LENNOX

ENGINEERING DATA

AIR CONDITIONERS

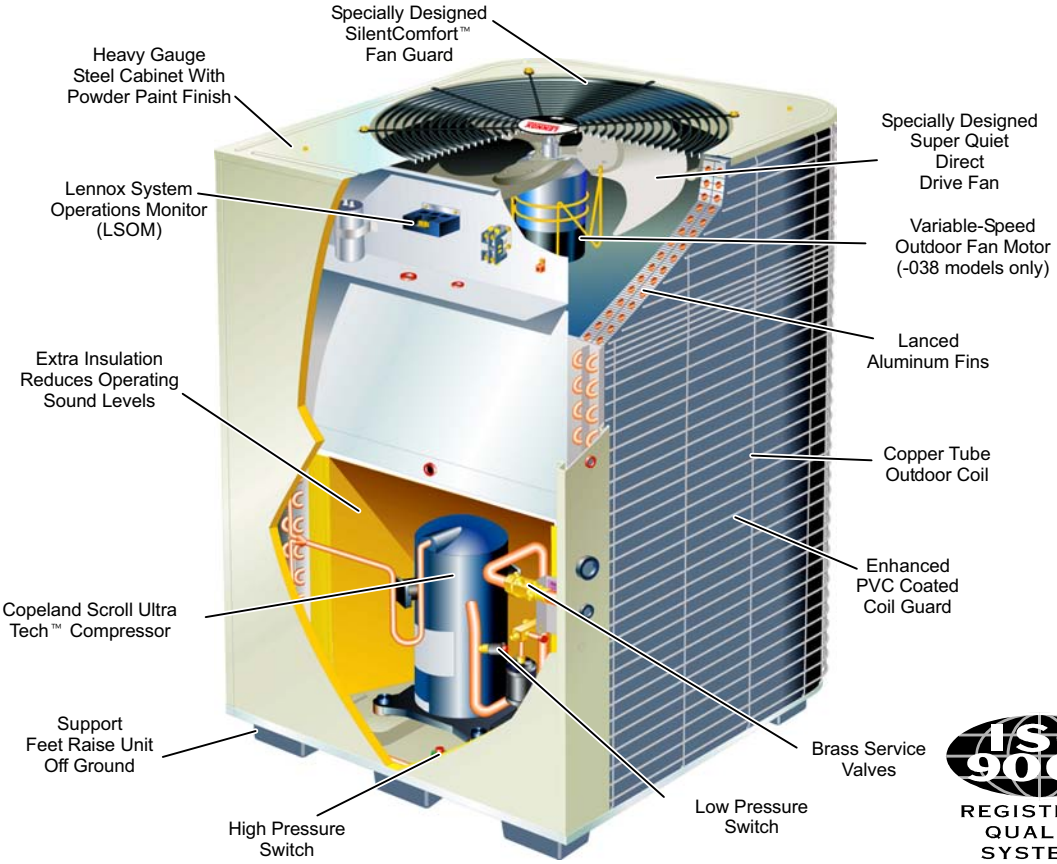
HSXA19

DAVE LENNOX *SIGNATURE* ™ COLLECTION WITH SILENTCOMFORT™ TECHNOLOGY

Two-Stage Compressor
SEER - up to 19.20
2 to 5 Tons
Cooling Capacity - 24,200 to 59,000 Btuh

Bulletin No. 210378
January 2005
Supersedes June 2003

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI



ENERGY STAR

R410A

ISO 9001 REGISTERED QUALITY SYSTEMS

MODEL NUMBER IDENTIFICATION

HS X A 19 - 036 - 230

Unit Type
HS = Air Conditioner

Refrigerant Type
X = R410A

Major Revision

Series

Nominal Cooling Capacity
024 = 2 tons (7.0 kW)
036 = 3 tons (10.6 kW)
038 = 3 tons (10.6 kW)
048 = 4 tons (14.1 kW)
060 = 5 tons (17.6 kW)

Voltage
230 = 208/230V-1ph-60hz

Minor Revision Number

Visit us at www.lennox.com
For the latest technical information, www.davenet.com

NOTE - Due to Lennox' ongoing committment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.

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FEATURES

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EQUIPMENT WARRANTY

Compressor - limited warranty for ten years in residential installations and five years in non-residential installations.
All other covered components - five years in residential installations and one year in non-residential installations.
Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

APPLICATION

SEER up to 19.20.
2 through 5 ton (7.0 through 17.6 kW).
Single phase power supply.
Sound levels as low as 69 dB.
Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
Matching blower powered or add-on furnace indoor units provide a wide range of cooling capacities and applications. See ARI Ratings tables.
For indoor unit data, see Indoor Coils and Air Handlers sections.
Units shipped completely factory assembled, piped, and wired.
Each unit is test operated at the factory insuring proper operation.

APPROVALS

Certified in accordance with USE certification program which is based on ARI Standard 210/240-94.
Sound rated in Lennox reverberant sound test room in accordance with test conditions included in ARI Standard 270-95.
Tested in the Lennox Research Laboratory environmental test room.
Rated according to U.S. Department of Energy (DOE) test procedures.
Units and components within bonded for grounding to meet safety standards for servicing required by UL and CEC.
Units are UL and ULC listed.
ISO 9001 Registered Manufacturing Quality System.
ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment.

REFRIGERATION SYSTEM

Refrigerant
Non-chlorine, ozone friendly, R410A.
Unit pre-charged with refrigerant. See Specification table.

Copper Tube/Enhanced Fin Coil
Lennox designed and fabricated coil.
Ripple-edged aluminum fins.
Copper tube construction.
Lanced fins provide maximum exposure of fin surface to air stream resulting in excellent heat transfer.
Fin collars grip tubing for maximum contact area.
Flared shoulder tubing connections/silver soldering construction.
Coil is factory tested under high pressure to insure leakproof construction.
Entire coil is accessible for cleaning.
PVC (polyvinyl chloride) coated steel wire coil guard.

Super-Quiet Outdoor Fan with SilentComfort™ Technology
Specially-designed, SilentComfort fan guard uses Passive Vortex Suppression to reduce air noise. Corrosion-resistant PVC (polyvinyl chloride) coated steel wire.
Specially designed fan blades reduce operating sound levels.
Direct drive fan moves large air volumes uniformly through entire condenser coil for high refrigerant cooling capacity.
Vertical air discharge minimizes operating sounds and eliminates damage to lawn and shrubs.
Fan motor is inherently protected.
HSXA19-038 models have a variable-speed outdoor fan motor.
Motor totally enclosed for maximum protection from weather, dust and corrosion.
Rain shield on motor provides additional protection from moisture.
Fan service access accomplished by removal of fan guard.

Hi-Capacity Liquid Line Drier
Factory installed in the liquid line, the drier traps moisture or dirt that could contaminate the refrigerant system.
100% molecular-sieve bead type drier.

High Pressure Switch
Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting.
Protects compressor from excessive condensing pressure.
Manual reset.

Low Pressure Switch
Shuts off unit if suction pressure falls below setting.
Provides loss of charge and freeze-up protection.
Automatic reset.

OPTIONS

Refrigerant Line Kits
Refrigerant lines (suction & liquid) are shipped refrigeration clean.
Lines are cleaned, dried, pressurized, and sealed at factory.
Suction line fully insulated.
L15 lines are stubbed at both ends.
See Specifications table for selection.
Not available for HSXA19-060 model and must be field fabricated.

Expansion Valve Kits
Must be ordered extra and field installed on certain indoor coils.
See ARI Ratings tables.
Chatleff style fitting.

Freezestat
Installs on or near the discharge line of the evaporator or on the suction line.
Senses suction line temperature and cycles the compressor off when suction line temperature falls below it's setpoint.
Opens at 29°F (-2°C) and closes at 58°F (14°C).

FEATURES

COMPRESSOR

Copeland Scroll Ultra Tech™ Two-Stage Compressor

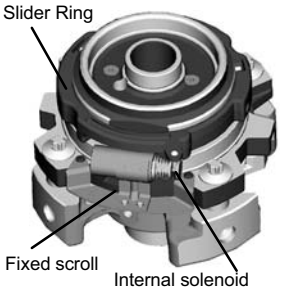
Compressor features high efficiency with uniform suction flow, constant discharge flow and high volumetric efficiency and quiet operation.

Compressor consists of two involute spiral scrolls matched together to generate a series of crescent shaped gas pockets between them.

During compression, one scroll remains stationary while the other scroll orbits around it. Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates.

As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced.

When pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls.



During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle.

Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency.

Scroll compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to to be worked toward the center and discharged.

On the fixed scroll there are two bypass ports in the first suction pocket. On the outside of the fixed scroll there is a “slider ring” that is controlled by an internal solenoid that will rotate and cover the bypass ports. When the thermostat calls for first-stage cooling, the bypass ports are open and the compressor operates at 67% capacity, creating more cost-effective and efficient compressor operation. The bypassed refrigerant is returned to the compressor housing through the bypass ports. When the thermostat calls for second-stage cooling, the internal solenoid is energized, the slider ring rotates and covers the bypass ports, and the compressor operates at full capacity.

Low gas pulses during compression reduces operational sound levels.

Compressor motor is internally protected from excessive current and temperature.

Compressor is installed in the unit on specially formulated, resilient rubber mounts for better sound dampening and vibration free operation.

Crankcase Heater (-038 Models Only)

Crankcase heater prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication.

Factory installed on HSXA19-038 models.

Compressor Hard Start Kit (-024 Models Only)

Increases the compressor starting torque.

Factory installed.

OPTIONS

Crankcase Heater (-024-036-048-060 Models Only)

Crankcase heater prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication.

Compressor Hard Start Kit (036-048-060 Models Only)

Single-phase units are equipped with a PSC compressor motor. This type of motor normally does not need a potential relay and start capacitor.

In conditions such as low voltage, kit may be required to increase the compressor starting torque.

CABINET

Heavy-gauge galvanized steel cabinet with five station metal wash process.

Powder paint finish provides superior rust and corrosion protection.

Painted base section.

Compressor and control box located in a separate compartment, insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum.

Control box is conveniently located with all controls factory wired.

Large removable panel provides service access.

Drainage holes are provided in base section for moisture removal.

High density polyethylene feet raise the unit off of the mounting surface, away from damaging moisture.

Non-corrosive PVC (polyvinyl chloride) coated steel wire outdoor coil guard is furnished.

Refrigerant Line Connections, Electrical Inlets & Service Valves

Suction and liquid lines are located inside of the cabinet and are made with sweat connections. See dimension drawing.

Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Suction valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.

Suction and liquid line service valves and gauge ports are located inside the cabinet.

Refrigerant line connections and field wiring inlets are located in one central area of the cabinet. See dimension drawing.

OPTIONS

Mounting Base

Provides permanent foundation for condensing units.

High density polyethylene structural material is lightweight, sturdy, sound absorbing and will withstand the rigors of the sun, heat, cold, moisture, oil and refrigerant. Will not mildew or rot.

Can be shipped singly or in packages of 6 to a carton.

CONTROLS

Lennox System Operations Monitor

Provides detailed information for proper preventive maintenance and fast, easy servicing.

Displays the most common fault conditions through indicator LED’s:

Monitor detects both mechanical and electrical system problems.

Monitors only, does not provide safety protection.

When an abnormal condition is detected, communicates the specific condition through the ALERT and TRIP lights.

POWER LED (green) - indicates voltage within the range of 19-28VAC is present at the power connection.

ALERT LED (yellow) - communicates an abnormal system condition through a unique flash code. The ALERT LED will flash a number of times consecutively, pause and then repeat the process. The number of consecutive flashes, defined as the Flash Code, correlates to a particular abnormal condition. The codes can indicate one of the following: long run time, system pressure trip (discharge or suction pressure out-of-limits or compressor overloaded), short cycling, locked rotor, open circuit, open start circuit (current present only in run circuit), open run circuit (current present only in start circuit), welded contactor (compressor runs continuously), or low voltage (control circuit < 17VAC).

TRIP LED (red) - indicates there is a demand signal from the thermostat but no current to the compressor is detected by the monitor.

FEATURES

CONTROLS - CONTINUED

OPTIONS

Time Delay Relay Kit

Delays the indoor blower-off time during the cooling cycle.
See ARI Rating Tables for usage.

Indoor Blower Speed Relay Kit

Relay kit provides optimum humidity control conditions by automatically reducing indoor blower speed during continuous fan or first-stage compressor operation.

Low Ambient Kit

Condensing units will operate satisfactorily down to 45°F (7°C) outdoor air temperature without any additional controls.
Kit can be added in the field enabling unit to operate properly down to 30°F (-1°C).
Crankcase heater and a freezestat should be installed on compressors equipped with a low ambient kit.
A compressor lock-out thermostat should be added to terminate compressor operation below recommended operation conditions [(on/off operation, 30°F (-1°C) or modulating operation, 0°F (-18°C)].

Time-Off Control

Prevents compressor short-cycling and allows time for suction and discharge pressure to equalize.
Permits compressor start-up in an unloaded condition.
Automatic reset with 5 minute delay between compressor shut-off and start-up.

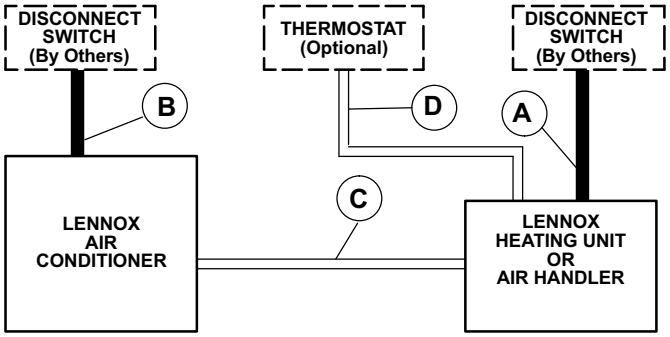
SignatureStat™ Home Comfort Controller

Combination temperature and humidity control.
2 Heat/2 Cool
Auto-changeover
Controls humidity during cooling operation.
Easy-to-use, menu driven thermostat with a back-lit, dot-matrix LCD screen.
Remote outdoor sensor (furnished) allows the thermostat to display outdoor temperature and adjust indoor dewpoint temperature for precision humidity control.
See the SignatureStat Engineering Handbook bulletin in the Controls section for more information.
See Controls section and Lennox Price Book for additional thermostats.

LSOM Interface Kit

Allows an electrical signal, generated by the Lennox System Operations Monitor (LSOM), to be displayed on any indoor room thermostat equipped with an “L” terminal.
Compatible with SignatureStats.

FIELD WIRING



A — Two Wire Power (not furnished)

B — Two Power (not furnished) — See Electrical Data

C — Four Wire Low Voltage (not furnished) — 18 ga. minimum

D — Six Wire Low Voltage (not furnished) — 18 ga. minimum

All wiring must conform to NEC or CEC and local electrical codes.

OUTDOOR SOUND DATA

[1] Unit Model No.	Octave Band Sound Power Levels dBA, re 10^{-12} Watts Center Frequency - HZ								[1]Sound Rating Number (dB)
	63	125	250	500	1000	2000	4000	8000	
HSXA19-024	49.0	53.0	62.0	63.0	63.5	60.0	54.5	49.0	69
HSXA19-036	53.5	58.5	59.0	63.0	63.0	60.5	55.5	49.5	69
HSXA19-038	51.0	61.5	64.0	62.5	65.5	59.5	55.0	51.0	72
HSXA19-048	51.5	58.0	62.5	67.5	66.5	62.0	57.0	51.0	72
HSXA19-060	49.0	57.5	60.0	67.0	67.0	61.5	57.0	49.5	73

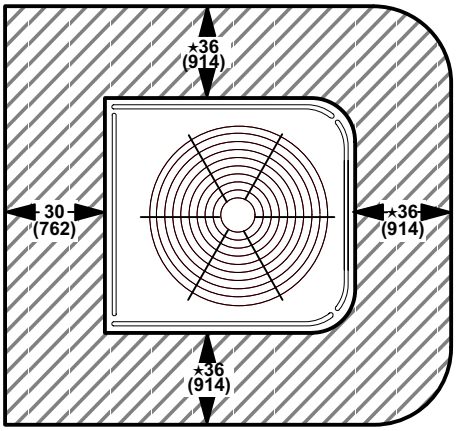
NOTE - the octave sound power data does not include tonal correction.
[1] Tested according to ARI Standard 270-95 test conditions.

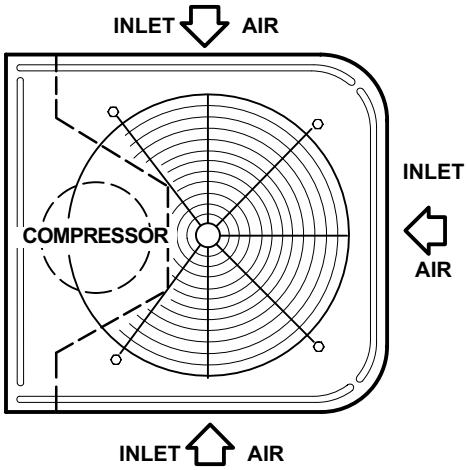
SPECIFICATIONS

General Data	Model No.	HSXA19-024	HSXA19-036	HSXA19-038	HSXA19-048	HSXA19-060
	Nominal Tonnage (kW)	2 (7.0)	3 (10.6)	3 (10.6)	4 (14.1)	5 (17.6)
Connections (sweat)	Liquid line (o.d.) - in. (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Suction line (o.d.) - in. (mm)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	1-1/8 (28.5)
Refrigerant	[1] R-410A charge furnished	8 lbs. 5 oz. (3.77 kg)	8 lbs. 5 oz (3.77 kg)	12 lbs. 0 oz (5.44 kg)	8 lbs. 13 oz (4.00 kg)	11 lbs. 7 oz (5.19 kg)
Outdoor Coil	Net face area sq. ft. (m2) Outer coil	16 (1.94)	16 (1.94)	24.06 (2.24)	18.3 (1.70)	21.8 (2.03)
	Net face area sq. ft. (m2) Inner coil	13.3 (1.24)	13.3 (1.24)	23.33 (2.17)	13.3 (1.24)	21.1 (1.96)
	Tube diameter - in. (mm)	5/16 (0.52)	5/16 (0.52)	5/16 (0.52)	5/16 (0.52)	5/16 (0.52)
	No. of rows	1.83	1.83	2	1.73	2
	Fins per inch (m)	22	22	22	22	22
Outdoor Fan	Diameter - in. (mm)	24 (610)	24 (610)	24 (610)	24 (610)	24 (610)
	No. of blades	3	3	3	3	3
	Motor hp (W)	1/6 (124)	1/6 (124)	1/3 (249)	1/4 (187)	1/4 (187)
	Cfm (L/s)	3160 (1485)	3160 (1485)	2800 (1320) first-stage 3400 (1605) second-stage	3900 (1840)	4200 (1980)
	Rpm	825	825	700 first-stage 820 second-stage	820	820
	Watts	200	200	96 first-stage 140 second-stage	270	300
Shipping Data - lbs. (kg) 1 pkg.		242 (110)	243 (110)	316 (143)	262 (119)	313 (142)
ELECTRICAL DATA						
	Line voltage data - 60hz	208/230V-1ph	208/230V-1ph	208/230V-1ph	208/230V-1ph	208/230V-1ph
	[3] Maximum overcurrent protection (amps)	20	35	40	45	60
	[2] Minimum circuit ampacity	14	22	23.7	28.2	33.8
Compressor	Rated load amps	10.3	16.7	16.7	21.2	25.7
	Locked rotor amps	52	82	82	96	118
	Power factor	0.99	0.98	0.98	0.99	0.99
Outdoor Fan Motor	Full load amps	1.1	1.1	2.8	1.7	1.7
	Locked rotor amps	2	2	Not Applicable	3.1	3.1
OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA						
Compressor Crankcase Heater	40 watt **18K20**	•	•		•	•
	70 watt **67K90**	•	•		•	•
Compressor Hard Start Kit	**10J42**	•	•	•		
	81J69				•	•
Compressor Low Ambient Cut-Off	**45F08**	•	•	•	•	•
Compressor Time-Off Control	**47J27**	•	•	•	•	•
Freezestat	3/8 in. tubing **93G35**	•	•	•	•	•
	1/2 in. tubing **39H29**	•	•	•	•	•
	5/8 in. tubing **50A93**	•	•	•	•	•
Indoor Blower Relay	**40K58**	•	•	•	•	•
Low Ambient Kit	**34M72**	•	•		•	•
	68M04			•		
Mounting Base	**69J07**	•	•	•	•	•
SignatureStat™ Home Comfort Controller	**51M27**	•	•	•	•	•
Refrigerant Line Sets	L15-65-15 L15-65-40 L15-65-30 L15-65-50	•	•	•	•	
	Field Fabricate					•
Time Delay Relay	**58M81**	•	•	•	•	•

NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.
[1] Refrigerant charge sufficient for 15 ft. (4.6 m) length of refrigerant lines.
[2] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.
[3] HACR type breaker or fuse.

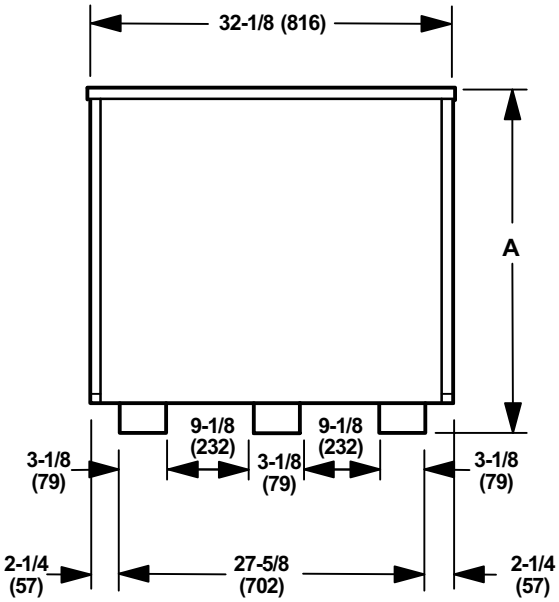
INSTALLATION CLEARANCES



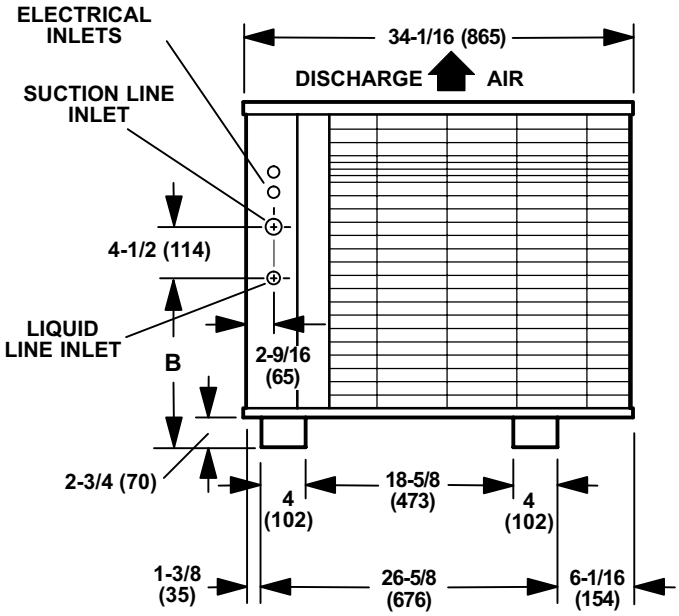


TOP VIEW

★ One side of unit may be 12 in. (305 mm)
One of the remaining sides may be 6 in. (152 mm)
NOTE - 48 in (1219 mm) clearance required on top of unit
NOTE - 24 in. (610 mm) required between two units



ACCESS VIEW



SIDE VIEW

Model No.		A	B
HSXA19-024 HSXA19-036	in.	30-7/8	12-3/4
	mm	784	324
HSXA19-038	in.	44-7/8	19-3/4
	mm	1140	502
HSXA19-048	in.	34-7/8	13-3/4
	mm	886	349
HSXA19-060	in.	40-7/8	19-3/4
	mm	1038	502

ARI RATINGS - INDOOR COILS - AIR HANDLERS — 2 TON

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings Cooling Capacity Btuh	kW	Efficiency SEER	EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-024 2 Ton (69 dB)	**Up-Flow Indoor Coils**	24,600	7.2	14.00	11.70	2105	[5] C33-30A/B/C	[4] **37L51** - order separately
		24,600	7.2	14.00	11.70	2105	[5] CX34-30A/B/C-6F	Factory Installed TXV
		24,800	7.3	14.15	11.75	2110	[5] C33-36A/B/C	[4] **37L51** - order separately
		24,800	7.3	14.15	11.75	2110	[5] CX34-36A/B/C-6F	Factory Installed TXV
		24,800	7.3	14.15	11.75	2110	[5] C33-42B	[4] **37L51** - order separately
		24,800	7.3	14.15	11.75	2110	[5] CX34-42B-6F	[4] **37L51** - order separately
		25,000	7.3	14.10	11.85	2110	[5] C26-46	[4] **37L51** - order separately
		25,600	7.5	14.50	12.10	2115	[5] C33-44C	[4] **37L51** - order separately
		25,600	7.5	14.55	12.10	2115	[5] C26-41	[4] **37L51** - order separately
		25,800	7.6	14.65	12.20	2115	[5] C33-38A/B	[4] **37L51** - order separately
		25,800	7.6	14.65	12.20	2115	[5] CX34-38A/B-6F	Factory Installed TXV
	Up-Flow Indoor Coils with Furnace	25,400	7.4	16.00	12.50	2035	[6] C33-42B with G61MPV-36B-045	[4] **37L51** - order separately
		25,400	7.4	16.00	12.50	2035	[6] CX34-42B-6F w/ G61MPV-36B-045	[4] **37L51** - order separately
		26,400	7.7	16.40	12.95	2040	[6] C33-38B with G61MPV-36B-045	[4] **37L51** - order separately
		26,400	7.7	16.40	12.95	2040	[6] CX34-38B-6F w/ G61MPV-36B-045	Factory Installed TXV
		26,400	7.7	16.50	13.05	2025	[6] C33-38B with G61MPV-36B-070	[4] **37L51** - order separately
		26,400	7.7	16.50	13.05	2025	[6] CX34-38B-6F w/ G61MPV-36B-070	Factory Installed TXV
		25,400	7.4	16.20	12.55	2020	[6] C33-36A with G60UHV-36A-070	[4] **37L51** - order separately
		25,400	7.4	16.20	12.55	2020	[6] CX34-36A-6F w/ G60UHV-36A-070	Factory Installed TXV
		25,400	7.4	16.30	12.75	1990	[6] C33-36B with G60UHV-36B-090	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] CX34-36B-6F w/ G60UHV-36B-090	Factory Installed TXV
		25,400	7.4	16.30	12.75	1990	[6] C33-42B wtih G60UHV-36B-090	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] CX34-42B-6F w/ G60UHV-36B-090	[4] **37L51** - order separately
		26,400	7.7	16.60	13.05	2025	[6] C33-38A with G60UHV-36A-070	[4] **37L51** - order separately
		26,400	7.7	16.60	13.05	2025	[6] CX34-38A-6F w/ G60UHV-36A-070	Factory Installed TXV
		26,400	7.7	16.75	13.25	1995	[6] C33-38B with G60UHV-36B-090	[4] **37L51** - order separately
		26,400	7.7	16.75	13.25	1995	[6] CX34-38B-6F w/ G60UHV-36B-090	Factory Installed TXV
	Down-Flow Indoor Coils	24,600	7.2	14.15	11.65	2110	[5] CR26-30N-F	**37L51** - order separately
		25,400	7.4	14.50	12.00	2115	[5] CR26-36N/W-F	**37L51** - order separately
	Horizontal Indoor Coils	24,200	7.1	14.15	11.50	2100	[5] CH33-24/30A-2F	[4] **37L51** - order separately
		24,400	7.2	13.90	11.60	2100	[5] CH23-41	**37L51** - order separately
		24,800	7.3	14.15	11.75	2110	[5] CH33-36B-2F	[4] **37L51** - order separately
		25,000	7.3	14.25	11.85	2110	[5] CH33-36A-2F	[4] **37L51** - order separately
		25,000	7.3	14.25	11.85	2110	[5] CH23-51	**37L51** - order separately
		25,200	7.4	14.30	11.90	2115	[5] CH33-36C-2F	[4] **37L51** - order separately
	Horizontal Indoor Coils with Furnace	26,000	7.6	16.25	12.75	2040	[6] CH33-42B-2F w/ G61MPV-36B-045	[4] **37L51** - order separately
		26,000	7.6	16.40	12.85	2025	[6] CH33-42B-2F w/ G61MPV-36B-070	[4] **37L51** - order separately
		25,400	7.4	16.25	12.55	2020	[6] CH33-36A-2F w/ G60UHV-36A-070	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] CH33-36B-2F w/ G60UHV-36B-090	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] CH33-44/48B-2F w/ G60UHV-36B-090	[4] **37L51** - order separately
		26,000	7.6	16.65	13.05	1995	[6] CH33-42B-2F w/ G60UHV-36B-090	[4] **37L51** - order separately
	Air Handlers	25,600	7.5	16.15	12.60	2030	[6] CBX32MV-018/024 (Multi-Position)	Factory Installed TXV
		25,600	7.5	16.45	13.25	1930	[6] CBX32MV-024/030 (Multi-Position)	Factory Installed TXV
		25,600	7.5	15.05	12.40	2065	[5] CBX32M-030 (Multi-Position)	Factory Installed TXV
		25,600	7.5	15.05	12.40	2065	[5] CB30M-31 (Multi-Position)	[4] **37L51** - order separately
		25,600	7.5	15.05	12.40	2065	[5] CB30U-31 (Up-Flow)	[4] **37L51** - order separately
		25,600	7.5	14.80	12.20	2095	[5] CBX32M-036 (Multi-Position)	Factory Installed TXV
		25,600	7.5	14.80	12.20	2095	[5] CB30M-41 (Multi-Position)	[4] **37L51** - order separately
		25,600	7.5	14.80	12.20	2095	[5] CB30U-41/46 (Up-Flow)	[4] **37L51** - order separately
		25,600	7.5	14.80	12.20	2095	[5] CBX32M-042 (Multi-Position)	[4] **37L51** - order separately
		26,600	7.8	16.50	13.45	1975	[6] CBX32MV-036 (Multi-Position)	Factory Installed TXV
		26,600	7.8	16.50	13.45	1975	[6] CB31MV-41 (Multi-Position)	[4] **37L51** - order separately
		26,600	7.8	15.15	12.65	2100	[5] CB30M-46 (Multi-Position)	[4] **37L51** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Most popular air handler.

4 **Factory installed expansion valve or RFCIV on indoor unit MUST be replaced with valve specified.**

5 Blower must be capable of time-off blower delay, high-speed cooling/heating operation during second-stage compressor operation, and low-speed cooling/heating operation during first-stage compressor operation. Time Delay Relay Kit (**58M81**) and Indoor Blower Speed Relay Kit (**40K58**) are recommend for field installation.

6 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS - AIR HANDLERS — 3 TON (-036)

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings: Cooling Capacity Btuh	Cooling Capacity kW	Efficiency SEER	Efficiency EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-036 3 Ton (71 dB)	**Up-Flow Indoor Coils**	34,200	10.0	14.10	10.85	3155	[5] C33-36A/B/C	**37L51** - order separately
		34,200	10.0	14.10	10.85	3155	[5] CX34-36A/B/C-6F	Factory Installed TXV
		34,200	10.0	14.10	10.85	3155	[5] C33-42B	**37L51** - order separately
		34,200	10.0	14.10	10.85	3155	[5] CX34-42B-6F	[4] **37L51** - order separately
		35,000	10.3	14.45	11.05	3165	[5] C33-44C	**37L51** - order separately
		35,200	10.3	14.45	11.10	3170	[5] C33-48B/C	**37L51** - order separately
		35,200	10.3	14.45	11.10	3170	[5] CX34-44/48B/C-6F	[4] **37L51** - order separately
		35,600	10.4	14.60	11.20	3175	[5] C33-38A/B	**37L51** - order separately
		35,600	10.4	14.60	11.20	3175	[5] CX34-38A/B-6F	Factory Installed TXV
		35,600	10.4	14.55	11.20	3175	[5] C33-50/60C	**37L51** - order separately
		35,600	10.4	14.55	11.20	3175	[5] CX34-50/60C-6F	[4] **37L51** - order separately
	Down-Flow Indoor Coils	34,800	10.2	14.25	11.00	3165	[5] CR26-48N/W-F	**37L51** - order separately
		35,000	10.3	14.45	11.05	3165	[5] CR26-36N/W-F	**37L51** - order separately
	Horizontal Indoor Coils	34,200	10.0	14.20	10.80	3160	[5] CH33-36A/B/C-2F	**37L51** - order separately
		34,400	10.1	14.05	11.00	3160	[5] CH23-41	**37L51** - order separately
		35,200	10.3	14.45	11.10	3170	[5] CH23-51	**37L51** - order separately
		35,400	10.4	14.55	11.15	3175	[5] CH33-42B-2F	**37L51** - order separately
		36,000	10.6	14.70	11.30	3180	[5] CH33-48C-2F	**37L51** - order separately
	Air Handlers	35,000	10.3	15.15	11.40	3075	[5] CB30M-31 (Multi-Position)	[4] **37L51** - order separately
		35,000	10.3	15.15	11.40	3075	[5] CBX32M-030 (Multi-Position)	Factory Installed TXV
		35,200	10.3	15.10	11.30	3120	[5] CB30M-41 (Multi-Position)	[4] **37L51** - order separately
		35,200	10.3	15.10	11.30	3120	[5] CBX32M-036 (Multi-Position)	Factory Installed TXV
		35,200	10.3	15.10	11.30	3120	[5] CB30M-46 (Multi-Position)	[4] **37L51** - order separately
		35,200	10.3	15.10	11.30	3120	[5] CBX32M-042 (Multi-Position)	[4] **37L51** - order separately
		35,200	10.3	15.25	11.45	3080	[5] CB30U-31 (Up-Flow)	[4] **37L51** - order separately
		35,400	10.4	15.20	11.35	3120	[5] CB30U-41/46 (Up-Flow)	[4] **37L51** - order separately
		35,400	10.4	16.40	11.80	3000	[6] CBX32MV-024/030 (Multi-Position)	Factory Installed TXV
		35,600	10.4	16.70	12.00	2990	[6] CB31MV-41 (Multi-Position)	[4] **37L51** - order separately
		35,600	10.4	16.70	12.00	2990	[6] CBX32MV-036 (Multi-Position)	Factory Installed TXV
		36,400	10.7	15.05	11.75	3095	[5] CB30M-51 (Multi-Position)	[4] **37L51** - order separately
		36,400	10.7	15.05	11.75	3095	[5] CB30U-51 (Up-Flow)	[4] **37L51** - order separately
		36,400	10.7	15.05	11.75	3095	[5] CBX32M-048 (Multi-Position)	[4] **37L51** - order separately
		37,000	10.8	17.25	12.60	2935	[6] CB31MV-51 (Multi-Position)	[4] **37L51** - order separately
		37,000	10.8	17.25	12.60	2935	[3,6] CBX32MV-048 (Multi-Position)	[4] **37L51** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Most popular indoor coil.

4 **Factory installed expansion valve on indoor unit MUST be replaced with valve specified.**

5 Blower must be capable of time-off blower delay, high-speed cooling/heating operation during second-stage compressor operation, and low-speed cooling/heating operation during first-stage compressor operation. Time Delay Relay Kit (**58M81**) and Indoor Blower Speed Relay Kit (**40K58**) are recommend for field installation.

6 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS/FURNACES — 3 TON (-036)

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings: Cooling Capacity Btuh	Cooling Capacity kW	Efficiency SEER	Efficiency EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-036 3 Ton (71 dB)	**Up-Flow Indoor Coils with Furnace**	34,600	10.1	15.90	11.35	3055	[5] C33-36B with [4] G61MPV-36B	**37L51** - order separately
		34,600	10.1	15.90	11.35	3055	[5] CX34-36B-6F with [4] G61MPV-36B	Factory Installed TXV
		34,600	10.1	15.90	11.35	3055	[5] C33-42B with [6] G61MPV-36B	**37L51** - order separately
		34,600	10.1	15.90	11.35	3055	[5] CX34-42B-6F with [4] G61MPV-36B	Factory Installed TXV
		35,800	10.5	16.25	11.65	3070	[5] C33-48B with [4] G61MPV-36B	**37L51** - order separately
		35,800	10.5	16.25	11.65	3070	[5] CX34-44/48B-6F with [4] G61MPV-36B	[3] **37L51** - order separately
		36,000	10.6	16.45	11.70	3075	[5] C33-38B with [4] G61MPV-36B	**37L51** - order separately
		36,000	10.6	16.45	11.70	3075	[5] CX34-38B-6F with [6] G61MPV-36B	Factory Installed TXV
		36,400	10.7	16.85	12.00	3040	[5] C33-50/60C with G61MPV-36C-090	**37L51** - order separately
		36,400	10.7	16.85	12.00	3040	[5] CX34-50/60C-6F w/ G61MPV-36C-090	[3] **37L51** - order separately
		35,000	10.3	15.70	11.70	2990	[5] C33-36A/B with [4] G60UHV-36A/B	**37L51** - order separately
		35,000	10.3	15.70	11.70	2990	[5] CX34-36A/B-6F with [4] G60UHV-36A/B	Factory Installed TXV
		35,000	10.3	15.70	11.70	2990	[5] C33-42B with G60UHV-36B-090	**37L51** - order separately
		35,000	10.3	15.70	11.70	2990	[5] CX34-42B-6F with G60UHV-36B-090	[3] **37L51** - order separately
		36,000	10.6	16.05	12.00	3005	[5] C33-48B with G60UHV-36B-090	**37L51** - order separately
		36,000	10.6	16.05	12.00	3005	[5] CX34-44/48B-6F with G60UHV-36B-090	[3] **37L51** - order separately
		36,400	10.7	16.20	12.10	3010	[5] C33-38A/B with [4] G60UHV-36A/B	**37L51** - order separately
		36,400	10.7	16.20	12.10	3010	[5] CX34-38A/B-6F with [4] G60UHV-36A/B	Factory Installed TXV
		36,800	10.8	16.35	12.00	3085	[5] C33-50/60C with [4] G60UHV-60C	**37L51** - order separately
		36,800	10.8	16.35	12.00	3085	[5] CX34-50/60C-6F with [4] G60UHV-60C	[3] **37L51** - order separately
	Down-Flow Indoor Coils with Furnace	35,200	10.3	15.75	11.75	2995	[5] CR26-48N-F with G60DFV-36B-090	**37L51** - order separately
		35,400	10.4	16.00	11.80	2995	[5] CR26-36W-F with G60DFV-36B-090	**37L51** - order separately
	Horizontal Indoor Coils with Furnace	34,600	10.1	15.90	11.35	3055	[5] CH33-36B-2F with [4] G61MPV-36B	**37L51** - order separately
		35,600	10.4	16.25	11.60	3070	[5] CH33-42B-2F with [4] G61MPV-36B	**37L51** - order separately
		36,200	10.6	16.45	11.75	3075	[5] CH33-44/48B-2F with [4] G61MPV-36B	**37L51** - order separately
		34,800	10.2	15.70	11.65	2990	[5] CH33-36A/B-2F w/ [4] G60UHV-36A/B	**37L51** - order separately
		36,000	10.6	16.05	12.00	3000	[5] CH33-42B-2F w/ G60UHV-36B-090	**37L51** - order separately
		36,400	10.7	16.25	12.10	3010	[5] CH33-48C-2F w/ G60UHV-36B-090	**37L51** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 **Factory installed expansion valve on indoor unit MUST be replaced with valve specified.**

4 Includes all heat sizes for this model.

5 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS - AIR HANDLERS — 3 TON (-038)

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings: Cooling Capacity Btuh	kW	Efficiency SEER	EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-038 3 Ton (72 dB)	**Up-Flow Indoor Coils**	34,600	10.1	15.55	11.75	2945	[5] C33-36A/B/C	**37L51** - order separately
		34,600	10.1	15.55	11.75	2945	[5] CX34-36A/B/C-6F	Factory Installed TXV
		34,600	10.1	15.55	11.75	2945	[5] C33-42B	**37L51** - order separately
		34,600	10.1	15.55	11.75	2945	[5] CX34-42B-6F	[4] **37L51** - order separately
		35,600	10.4	15.90	12.05	2955	[5] C33-44C	**37L51** - order separately
		35,800	10.5	15.85	12.10	2955	[5] C33-48B/C	**37L51** - order separately
		35,800	10.5	15.85	12.10	2955	[5] CX34-44/48B/C-6F	[4] **37L51** - order separately
		36,200	10.6	16.00	12.25	2960	[5] C33-50/60C	**37L51** - order separately
		36,200	10.6	16.00	12.25	2960	[5] CX34-50/60C-6F	[4] **37L51** - order separately
		36,200	10.6	16.20	12.25	2960	[5] C33-38A/B	**37L51** - order separately
		36,200	10.6	16.20	12.25	2960	[5] CX34-38A/B-6F	Factory Installed TXV
	Down-Flow Indoor Coils	35,000	10.3	15.60	11.85	2950	[5] CR26-48N/W-F	**37L51** - order separately
		35,200	10.3	15.75	12.00	2950	[5] CR26-36N/W-F	**37L51** - order separately
	Horizontal Indoor Coils	34,600	10.1	15.50	11.75	2945	[5] CH33-36A/B/C-2F	**37L51** - order separately
		34,600	10.1	15.35	11.75	2945	[5] CH23-41	**37L51** - order separately
		35,400	10.4	15.75	12.00	2955	[5] CH23-51	**37L51** - order separately
		35,600	10.4	15.85	12.05	2955	[5] CH33-42B-2F	**37L51** - order separately
		36,200	10.6	16.05	12.25	2960	[5] CH33-48C-2F	**37L51** - order separately
	Air Handlers	35,600	10.4	16.70	12.45	2860	[5] CB30U-31 (Up-Flow)	[4] **37L51** - order separately
		35,600	10.4	16.70	12.45	2865	[5] CB30M-31 (Multi-Position)	[4] **37L51** - order separately
		35,600	10.4	16.70	12.45	2865	[5] CBX32M-030 (Multi-Position)	Factory Installed TXV
		35,600	10.4	16.65	12.25	2905	[5] CB30U-41/46 (Up-Flow)	[4] **37L51** - order separately
		35,800	10.5	16.65	12.30	2905	[5] CB30M-41 (Multi-Position)	[4] **37L51** - order separately
		35,800	10.5	16.65	12.30	2905	[5] CBX32M-036 (Multi-Position)	Factory Installed TXV
		35,800	10.5	16.65	12.30	2905	[5] CB30M-46 (Multi-Position)	[4] **37L51** - order separately
		35,800	10.5	16.65	12.30	2905	[5] CBX32M-042 (Multi-Position)	[4] **37L51** - order separately
		35,800	10.5	18.20	12.85	2790	[6] CBX32MV-024/030 (Multi-Position)	Factory Installed TXV
		36,200	10.6	18.55	13.05	2775	[6] CB31MV-41 (Multi-Position)	[4] **37L51** - order separately
		36,200	10.6	18.55	13.05	2775	[6] CBX32MV-036 (Multi-Position)	Factory Installed TXV
		37,000	10.8	16.55	12.85	2875	[5] CB30M-51 (Multi-Position)	[4] **37L51** - order separately
		37,000	10.8	16.55	12.85	2875	[5] CB30U-51 (Up-Flow)	[4] **37L51** - order separately
		37,000	10.8	16.55	12.85	2875	[5] CBX32M-048 (Multi-Position)	[4] **37L51** - order separately
		37,400	11.0	19.20	13.70	2730	[6] CB31MV-51 (Multi-Position)	[4] **37L51** - order separately
		37,400	11.0	19.20	13.70	2730	[3,6] CBX32MV-048 (Multi-Position)	[4] **37L51** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Most popular indoor coil.

4 **Factory installed expansion valve on indoor unit MUST be replaced with valve specified.**

5 Blower must be capable of time-off blower delay, high-speed cooling/heating operation during second-stage compressor operation, and low-speed cooling/heating operation during first-stage compressor operation. Time Delay Relay Kit (**58M81**) and Indoor Blower Speed Relay Kit (**40K58**) are recommend for field installation.

6 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS/FURNACES — 3 TON (-038)

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings					Indoor Unit Model No.	Expansion Device
		Cooling Capacity		Efficiency		Total Unit Watts		
		Btuh	kW	SEER	EER			
HSXA19-038 3 Ton (72 dB)	**Up-Flow Indoor Coils with Furnace**	34,800	10.2	17.65	12.25	2845	[5] C33-36B with [4] G61MPV-36B	**37L51** - order separately
		34,800	10.2	17.65	12.25	2845	[5] CX34-36B-6F with [4] G61MPV-36B	Factory Installed TXV
		34,800	10.2	17.65	12.25	2845	[5] C33-42B with [4] G61MPV-36B	**37L51** - order separately
		34,800	10.2	17.65	12.25	2845	[5] CX34-42B-6F with [4] G61MPV-36B	[3] **37L51** - order separately
		36,000	10.6	18.05	12.60	2855	[5] C33-48B with [4] G61MPV-36B	**37L51** - order separately
		36,000	10.6	18.05	12.60	2855	[5] CX34-44/48B-6F with [4] G61MPV-36B	[3] **37L51** - order separately
		36,400	10.7	18.25	12.75	2855	[5] C33-38B with [4] G61MPV-36B	**37L51** - order separately
		36,400	10.7	18.25	12.75	2855	[5] CX34-38B-6F with [4] G61MPV-36B	Factory Installed TXV
		36,800	10.8	18.70	13.05	2825	[5] C33-50/60C with G61MPV-36C-090	**37L51** - order separately
		36,800	10.8	18.70	13.05	2825	[5] CX34-50/60C-6F w/ G61MPV-36C-090	[3] **37L51** - order separately
		35,200	10.3	17.35	12.70	2775	[5] C33-36A/B with [4] G60UHV-36A/B	**37L51** - order separately
		35,200	10.3	17.35	12.70	2775	[5] CX34-36A/B-6F with [4] G60UHV-36A/B	Factory Installed TXV
		35,200	10.3	17.35	12.70	2775	[5] C33-42B with G60UHV-36B-090	**37L51** - order separately
		35,200	10.3	17.35	12.70	2775	[5] CX34-42B-6F with G60UHV-36B-090	[3] **37L51** - order separately
		36,400	10.7	17.75	13.05	2785	[5] C33-48B with G60UHV-36B-090	**37L51** - order separately
		36,400	10.7	17.75	13.05	2785	[5] CX34-44/48B-6F w/ G60UHV-36B-090	[3] **37L51** - order separately
		36,800	10.8	17.90	13.20	2790	[5] C33-38A/B with [4] G60UHV-36A/B	**37L51** - order separately
		36,800	10.8	17.90	13.20	2790	[5] CX34-38A/B-6F with [4] G60UHV-36A/B	Factory Installed TXV
		37,200	10.9	18.05	12.95	2870	[5] C33-50/60C with [4] G60UHV-60C	**37L51** - order separately
		37,200	10.9	18.05	12.95	2870	[5] CX34-50/60C-6F with [4] G60UHV-60C	[3] **37L51** - order separately
	Down-Flow Indoor Coils with Furnace	35,600	10.4	17.40	12.80	2780	[5] CR26-48N-F with G60DFV-36B-090	**37L51** - order separately
		35,800	10.5	17.60	12.85	2785	[5] CR26-36W-F with [4] G60DFV-60C	**37L51** - order separately
	Horizontal Indoor Coils with Furnace	34,800	10.2	17.70	12.25	2840	[5] CH33-36B-2F with [4] G61MPV-36B	**37L51** - order separately
		35,800	10.5	18.05	12.55	2850	[5] CH33-42B-2F with [4] G61MPV-36B	**37L51** - order separately
		36,400	10.7	18.25	12.75	2860	[5] CH33-48C-2F with [4] G61MPV-36B	**37L51** - order separately
		35,200	10.3	17.35	12.70	2775	[5] CH33-36A/B-2F with [4] G60UHV-36A/B	**37L51** - order separately
		36,200	10.6	17.70	13.00	2785	[5] CH33-42B-2F with G60UHV-36B-090	**37L51** - order separately
		36,800	10.8	17.90	13.15	2795	[5] CH33-48C-2F with G60UHV-36B-090	**37L51** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 **Factory installed expansion valve on indoor unit MUST be replaced with valve specified.**

4 Includes all heat sizes for this model.

5 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS - AIR HANDLERS — 4 TON

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings: Cooling Capacity Btuh	Cooling Capacity kW	Efficiency SEER	Efficiency EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-048 4 Ton (73 dB)	**Up-Flow Indoor Coils**	47,000	13.8	14.20	11.25	4180	[5] C33-48B/C	**39L72** - order separately
		47,000	13.8	14.20	11.25	4180	[5] CX34-44/48B/C-6F	Factory Installed TXV
		48,000	14.1	14.35	11.45	4185	[5] C33-50/60C	**39L72** - order separately
		48,000	14.1	14.35	11.45	4185	[5] CX34-50/60C-6F	Factory Installed TXV
		48,000	14.1	14.40	11.45	4190	[5] C33-60D	**39L72** - order separately
		48,000	14.1	14.40	11.45	4190	[5] CX34-60D-6F	Factory Installed TXV
		49,000	14.4	14.65	11.65	4205	[5] C33-62D	**39L72** - order separately
		49,000	14.4	14.65	11.65	4205	[5] CX34-62D-6F	Factory Installed TXV
	Down-Flow Indoor Coils	46,000	13.5	13.85	11.05	4165	[5] CR26-48N/W-F	**39L72** - order separately
		48,000	14.1	14.35	11.45	4185	[5] CR26-60N/W-F	**39L72** - order separately
	Horizontal Indoor Coils	46,500	13.6	14.00	11.15	4170	[5] CH23-51	**39L72** - order separately
		47,000	13.8	14.15	11.25	4180	[5] CH23-65	**39L72** - order separately
		48,000	14.1	14.45	11.45	4190	[5] CH33-48C-2F	**39L72** - order separately
		48,500	14.2	14.65	11.55	4200	[5] CH33-50/60C-2F	**39L72** - order separately
		48,500	14.2	14.50	11.60	4190	[5] CH33-60D-2F	**39L72** - order separately
		48,500	14.2	14.55	11.55	4195	[5] CH33-62D-2F	**39L72** - order separately
		49,000	14.4	14.70	11.65	4205	[5] CH23-68	**39L72** - order separately
	Air Handlers	45,500	13.3	14.75	11.25	4040	[5] CB30M-41 (Multi-Position)	[4] **39L72** - order separately
		45,500	13.3	14.75	11.25	4040	[5] CBX32M-036 (Multi-Position)	[4] **39L72** - order separately
		45,500	13.3	14.75	11.25	4040	[5] CB30M-46 (Multi-Position)	[4] **39L72** - order separately
		45,500	13.3	14.75	11.25	4040	[5] CBX32M-042 (Multi-Position)	Factory Installed TXV
		46,000	13.5	14.50	11.35	4045	[5] CB30U-41/46 (Up-Flow)	[4] **39L72** - order separately
		46,000	13.5	15.55	11.25	4090	[6] CB31MV-41 (Multi-Position)	[4] **39L72** - order separately
		46,000	13.5	15.55	11.25	4090	[6] CBX32MV-036 (Multi-Position)	[4] **39L72** - order separately
		48,000	14.1	14.75	11.65	4115	[5] CB30U-51 (Up-Flow)	[4] **39L72** - order separately
		48,500	14.2	15.35	11.80	4110	[5] CB30U-65 (Up-Flow)	[4] **39L72** - order separately
		48,500	14.2	16.35	12.00	4080	[6] CB31MV-51 (Multi-Position)	[4] **39L72** - order separately
		48,500	14.2	16.35	12.00	4080	[3,6] CBX32MV-048 (Multi-Position)	Factory Installed TXV
		48,500	14.2	14.90	11.80	4105	[5] CB30M-51 (Multi-Position)	[4] **39L72** - order separately
		48,500	14.2	14.90	11.80	4105	[5] CBX32M-048 (Multi-Position)	Factory Installed TXV
		48,500	14.2	14.90	11.80	4105	[5] CB30M-65 (Multi-Position)	[4] **39L72** - order separately
		48,500	14.2	14.90	11.80	4105	[5] CBX32M-060 (Multi-Position)	Factory Installed TXV
		49,000	14.4	16.35	12.00	4085	[6] CB31MV-65 (Multi-Position)	[4] **39L72** - order separately
		49,000	14.4	16.35	12.00	4085	[6] CBX32MV-060 (Multi-Position)	Factory Installed TXV

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Most popular indoor coil.

4 **Factory installed expansion valve on indoor unit MUST be replaced with valve specified.**

5 Blower must be capable of time-off blower delay, high-speed cooling/heating operation during second-stage compressor operation, and low-speed cooling/heating operation during first-stage compressor operation. Time Delay Relay Kit (**58M81**) and Indoor Blower Speed Relay Kit (**40K58**) are recommend for field installation.

6 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS/FURNACES — 4 TON

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings: Cooling Capacity Btuh	kW	Efficiency SEER	EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-048 4 Ton (73 dB)	**Up-Flow Indoor Coils with Furnace**	47,500	13.9	15.45	11.80	4020	[4] C33-48C with [3] G61MPV-60C	**39L72** - order separately
		47,500	13.9	15.45	11.80	4020	[4] CX34-44/48C-6F with [3] G61MPV-60C	Factory Installed TXV
		48,500	14.2	15.60	12.05	4025	[4] C33-50/60C with [3] G61MPV-60C	**39L72** - order separately
		48,500	14.2	15.60	12.05	4025	[4] CX34-50/60C-6F with [3] G61MPV-60C	Factory Installed TXV
		48,500	14.2	15.75	11.85	4095	[4] C33-60D with G61MPV-60D-135	**39L72** - order separately
		48,500	14.2	15.75	11.85	4095	[4] CX34-60D-6F with G61MPV-60D-135	Factory Installed TXV
		49,500	14.5	16.00	12.05	4110	[4] C33-62D with G61MPV-60D-135	**39L72** - order separately
		49,500	14.5	16.00	12.05	4110	[4] CX34-62D-6F with G61MPV-60D-135	Factory Installed TXV
		48,000	14.1	15.70	12.00	4005	[4] C33-48C with [3] G60UHV-60C	**39L72** - order separately
		48,000	14.1	15.70	12.00	4005	[4] CX34-44/48C-6F with [3] G60UHV-60C	Factory Installed TXV
		48,500	14.2	15.90	12.10	4010	[4] C33-50/60C with [3] G60UHV-60C	**39L72** - order separately
		48,500	14.2	15.90	12.10	4010	[4] CX34-50/60C-6F with [3] G60UHV-60C	Factory Installed TXV
		48,500	14.2	15.85	12.10	4015	[4] C33-60D with G60UHV-60D-135	**39L72** - order separately
		48,500	14.2	15.85	12.10	4015	[4] CX34-60D-6F with G60UHV-60D-135	Factory Installed TXV
		49,500	14.5	16.15	12.30	4030	[4] C33-62D with G60UHV-60D-135	**39L72** - order separately
		49,500	14.5	16.15	12.30	4030	[4] CX34-62D-6F with G60UHV-60D-135	Factory Installed TXV
	Down-Flow Indoor Coils with Furnace	46,500	13.6	15.45	11.60	4015	[4] CR26-48N-F with [3] G60DFV-60C	**39L72** - order separately
		48,500	14.2	16.00	12.00	4035	[4] CR26-60W-F with G60DFV-60D-135	**39L72** - order separately
	Horizontal Indoor Coils with Furnace	48,500	14.2	15.65	12.05	4030	[4] CH33-48C-2F with [3] G61MPV-60C	**39L72** - order separately
		48,500	14.2	15.90	11.85	4095	[4] CH33-60D-2F with G61MPV-60D-135	**39L72** - order separately
		49,000	14.4	15.90	12.00	4100	[4] CH33-62D-2F with G61MPV-60D-135	**39L72** - order separately
		49,000	14.4	15.75	12.15	4030	[4] CH33-50/60C-2F with [3] G61MPV-60C	**39L72** - order separately
		48,500	14.2	16.00	12.10	4015	[4] CH33-48C-2F w/ [3] G60UHV-60C	**39L72** - order separately
		49,000	14.4	16.00	12.20	4015	[4] CH33-50/60C-2F w/ [3] G60UHV-60C	**39L72** - order separately
		49,000	14.4	16.00	12.20	4015	[4] CH33-60D-2F w/ G60UHV-60D-135	**39L72** - order separately
		49,000	14.4	16.05	12.20	4020	[4] CH33-62D-2F w/ G60UHV-60D-135	**39L72** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Includes all heat sizes for this model.

4 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS - AIR HANDLERS — 5 TON

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings: Cooling Capacity Btuh	kW	Efficiency SEER	EER	Total Unit Watts	Indoor Unit Model No.	Expansion Device
HSXA19-060 5 Ton (75 dB)	**Up-Flow Indoor Coils**	56,500	16.6	13.60	10.65	5300	[5] C33-48B/C	**39L72** - order separately
		56,500	16.6	13.60	10.65	5300	[4] CX34-44/48B/C-6F	Factory Installed TXV
		57,500	16.9	13.80	10.80	5315	[5] C33-50/60C	**39L72** - order separately
		57,500	16.9	13.80	10.80	5315	[5] CX34-50/60C-6F	Factory Installed TXV
		58,000	17.0	13.80	11.00	5320	[5] C33-60D	**39L72** - order separately
		58,000	17.0	13.80	11.00	5320	[5] CX34-60D-6F	Factory Installed TXV
		59,000	17.3	14.10	11.05	5345	[5] C33-62D	**39L72** - order separately
		59,000	17.3	14.10	11.05	5345	[5] CX34-62D-6F	Factory Installed TXV
	Down-Flow Indoor Coils	55,000	16.1	13.30	10.45	5275	[5] CR26-48N/W-F	**39L72** - order separately
		57,000	16.7	13.80	10.75	5310	[5] CR26-60N/W-F	**39L72** - order separately
	Horizontal Indoor Coils	56,000	16.4	13.50	10.60	5290	[5] CH23-51	**39L72** - order separately
		57,000	16.7	13.65	10.75	5305	[5] CH23-65	**39L72** - order separately
		58,000	17.0	14.00	11.00	5325	[5] CH33-60D-2F	**39L72** - order separately
		58,500	17.1	14.00	11.00	5330	[5] CH33-62D-2F	**39L72** - order separately
		58,500	17.1	14.05	11.00	5335	[5] CH33-50/60C-2F	**39L72** - order separately
		59,000	17.3	14.15	11.05	5345	[5] CH23-68	**39L72** - order separately
	Air Handlers	55,500	16.3	14.15	10.90	5095	[5] CB30U-51 (Up-Flow)	[4] **39L72** - order separately
		56,500	16.6	14.40	10.70	5270	[5] CB30M-51 (Multi-Position)	[4] **39L72** - order separately
		56,500	16.6	14.40	10.70	5270	[5] CBX32M-048 (Multi-Position)	Factory Installed TXV
		57,500	16.9	15.25	11.00	5285	[6] CB31MV-51 (Multi-Position)	[4] **39L72** - order separately
		57,500	16.9	15.25	11.00	5285	[6] CBX32MV-048 (Multi-Position)	Factory Installed TXV
		58,000	17.0	15.30	11.00	5295	[6] CB31MV-65 (Multi-Position)	[4] **39L72** - order separately
		58,000	17.0	15.30	11.00	5295	[3,6] CBX32MV-060 (Multi-Position)	Factory Installed TXV
		58,000	17.0	14.30	11.00	5325	[5] CB30M-65 (Multi-Position)	[4] **39L72** - order separately
		58,000	17.0	14.30	11.00	5325	[5] CBX32M-060 (Multi-Position)	Factory Installed TXV
		58,000	17.0	14.40	11.00	5290	[5] CB30U-65 (Up-Flow)	[4] **39L72** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Most popular indoor coil.

4 **Factory installed expansion valve on indoor unit MUST be replaced with valve specified.**

5 Blower must be capable of time-off blower delay, high-speed cooling/heating operation during second-stage compressor operation, and low-speed cooling/heating operation during first-stage compressor operation. Time Delay Relay Kit (**58M81**) and Indoor Blower Speed Relay Kit (**40K58**) are recommend for field installation.

6 Blower control must be set for a time-off blower delay.

ARI RATINGS - INDOOR COILS/FURNACES — 5 TON

Outdoor Unit Model No. Unit Size [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings					Indoor Unit Model No.	Expansion Device
		Cooling Capacity		Efficiency		Total Unit Watts		
		Btuh	kW	SEER	EER			
HSXA19-060 5 Ton (75 dB)	**Up-Flow Indoor Coils with Furnace**	56,500	16.6	14.70	10.80	5230	[4] C33-48C with [3] G61MPV-60C	**39L72** - order separately
		56,500	16.6	14.70	10.80	5230	[4] CX34-44/48C-6F with [3] G61MPV-60C	Factory Installed TXV
		57,500	16.9	14.85	11.00	5240	[4] C33-50/60C with [3] G61MPV-60C	**39L72** - order separately
		57,500	16.9	14.85	11.00	5240	[4] CX34-50/60C-6F with [3] G61MPV-60C	Factory Installed TXV
		58,000	17.0	15.00	11.00	5285	[4] C33-60D with G61MPV-60D-135	**39L72** - order separately
		58,000	17.0	15.00	11.00	5285	[4] CX34-60D-6F with G61MPV-60D-135	Factory Installed TXV
		59,000	17.3	15.30	11.10	5310	[4] C33-62D with G61MPV-60D-135	**39L72** - order separately
		59,000	17.3	15.30	11.10	5310	[4] CX34-62D-6F with G61MPV-60D-135	Factory Installed TXV
		56,500	16.6	14.60	11.00	5165	[4] C33-48C with [3] G60UHV-60C	**39L72** - order separately
		56,500	16.6	14.60	11.00	5165	[4] CX34-44/48C-6F with [3] G60UHV-60C	Factory Installed TXV
		57,500	16.9	14.75	11.10	5175	[4] C33-50/60C with [3] G60UHV-60C	**39L72** - order separately
		57,500	16.9	14.75	11.10	5175	[4] CX34-50/60C-6F with [3] G60UHV-60C	Factory Installed TXV
		57,500	16.9	14.70	11.00	5280	[4] C33-60D with G60UHV-60D-135	**39L72** - order separately
		57,500	16.9	14.70	11.00	5280	[4] CX34-60D-6F with G60UHV-60D-135	Factory Installed TXV
		59,000	17.3	15.05	11.35	5200	[4] C33-62D with G60UHV-60D-135	**39L72** - order separately
		59,000	17.3	15.05	11.35	5200	[4] CX34-62D-6F with G60UHV-60D-135	Factory Installed TXV
	Down-Flow Indoor Coils with Furnace	55,500	16.3	14.35	10.65	5215	[4] CR26-48N-F with [3] G60DFV-60C	**39L72** - order separately
		57,000	16.7	14.85	11.00	5220	[4] CR26-60W-F with G60DFV-60D-135	**39L72** - order separately
	Horizontal Indoor Coils with Furnace	58,000	17.0	15.00	11.00	5255	[4] CH33-50/60C-2F with [3] G61MPV-60C	**39L72** - order separately
		58,000	17.0	15.15	11.00	5290	[4] CH33-60D-2F with G61MPV-60D-135	**39L72** - order separately
		58,500	17.1	15.20	11.00	5300	[4] CH33-62D-2F with G61MPV-60D-135	**39L72** - order separately
		58,000	17.0	14.90	11.20	5185	[4] CH33-50/60C-2F w/ [3] G60UHV-60C	**39L72** - order separately
		58,000	17.0	14.90	11.20	5180	[4] CH33-60D-2F w/ G60UHV-60D-135	**39L72** - order separately
		58,500	17.1	15.00	11.25	5190	[4] CH33-62D-2F w/ G60UHV-60D-135	**39L72** - order separately

NOTE - Ratings for all C33 coils include all cased and uncased coils.

1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

2 Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

3 Includes all heat sizes for this model.

4 Blower control must be set for a time-off blower delay.

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C33-30A/B/C - CX34-30A/B/C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.6	5.5	.80	.72	.84	.95	17.8	5.2	.96	.73	.85	.97	17.0	5.0	1.13	.74	.87	.99	16.1	4.7	1.34	.76	.90	1.00
	560	265	19.7	5.8	.80	.75	.88	1.00	18.9	5.5	.96	.76	.90	1.00	18.0	5.3	1.14	.78	.92	1.00	17.0	5.0	1.34	.80	.95	1.00
	660	310	20.6	6.0	.81	.78	.93	1.00	19.7	5.8	.96	.80	.95	1.00	18.8	5.5	1.14	.81	.97	1.00	17.7	5.2	1.35	.84	.99	1.00
67°F (19°C)	460	215	19.6	5.7	.80	.58	.69	.80	18.8	5.5	.96	.59	.70	.82	17.9	5.2	1.14	.59	.72	.84	17.0	5.0	1.35	.60	.73	.86
	560	265	20.8	6.1	.81	.60	.73	.85	19.8	5.8	.96	.61	.74	.87	18.9	5.5	1.14	.61	.75	.89	17.9	5.2	1.35	.63	.77	.91
	660	310	21.6	6.3	.81	.62	.76	.89	20.6	6.0	.97	.63	.77	.91	19.6	5.7	1.14	.64	.79	.94	18.5	5.4	1.35	.65	.81	.96
71°F (22°C)	460	215	20.4	6.0	.81	.45	.56	.67	19.7	5.8	.96	.45	.57	.68	18.8	5.5	1.14	.46	.58	.69	17.8	5.2	1.34	.46	.59	.71
	560	265	21.6	6.3	.81	.46	.58	.70	20.8	6.1	.97	.46	.59	.71	19.8	5.8	1.14	.47	.60	.73	18.8	5.5	1.35	.47	.61	.75
	660	310	22.6	6.6	.82	.47	.60	.73	21.6	6.3	.97	.47	.61	.75	20.6	6.0	1.15	.48	.62	.76	19.5	5.7	1.35	.48	.64	.79

HSXA19-024 - C33-30A/B/C - CX34-30A/B/C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	24.8	7.3	1.38	.74	.88	.99	23.6	6.9	1.61	.76	.89	1.00	22.4	6.6	1.86	.77	.92	1.00	21.2	6.2	2.15	.79	.94	1.00
	800	380	25.6	7.5	1.39	.77	.91	1.00	24.4	7.2	1.61	.78	.93	1.00	23.2	6.8	1.87	.80	.96	1.00	21.8	6.4	2.15	.83	.98	1.00
	920	435	26.4	7.7	1.39	.80	.95	1.00	25.2	7.4	1.62	.82	.97	1.00	23.8	7.0	1.87	.84	.99	1.00	22.4	6.6	2.16	.86	1.00	1.00
67°F (19°C)	700	330	26.0	7.6	1.39	.60	.72	.84	24.8	7.3	1.61	.60	.74	.86	23.6	6.9	1.87	.61	.75	.88	22.2	6.5	2.16	.62	.77	.91
	800	380	26.8	7.9	1.39	.61	.75	.88	25.4	7.4	1.62	.62	.76	.90	24.2	7.1	1.87	.63	.78	.92	22.8	6.7	2.16	.64	.80	.95
	920	435	27.4	8.0	1.40	.63	.78	.92	26.2	7.7	1.63	.64	.79	.94	24.8	7.3	1.88	.65	.82	.97	23.4	6.9	2.17	.66	.84	.99
71°F (22°C)	700	330	27.0	7.9	1.40	.46	.58	.70	25.8	7.6	1.63	.46	.59	.71	24.6	7.2	1.88	.47	.60	.73	23.2	6.8	2.16	.47	.61	.75
	800	380	28.0	8.2	1.40	.47	.60	.72	26.6	7.8	1.63	.47	.61	.74	25.2	7.4	1.88	.48	.62	.76	23.8	7.0	2.17	.48	.63	.78
	920	435	28.6	8.4	1.41	.47	.62	.76	27.4	8.0	1.63	.47	.63	.77	26.0	7.6	1.89	.48	.64	.79	24.4	7.2	2.17	.49	.65	.82

HSXA19-024 - C33-36A/B/C - CX34-36A/B/C-6F - C33-42B - CX34-42B-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.8	5.5	.80	.72	.84	.95	18.0	5.3	.96	.73	.86	.97	17.2	5.0	1.13	.75	.87	.99	16.3	4.8	1.34	.76	.90	1.00
	560	265	19.9	5.8	.80	.75	.89	1.00	19.1	5.6	.96	.77	.91	1.00	18.2	5.3	1.14	.78	.93	1.00	17.2	5.0	1.35	.80	.96	1.00
	660	310	20.8	6.1	.81	.79	.93	1.00	20.0	5.9	.97	.80	.96	1.00	19.0	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F (19°C)	460	215	19.8	5.8	.80	.58	.70	.81	19.0	5.6	.96	.59	.71	.82	18.1	5.3	1.14	.59	.72	.84	17.2	5.0	1.35	.60	.73	.86
	560	265	21.0	6.2	.81	.60	.73	.85	20.0	5.9	.96	.61	.74	.87	19.1	5.6	1.14	.62	.76	.89	18.1	5.3	1.35	.63	.78	.92
	660	310	21.8	6.4	.81	.62	.76	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.15	.64	.80	.94	18.8	5.5	1.35	.65	.82	.97
71°F (22°C)	460	215	20.6	6.0	.81	.45	.56	.67	19.8	5.8	.96	.45	.57	.68	19.0	5.6	1.14	.46	.58	.69	18.0	5.3	1.35	.46	.59	.71
	560	265	22.0	6.4	.81	.46	.59	.70	21.0	6.2	.97	.46	.59	.72	20.0	5.9	1.14	.47	.60	.73	19.0	5.6	1.35	.47	.62	.75
	660	310	22.8	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.75	20.8	6.1	1.15	.48	.63	.77	19.7	5.8	1.35	.48	.64	.79

HSXA19-024 - C33-36A/B/C - CX34-36A/B/C-6F - C33-42B - CX34-42B-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.0	7.3	1.39	.75	.88	1.00	24.0	7.0	1.61	.76	.90	1.00	22.8	6.7	1.87	.78	.92	1.00	21.4	6.3	2.15	.80	.95	1.00
	800	380	26.0	7.6	1.39	.77	.92	1.00	24.8	7.3	1.62	.79	.94	1.00	23.4	6.9	1.86	.81	.97	1.00	22.2	6.5	2.16	.83	.99	1.00
	920	435	26.6	7.8	1.40	.81	.96	1.00	25.4	7.4	1.62	.82	.98	1.00	24.2	7.1	1.87	.84	1.00	1.00	22.8	6.7	2.16	.87	1.00	1.00
67°F (19°C)	700	330	26.4	7.7	1.40	.60	.73	.85	25.2	7.4	1.62	.61	.74	.87	23.8	7.0	1.87	.62	.76	.89	22.4	6.6	2.16	.63	.78	.92
	800	380	27.2	8.0	1.40	.61	.75	.89	25.8	7.6	1.63	.62	.77	.91	24.4	7.2	1.88	.63	.79	.93	23.0	6.7	2.16	.65	.81	.96
	920	435	27.8	8.1	1.41	.63	.78	.93	26.6	7.8	1.63	.64	.80	.95	25.0	7.3	1.88	.66	.82	.98	23.6	6.9	2.16	.67	.85	1.00
71°F (22°C)	700	330	27.4	8.0	1.40	.45	.58	.70	26.2	7.7	1.62	.46	.59	.72	24.8	7.3	1.88	.47	.60	.73	23.4	6.9	2.17	.47	.62	.75
	800	380	28.2	8.3	1.41	.47	.60	.73	27.0	7.9	1.63	.47	.61	.75	25.6	7.5	1.88	.48	.62	.76	24.2	7.1	2.17	.48	.64	.79
	920	435	29.0	8.5	1.42	.47	.62	.76	27.8	8.1	1.64	.48	.63	.78	26.2	7.7	1.89	.48	.65	.80	24.6	7.2	2.17	.49	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C26-46 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.7	5.5	.80	.72	.84	.95	18.0	5.3	.95	.73	.85	.97	17.2	5.0	1.14	.74	.87	.99	16.3	4.8	1.34	.76	.89	1.00
	560	265	19.7	5.8	.80	.75	.88	.99	19.0	5.6	.96	.76	.90	1.00	18.1	5.3	1.14	.78	.92	1.00	17.2	5.0	1.35	.80	.95	1.00
	660	310	20.6	6.0	.81	.78	.93	1.00	19.8	5.8	.96	.80	.95	1.00	18.9	5.5	1.14	.81	.97	1.00	17.9	5.2	1.35	.84	.99	1.00
67°F (19°C)	460	215	19.7	5.8	.80	.58	.70	.80	19.0	5.6	.96	.58	.70	.82	18.2	5.3	1.14	.59	.72	.83	17.2	5.0	1.34	.60	.73	.85
	560	265	20.8	6.1	.81	.60	.73	.85	20.2	5.9	.97	.61	.74	.86	19.2	5.6	1.14	.62	.75	.89	18.2	5.3	1.35	.63	.77	.91
	660	310	21.8	6.4	.81	.62	.76	.89	21.0	6.2	.97	.63	.77	.91	20.0	5.9	1.14	.64	.79	.94	18.9	5.5	1.35	.65	.81	.96
71°F (22°C)	460	215	20.8	6.1	.81	.45	.56	.67	20.0	5.9	.96	.46	.57	.68	19.1	5.6	1.14	.45	.58	.69	18.2	5.3	1.35	.46	.58	.70
	560	265	22.0	6.4	.81	.45	.58	.70	21.2	6.2	.97	.45	.59	.71	20.2	5.9	1.15	.46	.60	.73	19.2	5.6	1.35	.46	.61	.75
	660	310	23.0	6.7	.82	.47	.60	.73	22.0	6.4	.97	.47	.61	.75	21.0	6.2	1.15	.47	.62	.76	19.9	5.8	1.35	.48	.64	.79

HSXA19-024 - C26-46 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.2	7.4	1.39	.75	.87	.99	24.0	7.0	1.61	.76	.89	1.00	22.8	6.7	1.87	.77	.92	1.00	21.6	6.3	2.16	.79	.95	1.00
	800	380	26.0	7.6	1.39	.77	.91	1.00	24.8	7.3	1.62	.79	.93	1.00	23.6	6.9	1.87	.80	.96	1.00	22.2	6.5	2.16	.83	.98	1.00
	920	435	26.8	7.9	1.40	.80	.95	1.00	25.6	7.5	1.62	.82	.97	1.00	24.4	7.2	1.88	.84	.99	1.00	23.0	6.7	2.17	.87	1.00	1.00
67°F (19°C)	700	330	26.4	7.7	1.40	.60	.72	.84	25.4	7.4	1.62	.60	.74	.86	24.0	7.0	1.88	.61	.75	.88	22.8	6.7	2.16	.62	.77	.91
	800	380	27.2	8.0	1.40	.61	.75	.88	26.0	7.6	1.63	.62	.76	.90	24.8	7.3	1.88	.63	.78	.93	23.4	6.9	2.17	.65	.80	.95
	920	435	28.0	8.2	1.41	.63	.78	.92	26.8	7.9	1.63	.64	.80	.95	25.4	7.4	1.88	.65	.82	.97	24.0	7.0	2.17	.67	.84	.99
71°F (22°C)	700	330	27.6	8.1	1.41	.46	.58	.70	26.4	7.7	1.63	.46	.59	.71	25.2	7.4	1.88	.47	.60	.73	23.8	7.0	2.17	.47	.61	.75
	800	380	28.6	8.4	1.41	.46	.60	.73	27.2	8.0	1.63	.46	.61	.74	26.0	7.6	1.89	.47	.62	.76	24.4	7.2	2.17	.47	.63	.78
	920	435	29.4	8.6	1.42	.47	.62	.76	28.0	8.2	1.64	.48	.63	.77	26.6	7.8	1.89	.48	.64	.80	25.2	7.4	2.18	.49	.66	.82

HSXA19-024 - C33-44C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	19.1	5.6	.80	.71	.83	.95	18.3	5.4	.96	.72	.84	.97	17.5	5.1	1.14	.74	.87	.99	16.5	4.8	1.34	.75	.89	1.00
	560	265	20.2	5.9	.81	.75	.88	1.00	19.4	5.7	.96	.76	.90	1.00	18.4	5.4	1.14	.78	.92	1.00	17.4	5.1	1.35	.79	.95	1.00
	660	310	21.2	6.2	.81	.78	.93	1.00	20.2	5.9	.96	.79	.95	1.00	19.2	5.6	1.14	.81	.97	1.00	18.1	5.3	1.35	.83	1.00	1.00
67°F (19°C)	460	215	20.4	6.0	.81	.57	.69	.80	19.6	5.7	.96	.58	.70	.81	18.6	5.5	1.14	.58	.70	.83	17.6	5.2	1.35	.60	.73	.85
	560	265	21.6	6.3	.81	.59	.72	.84	20.6	6.0	.97	.60	.73	.86	19.5	5.7	1.14	.61	.75	.88	18.5	5.4	1.35	.62	.77	.91
	660	310	22.4	6.6	.82	.61	.75	.89	21.4	6.3	.97	.62	.77	.91	20.4	6.0	1.15	.63	.78	.93	19.2	5.6	1.35	.64	.81	.96
71°F (22°C)	460	215	21.6	6.3	.81	.45	.55	.66	20.8	6.1	.97	.45	.56	.67	19.8	5.8	1.14	.45	.57	.68	18.7	5.5	1.35	.45	.58	.69
	560	265	22.8	6.7	.82	.45	.57	.69	21.8	6.4	.97	.45	.58	.70	20.8	6.1	1.15	.46	.59	.73	19.7	5.8	1.35	.47	.61	.74
	660	310	23.8	7.0	.82	.46	.60	.73	22.6	6.6	.98	.46	.61	.74	21.6	6.3	1.15	.47	.61	.76	20.4	6.0	1.35	.47	.63	.78

HSXA19-024 - C33-44C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.6	7.5	1.39	.74	.87	.99	24.4	7.2	1.62	.75	.89	1.00	23.2	6.8	1.87	.77	.91	1.00	21.8	6.4	2.16	.79	.94	1.00
	800	380	26.4	7.7	1.40	.77	.91	1.00	25.2	7.4	1.62	.78	.93	1.00	23.8	7.0	1.87	.80	.96	1.00	22.4	6.6	2.16	.82	.98	1.00
	920	435	27.0	7.9	1.40	.80	.95	1.00	25.8	7.6	1.62	.81	.97	1.00	24.4	7.2	1.88	.83	1.00	1.00	23.0	6.7	2.17	.86	1.00	1.00
67°F (19°C)	700	330	27.0	7.9	1.40	.59	.71	.84	25.8	7.6	1.62	.60	.72	.86	24.4	7.2	1.88	.61	.75	.88	23.0	6.7	2.17	.62	.76	.91
	800	380	27.8	8.1	1.40	.61	.74	.88	26.4	7.7	1.63	.62	.76	.90	25.2	7.4	1.88	.62	.78	.92	23.6	6.9	2.16	.64	.80	.95
	920	435	28.6	8.4	1.41	.61	.77	.92	27.2	8.0	1.64	.63	.79	.94	25.8	7.6	1.89	.64	.81	.97	24.2	7.1	2.17	.66	.84	1.00
71°F (22°C)	700	330	28.4	8.3	1.41	.45	.57	.69	27.2	8.0	1.64	.45	.58	.70	25.8	7.6	1.88	.45	.59	.72	24.2	7.1	2.18	.47	.60	.73
	800	380	29.2	8.6	1.42	.46	.59	.72	27.8	8.1	1.64	.46	.60	.73	26.4	7.7	1.89	.47	.60	.75	24.8	7.3	2.17	.47	.62	.77
	920	435	30.0	8.8	1.42	.47	.60	.75	28.6	8.4	1.64	.47	.61	.77	27.0	7.9	1.89	.47	.63	.79	25.4	7.4	2.18	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C26-41 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	19.2	5.6	.80	.72	.84	.96	18.4	5.4	.96	.73	.85	.97	17.6	5.2	1.14	.74	.87	.99	16.6	4.9	1.34	.76	.90	1.00
	560	265	20.4	6.0	.81	.75	.89	1.00	19.5	5.7	.96	.77	.91	1.00	18.6	5.5	1.14	.79	.93	1.00	17.5	5.1	1.35	.80	.96	1.00
	660	310	21.2	6.2	.81	.79	.94	1.00	20.2	5.9	.97	.81	.96	1.00	19.3	5.7	1.14	.82	.98	1.00	18.3	5.4	1.35	.85	1.00	1.00
67°F (19°C)	460	215	20.6	6.0	.81	.57	.69	.80	19.7	5.8	.96	.58	.70	.82	18.7	5.5	1.14	.59	.71	.84	17.7	5.2	1.35	.60	.73	.86
	560	265	21.6	6.3	.81	.60	.73	.85	20.8	6.1	.97	.61	.74	.87	19.7	5.8	1.14	.62	.76	.90	18.6	5.5	1.35	.63	.78	.92
	660	310	22.6	6.6	.82	.62	.76	.91	21.4	6.3	.97	.63	.78	.93	20.4	6.0	1.15	.64	.80	.95	19.3	5.7	1.35	.65	.82	.98
71°F (22°C)	460	215	21.8	6.4	.81	.44	.55	.66	20.8	6.1	.97	.44	.56	.67	19.9	5.8	1.14	.45	.57	.68	18.8	5.5	1.35	.45	.58	.70
	560	265	23.0	6.7	.82	.45	.58	.70	22.0	6.4	.97	.46	.59	.72	21.0	6.2	1.15	.46	.60	.73	19.7	5.8	1.35	.47	.61	.75
	660	310	23.8	7.0	.83	.46	.60	.74	22.8	6.7	.98	.47	.61	.75	21.6	6.3	1.15	.47	.62	.77	20.4	6.0	1.35	.48	.63	.79

HSXA19-024 - C26-41 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.6	7.5	1.39	.75	.89	1.00	24.4	7.2	1.62	.77	.91	1.00	23.2	6.8	1.87	.78	.93	1.00	21.8	6.4	2.15	.80	.96	1.00
	800	380	26.4	7.7	1.40	.78	.93	1.00	25.2	7.4	1.62	.80	.95	1.00	23.8	7.0	1.87	.82	.98	1.00	22.4	6.6	2.16	.84	1.00	1.00
	920	435	27.2	8.0	1.40	.82	.97	1.00	25.8	7.6	1.63	.83	.99	1.00	24.6	7.2	1.88	.86	1.00	1.00	23.2	6.8	2.17	.88	1.00	1.00
67°F (19°C)	700	330	27.0	7.9	1.40	.59	.72	.85	25.8	7.6	1.62	.61	.74	.88	24.4	7.2	1.88	.62	.76	.90	23.0	6.7	2.17	.63	.78	.93
	800	380	27.8	8.1	1.40	.61	.76	.90	26.6	7.8	1.63	.62	.78	.92	25.2	7.4	1.88	.64	.79	.95	23.6	6.9	2.17	.65	.82	.97
	920	435	28.6	8.4	1.41	.64	.79	.95	27.2	8.0	1.63	.64	.81	.97	25.8	7.6	1.88	.65	.83	.99	24.2	7.1	2.17	.68	.86	1.00
71°F (22°C)	700	330	28.4	8.3	1.41	.45	.58	.70	27.2	8.0	1.63	.45	.58	.71	25.8	7.6	1.89	.46	.60	.74	24.2	7.1	2.17	.47	.61	.76
	800	380	29.2	8.6	1.41	.46	.60	.74	28.0	8.2	1.64	.47	.61	.75	26.4	7.7	1.89	.47	.62	.76	24.8	7.3	2.17	.48	.64	.79
	920	435	30.0	8.8	1.42	.47	.62	.76	28.6	8.4	1.65	.48	.63	.79	27.0	7.9	1.90	.48	.65	.81	25.4	7.4	2.18	.48	.67	.84

HSXA19-024 - C33-38A/B - CX34-38A/B-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	19.3	5.7	.80	.71	.84	.95	18.5	5.4	.96	.72	.85	.97	17.6	5.2	1.14	.74	.87	.99	16.7	4.9	1.34	.76	.89	1.00
	560	265	20.4	6.0	.81	.75	.89	1.00	19.6	5.7	.96	.76	.91	1.00	18.6	5.5	1.14	.78	.93	1.00	17.5	5.1	1.35	.80	.95	1.00
	660	310	21.4	6.3	.81	.78	.94	1.00	20.4	6.0	.97	.80	.96	1.00	19.3	5.7	1.14	.82	.98	1.00	18.3	5.4	1.35	.84	1.00	1.00
67°F (19°C)	460	215	20.6	6.0	.81	.57	.69	.80	19.7	5.8	.96	.58	.70	.81	18.7	5.5	1.14	.59	.70	.83	17.8	5.2	1.35	.60	.73	.85
	560	265	21.6	6.3	.81	.60	.72	.85	20.8	6.1	.97	.60	.74	.87	19.8	5.8	1.14	.61	.75	.89	18.7	5.5	1.35	.62	.77	.92
	660	310	22.6	6.6	.82	.62	.76	.90	21.6	6.3	.97	.62	.77	.92	20.6	6.0	1.15	.63	.79	.94	19.4	5.7	1.35	.63	.81	.97
71°F (22°C)	460	215	21.8	6.4	.81	.45	.56	.66	21.0	6.2	.97	.44	.56	.67	19.9	5.8	1.14	.45	.57	.68	18.9	5.5	1.35	.45	.58	.69
	560	265	23.0	6.7	.82	.45	.58	.69	22.0	6.4	.97	.46	.59	.71	21.0	6.2	1.15	.46	.60	.72	19.8	5.8	1.35	.47	.61	.75
	660	310	24.0	7.0	.83	.46	.60	.73	22.8	6.7	.98	.47	.61	.75	21.6	6.3	1.15	.47	.62	.76	20.4	6.0	1.35	.47	.63	.79

HSXA19-024 - C33-38A/B - CX34-38A/B-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.8	7.6	1.39	.74	.88	1.00	24.6	7.2	1.61	.76	.90	1.00	23.4	6.9	1.87	.78	.92	1.00	22.0	6.4	2.16	.80	.95	1.00
	800	380	26.6	7.8	1.40	.77	.92	1.00	25.4	7.4	1.62	.79	.94	1.00	24.0	7.0	1.87	.81	.97	1.00	22.6	6.6	2.16	.83	.99	1.00
	920	435	27.4	8.0	1.40	.80	.96	1.00	26.0	7.6	1.63	.82	.98	1.00	24.6	7.2	1.88	.84	1.00	1.00	23.4	6.9	2.17	.87	1.00	1.00
67°F (19°C)	700	330	27.2	8.0	1.40	.59	.72	.84	26.0	7.6	1.62	.60	.73	.86	24.6	7.2	1.88	.61	.75	.89	23.2	6.8	2.16	.61	.77	.92
	800	380	28.0	8.2	1.41	.61	.75	.89	26.8	7.9	1.63	.62	.77	.91	25.4	7.4	1.88	.62	.78	.93	23.8	7.0	2.17	.64	.80	.96
	920	435	28.8	8.4	1.41	.62	.78	.93	27.4	8.0	1.64	.64	.80	.95	26.0	7.6	1.89	.65	.82	.98	24.4	7.2	2.17	.67	.85	1.00
71°F (22°C)	700	330	28.6	8.4	1.41	.45	.57	.69	27.4	8.0	1.63	.45	.59	.71	26.0	7.6	1.89	.46	.60	.73	24.4	7.2	2.18	.47	.60	.75
	800	380	29.4	8.6	1.42	.46	.60	.73	28.0	8.2	1.64	.46	.60	.74	26.6	7.8	1.89	.47	.61	.76	25.0	7.3	2.18	.47	.63	.78
	920	435	30.2	8.9	1.42	.47	.60	.76	28.8	8.4	1.65	.47	.62	.78	27.2	8.0	1.89	.47	.64	.80	25.6	7.5	2.18	.48	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C33-42B with G61MPV-36B-045 - CX34-42B-6F with G61MPV-36B-045 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	610	290	20.4	6.0	.81	.77	.91	1.00	19.6	5.7	.96	.79	.93	1.00	18.6	5.5	1.14	.80	.96	1.00	17.6	5.2	1.35	.82	.98	1.00
(17°C)	665	315	20.8	6.1	.81	.79	.94	1.00	20.0	5.9	.97	.80	.96	1.00	19.0	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F	610	290	21.4	6.3	.81	.61	.75	.88	20.6	6.0	.97	.62	.76	.90	19.5	5.7	1.14	.63	.78	.92	18.4	5.4	1.35	.64	.80	.95
(19°C)	665	315	22.0	6.4	.82	.62	.76	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.14	.64	.80	.95	18.8	5.5	1.35	.65	.82	.97
71°F	610	290	22.4	6.6	.82	.46	.60	.72	21.4	6.3	.97	.47	.60	.73	20.4	6.0	1.15	.47	.61	.75	19.4	5.7	1.35	.48	.63	.77
(22°C)	665	315	23.0	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.75	21.0	6.2	1.15	.48	.63	.77	19.8	5.8	1.35	.48	.64	.79

HSXA19-024 - C33-42B with G61MPV-36B-045 - CX34-42B-6F with G61MPV-36B-045 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	840	395	26.2	7.7	1.39	.79	.93	1.00	25.0	7.3	1.62	.80	.96	1.00	23.8	7.0	1.87	.82	.98	1.00	22.4	6.6	2.16	.84	1.00	1.00
(17°C)	945	445	26.8	7.9	1.40	.81	.97	1.00	25.6	7.5	1.62	.83	.99	1.00	24.4	7.2	1.88	.85	1.00	1.00	23.0	6.7	2.17	.88	1.00	1.00
67°F	840	395	27.4	8.0	1.40	.62	.76	.90	26.0	7.6	1.63	.63	.78	.92	24.6	7.2	1.88	.64	.80	.95	23.2	6.8	2.16	.66	.82	.98
(19°C)	945	445	28.0	8.2	1.41	.64	.79	.94	26.6	7.8	1.63	.65	.81	.96	25.2	7.4	1.88	.66	.83	.98	23.8	7.0	2.17	.67	.86	1.00
71°F	840	395	28.6	8.4	1.41	.47	.61	.74	27.2	8.0	1.63	.47	.62	.76	25.8	7.6	1.89	.48	.63	.78	24.4	7.2	2.17	.48	.65	.80
(22°C)	945	445	29.2	8.6	1.42	.48	.62	.77	27.8	8.1	1.64	.48	.64	.79	26.4	7.7	1.89	.49	.65	.81	24.8	7.3	2.17	.49	.67	.83

HSXA19-024 - C33-38B with G61MPV-36B-045 - CX34-38B-6F with G61MPV-36B-045 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	610	290	21.0	6.2	.81	.77	.91	1.00	20.0	5.9	.96	.78	.93	1.00	19.0	5.6	1.14	.80	.95	1.00	17.9	5.2	1.35	.82	.98	1.00
(17°C)	665	315	21.4	6.3	.81	.79	.94	1.00	20.4	6.0	.97	.80	.96	1.00	19.4	5.7	1.14	.82	.98	1.00	18.3	5.4	1.35	.84	1.00	1.00
67°F	610	290	22.2	6.5	.82	.61	.74	.87	21.2	6.2	.97	.61	.76	.89	20.2	5.9	1.15	.62	.77	.92	19.0	5.6	1.35	.64	.79	.94
(19°C)	665	315	22.6	6.6	.82	.62	.76	.90	21.6	6.3	.97	.62	.78	.92	20.6	6.0	1.15	.63	.79	.94	19.4	5.7	1.35	.63	.82	.98
71°F	610	290	23.6	6.9	.82	.46	.59	.71	22.4	6.6	.98	.46	.60	.73	21.4	6.3	1.15	.46	.61	.75	20.2	5.9	1.36	.47	.62	.76
(22°C)	665	315	24.0	7.0	.83	.46	.60	.73	22.8	6.7	.98	.47	.61	.75	21.8	6.4	1.15	.47	.62	.77	20.4	6.0	1.35	.47	.63	.79

HSXA19-024 - C33-38B with G61MPV-36B-045 - CX34-38B-6F with G61MPV-36B-045 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	840	395	27.0	7.9	1.40	.78	.93	1.00	25.6	7.5	1.62	.80	.96	1.00	24.2	7.1	1.88	.82	.98	1.00	22.8	6.7	2.16	.84	1.00	1.00
(17°C)	945	445	27.6	8.1	1.40	.81	.97	1.00	26.2	7.7	1.63	.83	.99	1.00	24.8	7.3	1.88	.85	1.00	1.00	23.6	6.9	2.17	.88	1.00	1.00
67°F	840	395	28.4	8.3	1.41	.62	.76	.90	27.0	7.9	1.63	.62	.78	.92	25.6	7.5	1.89	.63	.80	.95	24.0	7.0	2.17	.65	.82	.98
(19°C)	945	445	29.0	8.5	1.41	.63	.79	.94	27.6	8.1	1.64	.64	.81	.96	26.0	7.6	1.89	.64	.83	.99	24.6	7.2	2.17	.67	.86	1.00
71°F	840	395	29.8	8.7	1.42	.46	.60	.74	28.2	8.3	1.64	.47	.60	.76	26.8	7.9	1.90	.47	.62	.77	25.2	7.4	2.18	.47	.64	.80
(22°C)	945	445	30.4	8.9	1.42	.47	.61	.77	29.0	8.5	1.65	.47	.63	.78	27.4	8.0	1.90	.47	.64	.81	25.8	7.6	2.18	.48	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C33-38B with G61MPV-36B-070 - CX34-38B-6F with G61MPV-36B-070 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	625	295	21.0	6.2	.81	.77	.92	1.00	20.0	5.9	.97	.79	.94	1.00	19.1	5.6	1.14	.80	.96	1.00	18.0	5.3	1.35	.83	.99	1.00
(17°C)	680	320	21.4	6.3	.81	.79	.95	1.00	20.4	6.0	.97	.80	.96	1.00	19.5	5.7	1.14	.83	.99	1.00	18.4	5.4	1.35	.85	1.00	1.00
67°F	625	295	22.4	6.6	.82	.61	.75	.88	21.4	6.3	.97	.62	.76	.90	20.2	5.9	1.15	.62	.78	.92	19.2	5.6	1.35	.63	.80	.95
(19°C)	680	320	22.8	6.7	.82	.62	.77	.91	21.8	6.4	.97	.62	.78	.93	20.8	6.1	1.15	.64	.80	.95	19.5	5.7	1.35	.65	.82	.98
71°F	625	295	23.6	6.9	.82	.46	.59	.72	22.6	6.6	.98	.47	.60	.74	21.4	6.3	1.15	.47	.61	.75	20.2	5.9	1.36	.47	.62	.77
(22°C)	680	320	24.0	7.0	.83	.46	.60	.74	23.0	6.7	.98	.47	.60	.76	21.8	6.4	1.15	.47	.62	.77	20.6	6.0	1.35	.48	.64	.80

HSXA19-024 - C33-38B with G61MPV-36B-070 - CX34-38B-6F with G61MPV-36B-070 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	830	390	26.8	7.9	1.40	.78	.93	1.00	25.6	7.5	1.62	.80	.95	1.00	24.2	7.1	1.88	.81	.98	1.00	22.8	6.7	2.16	.84	1.00	1.00
(17°C)	930	440	27.4	8.0	1.40	.81	.97	1.00	26.2	7.7	1.63	.82	.99	1.00	24.8	7.3	1.88	.85	1.00	1.00	23.4	6.9	2.17	.87	1.00	1.00
67°F	830	390	28.2	8.3	1.41	.62	.76	.90	27.0	7.9	1.63	.62	.77	.92	25.4	7.4	1.89	.63	.79	.94	24.0	7.0	2.17	.64	.82	.98
(19°C)	930	440	29.0	8.5	1.41	.62	.79	.94	27.6	8.1	1.64	.64	.80	.96	26.0	7.6	1.89	.65	.83	.99	24.4	7.2	2.17	.66	.85	1.00
71°F	830	390	29.8	8.7	1.42	.46	.60	.74	28.2	8.3	1.64	.47	.60	.75	26.8	7.9	1.89	.47	.62	.77	25.2	7.4	2.18	.47	.63	.79
(22°C)	930	440	30.2	8.9	1.42	.47	.61	.76	28.8	8.4	1.65	.47	.63	.78	27.2	8.0	1.90	.47	.64	.80	25.6	7.5	2.18	.48	.66	.83

HSXA19-024 - C33-36A with G60UHV-36A-070 - CX34-36A-6F with G60UHV-36A-070 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	630	295	20.6	6.0	.81	.78	.92	1.00	19.7	5.8	.96	.79	.94	1.00	18.8	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
(17°C)	670	315	21.0	6.2	.81	.79	.94	1.00	20.0	5.9	.97	.81	.96	1.00	19.1	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F	630	295	21.6	6.3	.81	.61	.75	.88	20.6	6.0	.97	.62	.77	.91	19.7	5.8	1.14	.63	.79	.93	18.6	5.5	1.35	.65	.81	.96
(19°C)	670	315	22.0	6.4	.82	.62	.77	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.14	.64	.80	.95	18.8	5.5	1.35	.66	.82	.98
71°F	630	295	22.6	6.6	.82	.46	.60	.73	21.8	6.4	.97	.47	.61	.74	20.6	6.0	1.15	.47	.62	.76	19.5	5.7	1.35	.48	.63	.78
(22°C)	670	315	23.0	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.76	21.0	6.2	1.15	.48	.63	.77	19.8	5.8	1.35	.48	.64	.80

HSXA19-024 - C33-36A with G60UHV-36A-070 - CX34-36A-6F with G60UHV-36A-070 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	830	390	26.2	7.7	1.39	.78	.93	1.00	25.0	7.3	1.62	.80	.95	1.00	23.6	6.9	1.87	.82	.98	1.00	22.2	6.5	2.16	.84	1.00	1.00
(17°C)	915	430	26.6	7.8	1.40	.80	.96	1.00	25.4	7.4	1.62	.82	.98	1.00	24.2	7.1	1.87	.84	1.00	1.00	22.8	6.7	2.16	.87	1.00	1.00
67°F	830	390	27.4	8.0	1.40	.62	.76	.90	26.0	7.6	1.63	.63	.78	.92	24.6	7.2	1.88	.64	.80	.94	23.2	6.8	2.16	.65	.82	.97
(19°C)	915	430	27.8	8.1	1.41	.63	.78	.93	26.4	7.7	1.63	.64	.80	.95	25.0	7.3	1.88	.65	.82	.98	23.6	6.9	2.17	.67	.84	1.00
71°F	830	390	28.4	8.3	1.41	.47	.61	.74	27.2	8.0	1.63	.47	.62	.75	25.8	7.6	1.89	.48	.63	.77	24.2	7.1	2.17	.48	.64	.80
(22°C)	915	430	29.0	8.5	1.41	.47	.62	.76	27.6	8.1	1.64	.48	.63	.78	26.2	7.7	1.89	.48	.64	.80	24.6	7.2	2.17	.49	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C33-36B with G60UHV-36B-090 - CX34-36B-6F with G60UHV-36B-090 - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	625	295	20.6	6.0	.81	.78	.92	1.00	19.7	5.8	.96	.79	.94	1.00	18.7	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
(17°C)	670	315	21.0	6.2	.81	.79	.94	1.00	20.0	5.9	.97	.81	.96	1.00	19.1	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F	625	295	21.6	6.3	.81	.61	.75	.88	20.6	6.0	.97	.62	.77	.90	19.6	5.7	1.14	.63	.78	.93	18.5	5.4	1.35	.64	.80	.95
(19°C)	670	315	22.0	6.4	.82	.62	.77	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.14	.64	.80	.95	18.8	5.5	1.35	.66	.82	.98
71°F	625	295	22.6	6.6	.82	.46	.60	.73	21.6	6.3	.97	.47	.61	.74	20.6	6.0	1.15	.47	.62	.76	19.5	5.7	1.35	.48	.63	.78
(22°C)	670	315	23.0	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.76	21.0	6.2	1.15	.48	.63	.77	19.8	5.8	1.35	.48	.64	.80

HSXA19-024 - C33-36B with G60UHV-36B-090 - CX34-36B-6F with G60UHV-36B-090 - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	825	390	26.0	7.6	1.39	.78	.93	1.00	24.8	7.3	1.62	.80	.95	1.00	23.6	6.9	1.87	.82	.97	1.00	22.2	6.5	2.16	.84	1.00	1.00
(17°C)	905	425	26.6	7.8	1.40	.80	.96	1.00	25.4	7.4	1.62	.82	.98	1.00	24.0	7.0	1.87	.84	1.00	1.00	22.8	6.7	2.17	.86	1.00	1.00
67°F	825	390	27.2	8.0	1.40	.62	.76	.90	26.0	7.6	1.63	.63	.78	.92	24.6	7.2	1.88	.64	.79	.94	23.2	6.8	2.16	.65	.82	.97
(19°C)	905	425	27.8	8.1	1.41	.63	.78	.92	26.4	7.7	1.63	.64	.80	.95	25.0	7.3	1.88	.65	.82	.97	23.6	6.9	2.17	.67	.84	1.00
71°F	825	390	28.4	8.3	1.41	.47	.60	.74	27.2	8.0	1.63	.47	.61	.75	25.8	7.6	1.89	.48	.63	.77	24.2	7.1	2.17	.48	.64	.80
(22°C)	905	425	29.0	8.5	1.41	.47	.62	.76	27.6	8.1	1.64	.48	.63	.78	26.2	7.7	1.89	.48	.64	.80	24.6	7.2	2.17	.49	.66	.82

HSXA19-024 - C33-38A with G60UHV-36A-070 - CX34-38A-6F with G60UHV-36A-070 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	630	295	21.0	6.2	.81	.77	.92	1.00	20.2	5.9	.97	.79	.94	1.00	19.1	5.6	1.14	.80	.96	1.00	18.0	5.3	1.35	.83	.99	1.00
(17°C)	670	315	21.4	6.3	.81	.79	.94	1.00	20.4	6.0	.97	.80	.96	1.00	19.4	5.7	1.14	.82	.98	1.00	18.4	5.4	1.35	.84	1.00	1.00
67°F	630	295	22.4	6.6	.82	.61	.75	.88	21.4	6.3	.97	.62	.76	.90	20.4	6.0	1.15	.62	.78	.93	19.2	5.6	1.35	.64	.80	.96
(19°C)	670	315	22.8	6.7	.82	.62	.76	.90	21.6	6.3	.97	.62	.78	.92	20.6	6.0	1.15	.63	.79	.95	19.4	5.7	1.35	.63	.82	.98
71°F	630	295	23.6	6.9	.82	.46	.60	.72	22.6	6.6	.98	.47	.60	.74	21.4	6.3	1.15	.47	.60	.75	20.2	5.9	1.35	.47	.63	.77
(22°C)	670	315	24.0	7.0	.83	.46	.60	.74	23.0	6.7	.98	.47	.61	.75	21.8	6.4	1.15	.47	.62	.77	20.6	6.0	1.36	.48	.63	.79

HSXA19-024 - C33-38A with G60UHV-36A-070 - CX34-38A-6F with G60UHV-36A-070 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	830	390	26.8	7.9	1.40	.78	.93	1.00	25.6	7.5	1.62	.80	.95	1.00	24.2	7.1	1.88	.81	.98	1.00	22.8	6.7	2.16	.84	1.00	1.00
(17°C)	915	430	27.4	8.0	1.40	.80	.96	1.00	26.0	7.6	1.63	.82	.98	1.00	24.6	7.2	1.88	.85	1.00	1.00	23.4	6.9	2.17	.87	1.00	1.00
67°F	830	390	28.2	8.3	1.41	.62	.76	.90	27.0	7.9	1.63	.62	.77	.92	25.4	7.4	1.89	.63	.79	.94	24.0	7.0	2.17	.64	.82	.98
(19°C)	915	430	28.8	8.4	1.41	.62	.78	.93	27.4	8.0	1.63	.64	.80	.95	26.0	7.6	1.89	.65	.82	.98	24.4	7.2	2.17	.67	.84	1.00
71°F	830	390	29.8	8.7	1.42	.46	.60	.74	28.2	8.3	1.64	.47	.60	.75	26.8	7.9	1.89	.47	.62	.77	25.2	7.4	2.18	.47	.63	.79
(22°C)	915	430	30.2	8.9	1.42	.47	.61	.76	28.8	8.4	1.65	.47	.62	.78	27.2	8.0	1.89	.47	.64	.80	25.6	7.5	2.18	.48	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - C33-38B with G60UHV-36B-090 - CX34-38B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	625	295	20.6	6.0	.81	.78	.92	1.00	19.7	5.8	.96	.79	.94	1.00	18.7	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
(17°C)	670	315	21.0	6.2	.81	.79	.94	1.00	20.0	5.9	.97	.81	.96	1.00	19.1	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F	625	295	21.6	6.3	.81	.61	.75	.88	20.6	6.0	.97	.62	.77	.90	19.6	5.7	1.14	.63	.78	.93	18.5	5.4	1.35	.64	.80	.95
(19°C)	670	315	22.0	6.4	.82	.62	.77	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.14	.64	.80	.95	18.8	5.5	1.35	.66	.82	.98
71°F	625	295	22.6	6.6	.82	.46	.60	.73	21.6	6.3	.97	.47	.61	.74	20.6	6.0	1.15	.47	.62	.76	19.5	5.7	1.35	.48	.63	.78
(22°C)	670	315	23.0	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.76	21.0	6.2	1.15	.48	.63	.77	19.8	5.8	1.35	.48	.64	.80

HSXA19-024 - C33-38B with G60UHV-36B-090 - CX34-38B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	825	390	26.0	7.6	1.39	.78	.93	1.00	24.8	7.3	1.62	.80	.95	1.00	23.6	6.9	1.87	.82	.97	1.00	22.2	6.5	2.16	.84	1.00	1.00
(17°C)	905	425	26.6	7.8	1.40	.80	.96	1.00	25.4	7.4	1.62	.82	.98	1.00	24.0	7.0	1.87	.84	1.00	1.00	22.8	6.7	2.17	.86	1.00	1.00
67°F	825	390	27.2	8.0	1.40	.62	.76	.90	26.0	7.6	1.63	.63	.78	.92	24.6	7.2	1.88	.64	.79	.94	23.2	6.8	2.16	.65	.82	.97
(19°C)	905	425	27.8	8.1	1.41	.63	.78	.92	26.4	7.7	1.63	.64	.80	.95	25.0	7.3	1.88	.65	.82	.97	23.6	6.9	2.17	.67	.84	1.00
71°F	825	390	28.4	8.3	1.41	.47	.60	.74	27.2	8.0	1.63	.47	.61	.75	25.8	7.6	1.89	.48	.63	.77	24.2	7.1	2.17	.48	.64	.80
(22°C)	905	425	29.0	8.5	1.41	.47	.62	.76	27.6	8.1	1.64	.48	.63	.78	26.2	7.7	1.89	.48	.64	.80	24.6	7.2	2.17	.49	.66	.82

HSXA19-024 - CR26-30N-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.7	5.5	.80	.72	.83	.95	17.9	5.2	.96	.73	.85	.96	17.1	5.0	1.14	.74	.87	.98	16.2	4.7	1.34	.75	.89	1.00
	560	265	19.7	5.8	.80	.75	.88	.99	18.9	5.5	.96	.76	.90	1.00	17.9	5.2	1.14	.77	.92	1.00	17.0	5.0	1.35	.79	.94	1.00
	660	310	20.4	6.0	.81	.78	.92	1.00	19.6	5.7	.96	.79	.94	1.00	18.6	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
67°F (19°C)	460	215	19.9	5.8	.80	.58	.69	.80	19.1	5.6	.96	.59	.70	.81	18.2	5.3	1.14	.59	.71	.83	17.2	5.0	1.34	.59	.73	.85
	560	265	21.0	6.2	.81	.59	.72	.84	20.0	5.9	.96	.60	.73	.86	19.1	5.6	1.14	.61	.75	.88	18.0	5.3	1.35	.62	.77	.91
	660	310	21.6	6.3	.81	.62	.75	.89	20.8	6.1	.97	.62	.77	.91	19.7	5.8	1.14	.63	.78	.93	18.6	5.5	1.35	.65	.81	.96
71°F (22°C)	460	215	21.0	6.2	.81	.43	.56	.66	20.2	5.9	.97	.44	.57	.67	19.3	5.7	1.14	.44	.58	.69	18.2	5.3	1.35	.45	.58	.70
	560	265	22.2	6.5	.82	.46	.58	.70	21.2	6.2	.97	.46	.58	.71	20.2	5.9	1.15	.46	.60	.72	19.1	5.6	1.35	.47	.61	.74
	660	310	23.0	6.7	.82	.47	.60	.73	22.0	6.4	.97	.47	.61	.74	20.8	6.1	1.15	.46	.62	.76	19.7	5.8	1.35	.48	.63	.78

HSXA19-024 - CR26-30N-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	24.8	7.3	1.39	.74	.87	.99	23.6	6.9	1.61	.76	.89	1.00	22.4	6.6	1.87	.77	.91	1.00	21.2	6.2	2.15	.79	.94	1.00
	800	380	25.4	7.4	1.39	.77	.91	1.00	24.4	7.2	1.62	.78	.93	1.00	23.0	6.7	1.87	.80	.95	1.00	21.8	6.4	2.15	.82	.98	1.00
	920	435	26.2	7.7	1.40	.80	.95	1.00	25.0	7.3	1.62	.81	.97	1.00	23.6	6.9	1.87	.83	.99	1.00	22.2	6.5	2.16	.86	1.00	1.00
67°F (19°C)	700	330	26.2	7.7	1.40	.60	.72	.84	25.0	7.3	1.61	.60	.73	.86	23.6	6.9	1.87	.61	.75	.88	22.2	6.5	2.16	.62	.77	.91
	800	380	26.8	7.9	1.40	.61	.74	.88	25.6	7.5	1.62	.62	.76	.90	24.2	7.1	1.88	.63	.78	.92	22.8	6.7	2.16	.64	.80	.95
	920	435	27.4	8.0	1.40	.63	.77	.92	26.2	7.7	1.63	.64	.79	.94	24.8	7.3	1.88	.65	.81	.96	23.2	6.8	2.17	.66	.84	.99
71°F (22°C)	700	330	27.6	8.1	1.40	.45	.58	.70	26.2	7.7	1.63	.46	.58	.71	25.0	7.3	1.88	.46	.60	.72	23.4	6.9	2.17	.47	.61	.74
	800	380	28.2	8.3	1.41	.46	.59	.72	27.0	7.9	1.63	.47	.61	.74	25.6	7.5	1.88	.47	.62	.75	24.0	7.0	2.17	.47	.63	.78
	920	435	28.8	8.4	1.41	.47	.61	.75	27.6	8.1	1.64	.48	.63	.77	26.0	7.6	1.89	.47	.64	.79	24.4	7.2	2.17	.49	.65	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CR26-36N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	19.2	5.6	.80	.71	.84	.95	18.3	5.4	.96	.73	.85	.97	17.5	5.1	1.14	.74	.87	.99	16.5	4.8	1.34	.76	.90	1.00
	560	265	20.2	5.9	.81	.75	.89	1.00	19.4	5.7	.96	.77	.91	1.00	18.5	5.4	1.14	.78	.93	1.00	17.4	5.1	1.35	.80	.95	1.00
	660	310	21.2	6.2	.81	.79	.94	1.00	20.2	5.9	.97	.80	.96	1.00	19.2	5.6	1.14	.82	.98	1.00	18.1	5.3	1.35	.84	1.00	1.00
67°F (19°C)	460	215	20.4	6.0	.81	.57	.69	.80	19.6	5.7	.96	.58	.70	.82	18.7	5.5	1.14	.59	.71	.83	17.6	5.2	1.35	.60	.73	.86
	560	265	21.6	6.3	.81	.59	.73	.85	20.6	6.0	.97	.60	.74	.87	19.6	5.7	1.14	.61	.75	.89	18.5	5.4	1.35	.62	.77	.92
	660	310	22.4	6.6	.82	.62	.76	.90	21.4	6.3	.97	.63	.78	.92	20.2	5.9	1.14	.64	.79	.94	19.1	5.6	1.35	.65	.82	.97
71°F (22°C)	460	215	21.6	6.3	.81	.44	.56	.66	20.8	6.1	.97	.44	.56	.67	19.7	5.8	1.14	.45	.57	.69	18.7	5.5	1.35	.46	.58	.70
	560	265	22.8	6.7	.82	.46	.58	.70	21.8	6.4	.97	.46	.59	.71	20.8	6.1	1.15	.46	.60	.73	19.6	5.7	1.35	.46	.61	.75
	660	310	23.6	6.9	.82	.46	.60	.73	22.6	6.6	.98	.46	.61	.75	21.4	6.3	1.15	.47	.62	.77	20.2	5.9	1.35	.48	.64	.79

HSXA19-024 - CR26-36N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.4	7.4	1.39	.75	.88	1.00	24.2	7.1	1.62	.76	.90	1.00	23.0	6.7	1.87	.78	.93	1.00	21.6	6.3	2.15	.80	.95	1.00
	800	380	26.2	7.7	1.39	.77	.92	1.00	25.0	7.3	1.62	.79	.94	1.00	23.8	7.0	1.87	.81	.97	1.00	22.4	6.6	2.16	.83	.99	1.00
	920	435	27.0	7.9	1.40	.81	.96	1.00	25.6	7.5	1.62	.82	.98	1.00	24.4	7.2	1.87	.85	1.00	1.00	23.0	6.7	2.17	.87	1.00	1.00
67°F (19°C)	700	330	27.0	7.9	1.40	.59	.72	.85	25.6	7.5	1.62	.60	.74	.87	24.2	7.1	1.88	.61	.75	.89	22.8	6.7	2.16	.62	.77	.92
	800	380	27.6	8.1	1.40	.61	.75	.89	26.4	7.7	1.63	.62	.77	.91	25.0	7.3	1.88	.63	.79	.93	23.4	6.9	2.16	.65	.81	.96
	920	435	28.4	8.3	1.41	.63	.79	.93	27.0	7.9	1.63	.64	.80	.95	25.4	7.4	1.88	.65	.82	.98	24.0	7.0	2.17	.67	.85	1.00
71°F (22°C)	700	330	28.2	8.3	1.40	.45	.58	.70	27.0	7.9	1.63	.46	.59	.71	25.6	7.5	1.88	.46	.60	.73	24.0	7.0	2.17	.46	.61	.75
	800	380	29.0	8.5	1.42	.46	.60	.73	27.6	8.1	1.64	.46	.61	.74	26.2	7.7	1.89	.47	.62	.76	24.6	7.2	2.17	.47	.63	.79
	920	435	29.8	8.7	1.42	.47	.62	.76	28.4	8.3	1.64	.47	.63	.78	26.8	7.9	1.89	.48	.64	.80	25.2	7.4	2.18	.49	.66	.83

HSXA19-024 - CH33-24/30A-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.6	5.5	.83	.72	.84	.95	17.9	5.2	.99	.73	.85	.97	17.1	5.0	1.18	.74	.87	.99	16.2	4.7	1.39	.76	.89	1.00
	560	265	19.7	5.8	.83	.75	.88	.99	18.9	5.5	.99	.76	.90	1.00	18.0	5.3	1.18	.78	.92	1.00	17.1	5.0	1.39	.79	.94	1.00
	660	310	20.6	6.0	.84	.78	.92	1.00	19.7	5.8	1.00	.79	.94	1.00	18.8	5.5	1.18	.81	.96	1.00	17.8	5.2	1.39	.83	.99	1.00
67°F (19°C)	460	215	19.6	5.7	.83	.58	.69	.80	18.9	5.5	1.00	.59	.70	.82	18.0	5.3	1.17	.59	.72	.83	17.1	5.0	1.39	.60	.73	.86
	560	265	20.8	6.1	.84	.60	.72	.85	19.9	5.8	1.00	.60	.74	.86	18.9	5.5	1.18	.61	.75	.88	17.9	5.2	1.39	.62	.77	.91
	660	310	21.6	6.3	.84	.61	.75	.89	20.6	6.0	1.00	.62	.77	.90	19.7	5.8	1.18	.63	.79	.93	18.5	5.4	1.40	.65	.81	.96
71°F (22°C)	460	215	20.6	6.0	.84	.45	.56	.67	19.7	5.8	1.00	.46	.57	.68	18.8	5.5	1.18	.46	.58	.69	17.9	5.2	1.39	.46	.59	.71
	560	265	21.8	6.4	.84	.46	.58	.70	20.8	6.1	1.00	.46	.59	.71	19.9	5.8	1.18	.47	.60	.73	18.8	5.5	1.40	.47	.61	.74
	660	310	22.6	6.6	.85	.47	.60	.73	21.8	6.4	1.01	.47	.61	.74	20.6	6.0	1.19	.47	.62	.76	19.5	5.7	1.40	.48	.63	.78

HSXA19-024 - CH33-24/30A-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	24.6	7.2	1.38	.74	.87	.99	23.4	6.9	1.61	.75	.89	1.00	22.2	6.5	1.86	.77	.91	1.00	21.0	6.2	2.15	.79	.94	1.00
	800	380	25.2	7.4	1.39	.76	.90	1.00	24.2	7.1	1.61	.78	.92	1.00	23.0	6.7	1.86	.80	.95	1.00	21.6	6.3	2.15	.82	.97	1.00
	920	435	26.0	7.6	1.39	.79	.94	1.00	24.8	7.3	1.62	.81	.96	1.00	23.6	6.9	1.87	.83	.99	1.00	22.2	6.5	2.16	.85	1.00	1.00
67°F (19°C)	700	330	25.8	7.6	1.39	.60	.72	.84	24.6	7.2	1.61	.60	.73	.86	23.4	6.9	1.86	.61	.75	.88	22.0	6.4	2.16	.62	.77	.90
	800	380	26.4	7.7	1.39	.61	.74	.87	25.2	7.4	1.62	.62	.76	.89	24.0	7.0	1.87	.63	.78	.92	22.4	6.6	2.16	.64	.80	.94
	920	435	27.2	8.0	1.40	.62	.77	.91	25.8	7.6	1.62	.63	.79	.93	24.4	7.2	1.87	.65	.81	.96	23.0	6.7	2.16	.66	.83	.99
71°F (22°C)	700	330	26.8	7.9	1.40	.45	.58	.70	25.6	7.5	1.62	.46	.59	.71	24.4	7.2	1.87	.46	.60	.72	23.0	6.7	2.17	.47	.61	.74
	800	380	27.6	8.1	1.40	.46	.60	.72	26.4	7.7	1.63	.47	.60	.74	25.0	7.3	1.88	.47	.62	.75	23.6	6.9	2.17	.48	.63	.78
	920	435	28.4	8.3	1.41	.47	.61	.75	27.0	7.9	1.63	.48	.62	.77	25.6	7.5	1.88	.48	.64	.79	24.2	7.1	2.17	.49	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CH23-41 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.1	5.3	.80	.71	.82	.93	17.3	5.1	.95	.72	.84	.95	16.5	4.8	1.14	.73	.86	.97	15.6	4.6	1.35	.75	.88	.99
	560	265	19.1	5.6	.80	.74	.87	.98	18.3	5.4	.96	.75	.89	1.00	17.4	5.1	1.14	.76	.91	1.00	16.4	4.8	1.35	.78	.93	1.00
	660	310	19.9	5.8	.80	.77	.91	1.00	19.1	5.6	.96	.78	.93	1.00	18.2	5.3	1.14	.80	.96	1.00	17.3	5.1	1.34	.82	.98	1.00
67°F (19°C)	460	215	19.4	5.7	.80	.58	.68	.79	18.6	5.5	.96	.58	.69	.80	17.8	5.2	1.14	.58	.70	.82	16.8	4.9	1.34	.59	.72	.84
	560	265	20.4	6.0	.81	.59	.71	.83	19.6	5.7	.96	.59	.72	.85	18.7	5.5	1.14	.60	.74	.87	17.6	5.2	1.35	.62	.76	.90
	660	310	21.2	6.2	.81	.61	.74	.88	20.4	6.0	.97	.61	.76	.90	19.3	5.7	1.14	.63	.77	.92	18.2	5.3	1.35	.64	.80	.95
71°F (22°C)	460	215	20.8	6.1	.81	.44	.56	.66	19.9	5.8	.96	.44	.56	.67	19.0	5.6	1.14	.44	.57	.68	18.0	5.3	1.35	.45	.58	.69
	560	265	21.8	6.4	.81	.45	.57	.69	21.0	6.2	.97	.45	.58	.70	19.9	5.8	1.14	.46	.59	.71	18.8	5.5	1.35	.46	.60	.73
	660	310	22.6	6.6	.82	.46	.59	.72	21.6	6.3	.97	.46	.60	.73	20.6	6.0	1.15	.47	.61	.75	19.5	5.7	1.35	.48	.62	.77

HSXA19-024 - CH23-41 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	24.4	7.2	1.39	.73	.86	.98	23.2	6.8	1.61	.75	.88	.99	22.0	6.4	1.87	.76	.90	1.00	20.8	6.1	2.15	.78	.93	1.00
	800	380	25.2	7.4	1.39	.76	.90	1.00	24.0	7.0	1.62	.77	.92	1.00	22.6	6.6	1.86	.79	.94	1.00	21.4	6.3	2.16	.81	.97	1.00
	920	435	25.8	7.6	1.39	.79	.94	1.00	24.6	7.2	1.62	.80	.96	1.00	23.4	6.9	1.87	.82	.98	1.00	22.2	6.5	2.16	.84	1.00	1.00
67°F (19°C)	700	330	26.0	7.6	1.39	.59	.71	.83	24.8	7.3	1.62	.60	.72	.85	23.4	6.9	1.87	.61	.74	.87	22.0	6.4	2.16	.62	.76	.90
	800	380	26.6	7.8	1.39	.60	.74	.87	25.4	7.4	1.62	.61	.75	.89	24.0	7.0	1.87	.62	.77	.91	22.6	6.6	2.16	.63	.79	.94
	920	435	27.2	8.0	1.40	.62	.76	.91	26.0	7.6	1.62	.63	.78	.93	24.6	7.2	1.88	.64	.80	.96	23.0	6.7	2.16	.66	.82	.98
71°F (22°C)	700	330	27.4	8.0	1.40	.45	.58	.69	26.2	7.7	1.62	.45	.58	.70	24.8	7.3	1.88	.46	.59	.72	23.4	6.9	2.16	.46	.61	.73
	800	380	28.2	8.3	1.41	.46	.59	.71	26.8	7.9	1.63	.46	.60	.73	25.4	7.4	1.88	.47	.61	.75	24.0	7.0	2.17	.47	.62	.77
	920	435	28.8	8.4	1.41	.47	.61	.74	27.6	8.1	1.64	.47	.62	.76	26.0	7.6	1.89	.48	.63	.78	24.4	7.2	2.17	.49	.64	.80

HSXA19-024 - CH33-36B-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.8	5.5	.80	.72	.84	.95	18.0	5.3	.96	.73	.86	.97	17.2	5.0	1.14	.74	.87	.99	16.2	4.7	1.34	.76	.90	1.00
	560	265	19.9	5.8	.80	.75	.89	1.00	19.1	5.6	.96	.77	.91	1.00	18.2	5.3	1.14	.78	.93	1.00	17.2	5.0	1.35	.80	.95	1.00
	660	310	20.8	6.1	.81	.79	.93	1.00	19.9	5.8	.96	.80	.95	1.00	18.9	5.5	1.14	.82	.98	1.00	17.9	5.2	1.35	.84	1.00	1.00
67°F (19°C)	460	215	19.8	5.8	.80	.58	.70	.81	19.0	5.6	.96	.59	.71	.82	18.1	5.3	1.14	.60	.72	.84	17.2	5.0	1.35	.60	.73	.86
	560	265	21.0	6.2	.81	.60	.73	.85	20.0	5.9	.97	.61	.74	.87	19.1	5.6	1.14	.62	.76	.89	18.1	5.3	1.35	.63	.78	.92
	660	310	21.8	6.4	.81	.62	.76	.90	20.8	6.1	.97	.63	.78	.92	19.8	5.8	1.14	.64	.79	.94	18.7	5.5	1.35	.65	.82	.97
71°F (22°C)	460	215	20.6	6.0	.81	.46	.56	.67	19.8	5.8	.96	.45	.57	.68	18.9	5.5	1.14	.45	.58	.69	18.0	5.3	1.35	.46	.59	.71
	560	265	21.8	6.4	.81	.46	.59	.70	21.0	6.2	.97	.46	.59	.72	20.0	5.9	1.14	.47	.60	.73	19.0	5.6	1.35	.47	.61	.75
	660	310	22.8	6.7	.82	.47	.60	.73	22.0	6.4	.97	.47	.61	.75	20.8	6.1	1.15	.48	.63	.77	19.7	5.8	1.35	.48	.64	.79

HSXA19-024 - CH33-36B-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.0	7.3	1.39	.75	.88	1.00	23.8	7.0	1.61	.76	.90	1.00	22.8	6.7	1.87	.78	.92	1.00	21.4	6.3	2.16	.80	.95	1.00
	800	380	25.8	7.6	1.39	.77	.92	1.00	24.6	7.2	1.62	.79	.94	1.00	23.4	6.9	1.87	.81	.96	1.00	22.0	6.4	2.16	.83	.99	1.00
	920	435	26.6	7.8	1.40	.80	.96	1.00	25.4	7.4	1.62	.82	.98	1.00	24.0	7.0	1.87	.84	1.00	1.00	22.8	6.7	2.17	.87	1.00	1.00
67°F (19°C)	700	330	26.2	7.7	1.40	.60	.72	.85	25.0	7.3	1.62	.61	.74	.87	23.8	7.0	1.87	.62	.75	.89	22.4	6.6	2.16	.63	.77	.92
	800	380	27.0	7.9	1.40	.61	.75	.88	25.8	7.6	1.62	.62	.77	.91	24.4	7.2	1.87	.63	.78	.93	23.0	6.7	2.16	.65	.81	.96
	920	435	27.8	8.1	1.41	.63	.78	.93	26.4	7.7	1.63	.64	.80	.95	25.0	7.3	1.88	.65	.82	.98	23.6	6.9	2.17	.67	.85	1.00
71°F (22°C)	700	330	27.4	8.0	1.40	.46	.58	.70	26.2	7.7	1.62	.46	.59	.72	24.8	7.3	1.88	.47	.60	.73	23.4	6.9	2.17	.47	.61	.75
	800	380	28.2	8.3	1.41	.47	.60	.73	27.0	7.9	1.63	.47	.61	.74	25.6	7.5	1.88	.48	.62	.76	24.0	7.0	2.17	.48	.64	.79
	920	435	29.0	8.5	1.41	.47	.62	.76	27.6	8.1	1.64	.48	.63	.78	26.2	7.7	1.89	.49	.64	.80	24.6	7.2	2.17	.49	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CH33-36A-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.8	5.5	.80	.71	.83	.94	18.0	5.3	.96	.72	.84	.96	17.2	5.0	1.14	.73	.86	.98	16.3	4.8	1.35	.75	.88	1.00
	560	265	19.9	5.8	.81	.74	.87	.99	19.0	5.6	.96	.75	.89	1.00	18.1	5.3	1.14	.77	.92	1.00	17.1	5.0	1.34	.79	.94	1.00
	660	310	20.6	6.0	.81	.77	.92	1.00	19.8	5.8	.96	.79	.94	1.00	18.8	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
67°F (19°C)	460	215	20.0	5.9	.80	.57	.68	.79	19.3	5.7	.96	.58	.70	.81	18.4	5.4	1.14	.58	.70	.82	17.4	5.1	1.35	.59	.72	.85
	560	265	21.2	6.2	.81	.59	.71	.83	20.2	5.9	.96	.60	.73	.86	19.2	5.6	1.14	.61	.74	.88	18.2	5.3	1.35	.62	.76	.90
	660	310	22.0	6.4	.81	.61	.75	.88	21.0	6.2	.97	.62	.76	.90	20.0	5.9	1.14	.63	.78	.93	18.8	5.5	1.35	.64	.80	.95
71°F (22°C)	460	215	21.4	6.3	.81	.45	.56	.66	20.4	6.0	.97	.45	.56	.67	19.5	5.7	1.14	.45	.57	.68	18.4	5.4	1.35	.45	.57	.69
	560	265	22.4	6.6	.82	.45	.57	.69	21.4	6.3	.97	.45	.58	.70	20.4	6.0	1.15	.45	.59	.71	19.4	5.7	1.35	.47	.60	.74
	660	310	23.4	6.9	.82	.45	.59	.72	22.2	6.5	.98	.46	.60	.73	21.2	6.2	1.15	.47	.61	.74	20.0	5.9	1.35	.48	.62	.77

HSXA19-024 - CH33-36A-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.0	7.3	1.39	.74	.87	.99	23.8	7.0	1.61	.75	.88	1.00	22.6	6.6	1.86	.77	.91	1.00	21.4	6.3	2.15	.78	.93	1.00
	800	380	25.8	7.6	1.39	.76	.90	1.00	24.6	7.2	1.61	.78	.92	1.00	23.2	6.8	1.87	.79	.95	1.00	21.8	6.4	2.15	.82	.98	1.00
	920	435	26.4	7.7	1.39	.79	.94	1.00	25.2	7.4	1.62	.81	.97	1.00	23.8	7.0	1.87	.82	.99	1.00	22.4	6.6	2.16	.85	1.00	1.00
67°F (19°C)	700	330	26.4	7.7	1.40	.59	.71	.83	25.2	7.4	1.62	.59	.72	.85	24.0	7.0	1.88	.60	.74	.87	22.4	6.6	2.16	.62	.76	.90
	800	380	27.0	7.9	1.40	.60	.73	.87	25.8	7.6	1.63	.61	.75	.89	24.6	7.2	1.88	.62	.77	.91	23.0	6.7	2.17	.64	.79	.94
	920	435	27.8	8.1	1.40	.62	.77	.91	26.6	7.8	1.63	.63	.78	.93	25.2	7.4	1.88	.64	.80	.96	23.6	6.9	2.17	.66	.83	.99
71°F (22°C)	700	330	27.8	8.1	1.40	.46	.57	.69	26.6	7.8	1.63	.46	.58	.70	25.2	7.4	1.88	.46	.59	.72	23.8	7.0	2.17	.46	.60	.74
	800	380	28.6	8.4	1.41	.46	.59	.71	27.4	8.0	1.64	.46	.60	.73	25.8	7.6	1.89	.47	.61	.75	24.4	7.2	2.17	.47	.62	.77
	920	435	29.4	8.6	1.42	.46	.61	.74	28.0	8.2	1.64	.47	.62	.76	26.4	7.7	1.89	.48	.63	.78	24.8	7.3	2.18	.48	.64	.80

HSXA19-024 - CH23-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	18.7	5.5	.80	.71	.83	.94	17.9	5.2	.96	.72	.84	.96	17.1	5.0	1.14	.73	.86	.98	16.1	4.7	1.34	.75	.88	1.00
	560	265	19.7	5.8	.80	.74	.88	.99	18.8	5.5	.96	.76	.89	1.00	17.9	5.2	1.14	.77	.92	1.00	16.9	5.0	1.35	.79	.94	1.00
	660	310	20.6	6.0	.81	.77	.92	1.00	19.6	5.7	.96	.79	.94	1.00	18.7	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
67°F (19°C)	460	215	20.0	5.9	.80	.57	.69	.79	19.1	5.6	.96	.58	.70	.81	18.2	5.3	1.14	.58	.71	.82	17.3	5.1	1.35	.59	.72	.85
	560	265	21.0	6.2	.81	.59	.72	.84	20.2	5.9	.96	.60	.73	.86	19.2	5.6	1.14	.61	.74	.88	18.1	5.3	1.35	.62	.76	.90
	660	310	21.8	6.4	.81	.61	.75	.89	20.8	6.1	.97	.62	.76	.91	19.8	5.8	1.14	.63	.78	.93	18.7	5.5	1.35	.64	.80	.96
71°F (22°C)	460	215	21.2	6.2	.81	.45	.55	.66	20.4	6.0	.97	.45	.56	.67	19.4	5.7	1.14	.45	.57	.68	18.3	5.4	1.35	.45	.58	.70
	560	265	22.4	6.6	.82	.45	.58	.69	21.4	6.3	.97	.45	.58	.70	20.4	6.0	1.14	.46	.59	.72	19.2	5.6	1.35	.46	.61	.74
	660	310	23.2	6.8	.82	.46	.60	.72	22.2	6.5	.97	.46	.61	.74	21.2	6.2	1.15	.47	.62	.76	19.9	5.8	1.35	.46	.63	.78

HSXA19-024 - CH23-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.0	7.3	1.39	.74	.87	.99	23.8	7.0	1.61	.75	.89	1.00	22.6	6.6	1.86	.77	.91	1.00	21.2	6.2	2.16	.79	.94	1.00
	800	380	25.8	7.6	1.39	.76	.91	1.00	24.6	7.2	1.62	.78	.93	1.00	23.2	6.8	1.86	.80	.95	1.00	22.0	6.4	2.15	.82	.98	1.00
	920	435	26.4	7.7	1.40	.79	.95	1.00	25.2	7.4	1.62	.81	.97	1.00	24.0	7.0	1.88	.83	.99	1.00	22.8	6.7	2.16	.86	1.00	1.00
67°F (19°C)	700	330	26.6	7.8	1.39	.59	.72	.84	25.4	7.4	1.62	.60	.73	.86	24.0	7.0	1.88	.61	.74	.88	22.6	6.6	2.16	.62	.76	.91
	800	380	27.2	8.0	1.40	.61	.74	.87	26.0	7.6	1.62	.62	.76	.90	24.6	7.2	1.88	.63	.78	.92	23.2	6.8	2.17	.64	.80	.95
	920	435	28.0	8.2	1.40	.63	.77	.92	26.6	7.8	1.63	.64	.79	.94	25.2	7.4	1.88	.65	.81	.96	23.6	6.9	2.17	.66	.84	.99
71°F (22°C)	700	330	28.0	8.2	1.41	.46	.58	.69	26.6	7.8	1.63	.46	.58	.70	25.4	7.4	1.88	.46	.59	.72	23.8	7.0	2.17	.46	.61	.74
	800	380	28.8	8.4	1.41	.46	.59	.72	27.4	8.0	1.64	.46	.60	.73	26.0	7.6	1.88	.47	.61	.75	24.4	7.2	2.17	.47	.63	.77
	920	435	29.4	8.6	1.42	.46	.61	.75	28.0	8.2	1.64	.47	.62	.77	26.6	7.8	1.89	.48	.64	.79	25.0	7.3	2.17	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CH33-36C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	460	215	19.0	5.6	.80	.72	.84	.96	18.2	5.3	.96	.73	.86	.98	17.4	5.1	1.14	.75	.88	.99	16.4	4.8	1.34	.76	.90	1.00
	560	265	20.0	5.9	.80	.76	.89	1.00	19.3	5.7	.96	.77	.91	1.00	18.4	5.4	1.14	.79	.93	1.00	17.4	5.1	1.34	.81	.96	1.00
	660	310	21.0	6.2	.81	.79	.94	1.00	20.2	5.9	.97	.81	.96	1.00	19.2	5.6	1.14	.82	.98	1.00	18.2	5.3	1.35	.85	1.00	1.00
67°F (19°C)	460	215	19.9	5.8	.80	.58	.70	.81	19.1	5.6	.96	.59	.71	.82	18.3	5.4	1.14	.60	.72	.84	17.3	5.1	1.35	.60	.74	.86
	560	265	21.2	6.2	.81	.60	.73	.86	20.2	5.9	.97	.61	.74	.87	19.3	5.7	1.14	.62	.76	.90	18.3	5.4	1.35	.63	.78	.92
	660	310	22.2	6.5	.82	.62	.77	.90	21.2	6.2	.97	.63	.78	.92	20.2	5.9	1.15	.64	.80	.95	19.0	5.6	1.35	.66	.82	.98
71°F (22°C)	460	215	20.8	6.1	.81	.45	.56	.67	20.0	5.9	.96	.45	.57	.68	19.1	5.6	1.14	.46	.58	.70	18.1	5.3	1.35	.46	.59	.71
	560	265	22.2	6.5	.82	.46	.59	.71	21.2	6.2	.97	.46	.59	.72	20.2	5.9	1.15	.46	.60	.74	19.1	5.6	1.35	.47	.62	.75
	660	310	23.2	6.8	.82	.47	.61	.74	22.2	6.5	.98	.47	.62	.76	21.0	6.2	1.15	.48	.63	.77	19.9	5.8	1.36	.49	.64	.80

HSXA19-024 - CH33-36C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	25.4	7.4	1.39	.75	.88	1.00	24.2	7.1	1.61	.77	.90	1.00	23.0	6.7	1.87	.78	.93	1.00	21.6	6.3	2.15	.80	.96	1.00
	800	380	26.2	7.7	1.39	.78	.92	1.00	25.0	7.3	1.62	.79	.95	1.00	23.6	6.9	1.88	.81	.97	1.00	22.4	6.6	2.16	.84	1.00	1.00
	920	435	27.0	7.9	1.40	.81	.97	1.00	25.8	7.6	1.62	.83	.99	1.00	24.4	7.2	1.87	.85	1.00	1.00	23.2	6.8	2.17	.88	1.00	1.00
67°F (19°C)	700	330	26.6	7.8	1.40	.60	.73	.85	25.4	7.4	1.62	.61	.74	.87	24.0	7.0	1.87	.62	.76	.90	22.6	6.6	2.16	.63	.78	.92
	800	380	27.4	8.0	1.40	.62	.76	.89	26.2	7.7	1.63	.63	.77	.91	24.8	7.3	1.88	.64	.79	.94	23.2	6.8	2.16	.65	.81	.97
	920	435	28.2	8.3	1.41	.64	.79	.94	26.8	7.9	1.63	.65	.81	.96	25.4	7.4	1.88	.66	.83	.98	23.8	7.0	2.17	.67	.86	1.00
71°F (22°C)	700	330	27.6	8.1	1.40	.46	.59	.71	26.4	7.7	1.63	.46	.59	.72	25.0	7.3	1.88	.46	.60	.74	23.6	6.9	2.17	.47	.62	.76
	800	380	28.6	8.4	1.41	.46	.60	.73	27.2	8.0	1.64	.47	.61	.75	25.8	7.6	1.88	.48	.63	.77	24.4	7.2	2.17	.48	.64	.79
	920	435	29.4	8.6	1.42	.48	.62	.77	28.0	8.2	1.64	.48	.64	.78	26.6	7.8	1.89	.49	.65	.81	25.0	7.3	2.18	.49	.67	.84

HSXA19-024 - CH33-42B-2F with G61MPV-36B-070 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	625	295	20.8	6.1	.81	.77	.91	1.00	19.9	5.8	.96	.78	.93	1.00	18.9	5.5	1.14	.80	.95	1.00	17.8	5.2	1.35	.82	.98	1.00
	680	320	21.2	6.2	.81	.78	.93	1.00	20.2	5.9	.97	.80	.95	1.00	19.2	5.6	1.14	.82	.98	1.00	18.1	5.3	1.35	.84	1.00	1.00
67°F (19°C)	625	295	22.0	6.4	.82	.60	.74	.87	21.2	6.2	.97	.61	.75	.89	20.0	5.9	1.15	.62	.77	.91	18.9	5.5	1.35	.63	.79	.94
	680	320	22.6	6.6	.82	.61	.76	.90	21.6	6.3	.97	.62	.77	.92	20.4	6.0	1.15	.63	.79	.94	19.3	5.7	1.35	.65	.81	.97
71°F (22°C)	625	295	23.4	6.9	.82	.46	.59	.71	22.4	6.6	.98	.46	.60	.73	21.2	6.2	1.15	.47	.61	.75	20.0	5.9	1.35	.47	.62	.76
	680	320	23.8	7.0	.83	.47	.60	.73	22.8	6.7	.98	.47	.61	.75	21.6	6.3	1.15	.47	.61	.76	20.4	6.0	1.35	.47	.63	.78

HSXA19-024 - CH33-42B-2F with G61MPV-36B-070 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	830	390	26.4	7.7	1.40	.77	.92	1.00	25.2	7.4	1.62	.79	.94	1.00	23.8	7.0	1.87	.81	.97	1.00	22.4	6.6	2.16	.83	.99	1.00
	930	440	27.2	8.0	1.40	.80	.95	1.00	25.8	7.6	1.62	.81	.98	1.00	24.4	7.2	1.87	.83	1.00	1.00	23.0	6.7	2.17	.86	1.00	1.00
67°F (19°C)	830	390	28.0	8.2	1.40	.61	.75	.88	26.6	7.8	1.63	.61	.76	.91	25.2	7.4	1.88	.62	.78	.93	23.8	7.0	2.17	.64	.80	.96
	930	440	28.6	8.4	1.41	.61	.77	.92	27.2	8.0	1.64	.63	.79	.94	25.8	7.6	1.89	.64	.81	.97	24.2	7.1	2.17	.66	.84	1.00
71°F (22°C)	830	390	29.4	8.6	1.42	.46	.59	.73	28.0	8.2	1.64	.47	.59	.74	26.4	7.7	1.89	.47	.61	.76	25.0	7.3	2.18	.47	.63	.78
	930	440	30.0	8.8	1.42	.47	.60	.75	28.6	8.4	1.64	.47	.62	.77	27.0	7.9	1.89	.47	.64	.79	25.4	7.4	2.18	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CH33-42B-2F with G61MPV-36B-045 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	610	290	20.6	6.0	.81	.76	.90	1.00	19.8	5.8	.97	.78	.92	1.00	18.8	5.5	1.14	.79	.95	1.00	17.7	5.2	1.35	.81	.97	1.00
(17°C)	665	315	21.0	6.2	.81	.78	.93	1.00	20.2	5.9	.96	.79	.95	1.00	19.2	5.6	1.14	.81	.97	1.00	18.0	5.3	1.35	.83	1.00	1.00
67°F	610	290	22.0	6.4	.81	.60	.73	.86	21.0	6.2	.97	.61	.75	.88	20.0	5.9	1.14	.62	.77	.91	18.8	5.5	1.35	.63	.78	.93
(19°C)	665	315	22.4	6.6	.82	.61	.75	.89	21.4	6.3	.97	.62	.77	.91	20.4	6.0	1.15	.63	.78	.93	19.2	5.6	1.35	.64	.81	.96
71°F	610	290	23.2	6.8	.82	.45	.59	.71	22.2	6.5	.98	.46	.60	.72	21.2	6.2	1.15	.47	.60	.74	19.9	5.8	1.35	.47	.61	.76
(22°C)	665	315	23.8	7.0	.83	.46	.60	.73	22.6	6.6	.98	.47	.60	.74	21.6	6.3	1.15	.47	.61	.76	20.4	6.0	1.35	.47	.63	.78

HSXA19-024 -CH33-42B-2F with G61MPV-36B-045 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	840	395	26.6	7.8	1.39	.78	.92	1.00	25.2	7.4	1.62	.79	.94	1.00	24.0	7.0	1.88	.81	.97	1.00	22.4	6.6	2.16	.83	1.00	1.00
(17°C)	945	445	27.2	8.0	1.40	.80	.96	1.00	25.8	7.6	1.62	.82	.98	1.00	24.4	7.2	1.87	.84	1.00	1.00	23.2	6.8	2.17	.86	1.00	1.00
67°F	840	395	28.0	8.2	1.41	.61	.75	.89	26.6	7.8	1.63	.61	.77	.91	25.2	7.4	1.88	.63	.79	.94	23.8	7.0	2.17	.64	.81	.97
(19°C)	945	445	28.6	8.4	1.41	.62	.78	.93	27.2	8.0	1.63	.63	.79	.95	25.8	7.6	1.89	.65	.82	.98	24.2	7.1	2.17	.66	.84	1.00
71°F	840	395	29.4	8.6	1.42	.46	.60	.73	28.0	8.2	1.64	.47	.59	.74	26.6	7.8	1.89	.47	.61	.76	25.0	7.3	2.18	.47	.64	.78
(22°C)	945	445	30.0	8.8	1.42	.47	.60	.76	28.6	8.4	1.64	.47	.63	.77	27.0	7.9	1.89	.48	.64	.79	25.4	7.4	2.18	.49	.65	.82

HSXA19-024 - CH33-36A-2F with G60UHV-36A-070 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	630	295	20.4	6.0	.81	.76	.90	1.00	19.6	5.7	.96	.78	.93	1.00	18.6	5.5	1.14	.80	.95	1.00	17.5	5.1	1.35	.81	.98	1.00
(17°C)	670	315	20.8	6.1	.81	.78	.92	1.00	19.9	5.8	.96	.79	.94	1.00	18.9	5.5	1.14	.81	.97	1.00	17.8	5.2	1.35	.83	.99	1.00
67°F	630	295	21.8	6.4	.81	.61	.74	.87	20.8	6.1	.97	.61	.76	.89	19.8	5.8	1.14	.62	.77	.91	18.7	5.5	1.35	.63	.79	.94
(19°C)	670	315	22.0	6.4	.82	.61	.75	.89	21.0	6.2	.97	.62	.77	.91	20.0	5.9	1.15	.63	.78	.93	18.9	5.5	1.35	.64	.80	.96
71°F	630	295	23.0	6.7	.82	.45	.58	.71	22.0	6.4	.97	.46	.60	.73	21.0	6.2	1.15	.47	.61	.74	19.8	5.8	1.35	.47	.62	.76
(22°C)	670	315	23.4	6.9	.82	.45	.60	.72	22.4	6.6	.98	.47	.60	.73	21.2	6.2	1.15	.47	.62	.76	20.0	5.9	1.35	.48	.62	.78

HSXA19-024 - CH33-36A-2F with G60UHV-36A-070 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	830	390	26.4	7.7	1.40	.77	.92	1.00	25.2	7.4	1.62	.79	.94	1.00	23.8	7.0	1.87	.81	.97	1.00	22.4	6.6	2.16	.83	.99	1.00
(17°C)	930	440	27.2	8.0	1.40	.80	.95	1.00	25.8	7.6	1.62	.81	.98	1.00	24.4	7.2	1.87	.83	1.00	1.00	23.0	6.7	2.17	.86	1.00	1.00
67°F	830	390	28.0	8.2	1.40	.61	.75	.88	26.6	7.8	1.63	.61	.76	.91	25.2	7.4	1.88	.62	.78	.93	23.8	7.0	2.17	.64	.80	.96
(19°C)	930	440	28.6	8.4	1.41	.61	.77	.92	27.2	8.0	1.64	.63	.79	.94	25.8	7.6	1.89	.64	.81	.97	24.2	7.1	2.17	.66	.84	1.00
71°F	830	390	29.4	8.6	1.42	.46	.59	.73	28.0	8.2	1.64	.47	.59	.74	26.4	7.7	1.89	.47	.61	.76	25.0	7.3	2.18	.47	.63	.78
(22°C)	930	440	30.0	8.8	1.42	.47	.60	.75	28.6	8.4	1.64	.47	.62	.77	27.0	7.9	1.89	.47	.64	.79	25.4	7.4	2.18	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CH33-36B-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	625	295	20.6	6.0	.81	.78	.92	1.00	19.6	5.7	.96	.79	.94	1.00	18.7	5.5	1.14	.80	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
(17°C)	670	315	20.8	6.1	.81	.79	.94	1.00	20.0	5.9	.96	.80	.96	1.00	19.0	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F	625	295	21.6	6.3	.81	.61	.75	.88	20.6	6.0	.97	.62	.76	.90	19.6	5.7	1.14	.63	.78	.92	18.5	5.4	1.35	.64	.80	.95
(19°C)	670	315	22.0	6.4	.81	.62	.76	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.14	.64	.80	.95	18.8	5.5	1.35	.65	.82	.97
71°F	625	295	22.6	6.6	.82	.46	.60	.72	21.6	6.3	.97	.47	.61	.74	20.6	6.0	1.15	.47	.62	.76	19.5	5.7	1.35	.48	.63	.78
(22°C)	670	315	23.0	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.75	21.0	6.2	1.15	.47	.63	.77	19.8	5.8	1.35	.48	.64	.80

HSXA19-024 - CH33-36B-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	825	390	26.0	7.6	1.39	.78	.92	1.00	24.8	7.3	1.62	.80	.95	1.00	23.6	6.9	1.87	.81	.97	1.00	22.2	6.5	2.16	.84	1.00	1.00
(17°C)	905	425	26.6	7.8	1.40	.80	.95	1.00	25.4	7.4	1.62	.82	.97	1.00	24.0	7.0	1.88	.84	.99	1.00	22.6	6.6	2.16	.86	1.00	1.00
67°F	825	390	27.2	8.0	1.40	.62	.76	.89	26.0	7.6	1.62	.63	.77	.91	24.6	7.2	1.88	.64	.79	.94	23.0	6.7	2.16	.65	.82	.97
(19°C)	905	425	27.8	8.1	1.40	.63	.78	.92	26.4	7.7	1.63	.64	.79	.94	25.0	7.3	1.88	.65	.82	.97	23.6	6.9	2.17	.67	.84	1.00
71°F	825	390	28.4	8.3	1.41	.47	.60	.74	27.0	7.9	1.63	.47	.61	.75	25.8	7.6	1.89	.48	.63	.77	24.2	7.1	2.17	.48	.64	.79
(22°C)	905	425	29.0	8.5	1.41	.47	.62	.76	27.6	8.1	1.64	.47	.63	.77	26.2	7.7	1.89	.48	.64	.80	24.6	7.2	2.17	.49	.66	.82

HSXA19-024 - CH33-44/48B-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	625	295	20.6	6.0	.81	.78	.92	1.00	19.7	5.8	.96	.79	.94	1.00	18.7	5.5	1.14	.81	.96	1.00	17.7	5.2	1.35	.83	.99	1.00
(17°C)	670	315	21.0	6.2	.81	.79	.94	1.00	20.0	5.9	.97	.81	.96	1.00	19.1	5.6	1.14	.82	.98	1.00	18.0	5.3	1.35	.85	1.00	1.00
67°F	625	295	21.6	6.3	.81	.61	.75	.88	20.6	6.0	.97	.62	.77	.90	19.6	5.7	1.14	.63	.78	.93	18.5	5.4	1.35	.64	.80	.95
(19°C)	670	315	22.0	6.4	.82	.62	.77	.90	21.0	6.2	.97	.63	.78	.92	19.9	5.8	1.14	.64	.80	.95	18.8	5.5	1.35	.66	.82	.98
71°F	625	295	22.6	6.6	.82	.46	.60	.73	21.6	6.3	.97	.47	.61	.74	20.6	6.0	1.15	.47	.62	.76	19.5	5.7	1.35	.48	.63	.78
(22°C)	670	315	23.0	6.7	.82	.47	.61	.74	22.0	6.4	.97	.47	.62	.76	21.0	6.2	1.15	.48	.63	.77	19.8	5.8	1.35	.48	.64	.80

HSXA19-024 - CH33-44/48B-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	825	390	26.0	7.6	1.39	.78	.93	1.00	24.8	7.3	1.62	.80	.95	1.00	23.6	6.9	1.87	.82	.97	1.00	22.2	6.5	2.16	.84	1.00	1.00
(17°C)	905	425	26.6	7.8	1.40	.80	.96	1.00	25.4	7.4	1.62	.82	.98	1.00	24.0	7.0	1.87	.84	1.00	1.00	22.8	6.7	2.17	.86	1.00	1.00
67°F	825	390	27.2	8.0	1.40	.62	.76	.90	26.0	7.6	1.63	.63	.78	.92	24.6	7.2	1.88	.64	.79	.94	23.2	6.8	2.16	.65	.82	.97
(19°C)	905	425	27.8	8.1	1.41	.63	.78	.92	26.4	7.7	1.63	.64	.80	.95	25.0	7.3	1.88	.65	.82	.97	23.6	6.9	2.17	.67	.84	1.00
71°F	825	390	28.4	8.3	1.41	.47	.60	.74	27.2	8.0	1.63	.47	.61	.75	25.8	7.6	1.89	.48	.63	.77	24.2	7.1	2.17	.48	.64	.80
(22°C)	905	425	29.0	8.5	1.41	.47	.62	.76	27.6	8.1	1.64	.48	.63	.78	26.2	7.7	1.89	.48	.64	.80	24.6	7.2	2.17	.49	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CH33-42B-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	625	295	20.8	6.1	.81	.77	.91	1.00	19.9	5.8	.96	.78	.93	1.00	18.9	5.5	1.14	.80	.95	1.00	17.8	5.2	1.35	.82	.98	1.00
(17°C)	670	315	21.2	6.2	.81	.78	.93	1.00	20.2	5.9	.97	.80	.95	1.00	19.2	5.6	1.14	.81	.98	1.00	18.1	5.3	1.35	.84	1.00	1.00
67°F	625	295	22.0	6.4	.82	.60	.74	.87	21.2	6.2	.97	.61	.75	.89	20.0	5.9	1.15	.62	.77	.91	18.9	5.5	1.35	.63	.79	.94
(19°C)	670	315	22.4	6.6	.82	.61	.75	.89	21.4	6.3	.97	.62	.77	.91	20.4	6.0	1.14	.63	.79	.94	19.2	5.6	1.35	.64	.81	.97
71°F	625	295	23.4	6.9	.82	.46	.59	.71	22.4	6.6	.98	.46	.60	.73	21.2	6.2	1.15	.47	.61	.75	20.0	5.9	1.35	.47	.62	.76
(22°C)	670	315	23.8	7.0	.83	.46	.60	.73	22.8	6.7	.98	.47	.60	.74	21.6	6.3	1.15	.47	.61	.76	20.4	6.0	1.36	.47	.63	.78

HSXA19-024 - CH33-42B-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	825	390	26.4	7.7	1.40	.77	.92	1.00	25.2	7.4	1.62	.79	.94	1.00	23.8	7.0	1.87	.80	.96	1.00	22.4	6.6	2.16	.82	.99	1.00
(17°C)	905	425	27.0	7.9	1.40	.79	.95	1.00	25.6	7.5	1.62	.81	.97	1.00	24.4	7.2	1.88	.82	.99	1.00	23.0	6.7	2.16	.85	1.00	1.00
67°F	825	390	28.0	8.2	1.40	.61	.75	.88	26.6	7.8	1.63	.60	.76	.90	25.2	7.4	1.88	.62	.78	.93	23.6	6.9	2.17	.64	.80	.96
(19°C)	905	425	28.4	8.3	1.41	.62	.77	.91	27.0	7.9	1.63	.62	.78	.94	25.6	7.5	1.88	.64	.80	.96	24.0	7.0	2.17	.65	.83	.99
71°F	825	390	29.4	8.6	1.41	.46	.59	.72	27.8	8.1	1.64	.47	.59	.74	26.4	7.7	1.89	.47	.61	.76	25.0	7.3	2.18	.47	.63	.78
(22°C)	905	425	29.8	8.7	1.42	.47	.59	.75	28.4	8.3	1.64	.47	.61	.76	26.8	7.9	1.90	.47	.63	.78	25.2	7.4	2.18	.47	.65	.81

HSXA19-024 - CBX32MV-018/024 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	455	215	.0	.0	.00	.71	.83	.95	18.1	5.3	.96	.72	.85	.97	17.3	5.1	1.14	.73	.87	.99	16.3	4.8	1.34	.76	.89	1.00
	595	280	20.4	6.0	.81	.76	.90	1.00	19.5	5.7	.96	.78	.92	1.00	18.6	5.5	1.14	.79	.95	1.00	17.5	5.1	1.35	.81	.97	1.00
	685	325	21.0	6.2	.81	.79	.94	1.00	20.2	5.9	.97	.81	.97	1.00	19.1	5.6	1.14	.82	.99	1.00	18.1	5.3	1.35	.85	1.00	1.00
67°F (19°C)	455	215	20.2	5.9	.81	.57	.69	.80	19.4	5.7	.96	.58	.70	.81	18.4	5.4	1.14	.58	.71	.83	17.5	5.1	1.35	.60	.73	.85
	595	280	21.6	6.3	.81	.60	.74	.86	20.8	6.1	.97	.61	.75	.88	19.7	5.8	1.14	.62	.77	.91	18.6	5.5	1.35	.63	.79	.93
	685	325	22.4	6.6	.82	.62	.77	.91	21.4	6.3	.97	.63	.78	.93	20.2	5.9	1.14	.64	.80	.95	19.2	5.6	1.35	.65	.82	.98
71°F (22°C)	455	215	21.4	6.3	.81	.45	.55	.66	20.6	6.0	.97	.45	.56	.67	19.5	5.7	1.14	.45	.57	.68	18.5	5.4	1.35	.45	.57	.70
	595	280	23.0	6.7	.82	.45	.58	.71	22.0	6.4	.97	.46	.60	.72	20.8	6.1	1.15	.47	.61	.74	19.7	5.8	1.35	.47	.62	.76
	685	325	23.6	6.9	.82	.46	.61	.74	22.6	6.6	.98	.47	.62	.76	21.4	6.3	1.15	.48	.63	.78	20.2	5.9	1.35	.48	.64	.80

HSXA19-024 - CBX32MV-018/024 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	620	295	24.6	7.2	1.38	.72	.85	.96	23.4	6.9	1.61	.73	.86	.98	22.2	6.5	1.86	.75	.89	1.00	21.0	6.2	2.16	.77	.91	1.00
	825	390	26.2	7.7	1.39	.78	.93	1.00	25.0	7.3	1.62	.80	.95	1.00	23.6	6.9	1.87	.81	.97	1.00	22.2	6.5	2.16	.84	.99	1.00
	950	450	27.0	7.9	1.40	.81	.97	1.00	25.6	7.5	1.62	.83	.99	1.00	24.2	7.1	1.88	.85	1.00	1.00	23.0	6.7	2.17	.88	1.00	1.00
67°F (19°C)	620	295	26.0	7.6	1.39	.58	.70	.81	24.8	7.3	1.62	.59	.71	.83	23.4	6.9	1.87	.59	.72	.85	22.2	6.5	2.16	.61	.74	.88
	825	390	27.6	8.1	1.40	.61	.76	.89	26.2	7.7	1.63	.62	.77	.92	24.8	7.3	1.88	.63	.79	.94	23.4	6.9	2.17	.64	.81	.97
	950	450	28.2	8.3	1.41	.63	.79	.94	27.0	7.9	1.63	.64	.81	.96	25.4	7.4	1.88	.66	.83	.98	24.0	7.0	2.17	.67	.86	1.00
71°F (22°C)	620	295	27.4	8.0	1.40	.45	.57	.67	26.0	7.6	1.63	.45	.57	.69	24.8	7.3	1.87	.45	.58	.70	23.4	6.9	2.17	.46	.59	.72
	825	390	29.0	8.5	1.41	.46	.59	.73	27.6	8.1	1.64	.46	.61	.75	26.2	7.7	1.89	.47	.62	.77	24.6	7.2	2.18	.48	.63	.79
	950	450	29.6	8.7	1.42	.47	.62	.77	28.2	8.3	1.64	.48	.62	.79	26.6	7.8	1.89	.48	.64	.81	25.0	7.3	2.18	.49	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CBX32MV-024/030 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	410	195	18.6	5.5	.80	.70	.81	.92	17.8	5.2	.96	.71	.83	.94	16.9	5.0	1.14	.72	.85	.96	15.9	4.7	1.34	.74	.87	.99
	550	260	20.2	5.9	.81	.75	.88	1.00	19.3	5.7	.96	.77	.90	1.00	18.3	5.4	1.14	.78	.93	1.00	17.3	5.1	1.35	.80	.96	1.00
	690	325	21.4	6.3	.81	.80	.95	1.00	20.4	6.0	.97	.82	.98	1.00	19.4	5.7	1.14	.84	1.00	1.00	18.4	5.4	1.35	.86	1.00	1.00
67°F (19°C)	410	195	19.8	5.8	.80	.56	.67	.77	19.0	5.6	.96	.57	.68	.79	18.1	5.3	1.14	.58	.69	.81	17.1	5.0	1.35	.58	.71	.83
	550	260	21.6	6.3	.81	.59	.72	.85	20.6	6.0	.97	.60	.74	.87	19.5	5.7	1.14	.61	.75	.89	18.4	5.4	1.35	.62	.77	.92
	690	325	22.6	6.6	.82	.62	.77	.92	21.6	6.3	.97	.63	.79	.94	20.4	6.0	1.15	.64	.81	.97	19.3	5.7	1.35	.66	.84	.99
71°F (22°C)	410	195	21.0	6.2	.81	.44	.55	.64	20.2	5.9	.97	.44	.55	.65	19.2	5.6	1.14	.44	.56	.66	18.1	5.3	1.35	.45	.57	.68
	550	260	22.8	6.7	.82	.45	.57	.70	21.8	6.4	.97	.46	.59	.71	20.8	6.1	1.15	.46	.59	.73	19.6	5.7	1.35	.46	.61	.75
	690	325	24.0	7.0	.83	.47	.61	.75	23.0	6.7	.98	.47	.62	.76	21.8	6.4	1.15	.47	.63	.78	20.6	6.0	1.36	.48	.64	.81

HSXA19-024 - CBX32MV-024/030 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	530	250	23.8	7.0	1.39	.70	.81	.93	22.8	6.7	1.61	.71	.83	.95	21.6	6.3	1.85	.72	.85	.97	20.2	5.9	2.15	.74	.87	1.00
	730	345	25.8	7.6	1.39	.76	.90	1.00	24.6	7.2	1.62	.77	.92	1.00	23.2	6.8	1.87	.79	.95	1.00	21.8	6.4	2.15	.82	.98	1.00
	930	440	27.2	8.0	1.40	.81	.97	1.00	25.8	7.6	1.63	.83	.99	1.00	24.4	7.2	1.88	.86	1.00	1.00	23.2	6.8	2.17	.89	1.00	1.00
67°F (19°C)	530	250	25.2	7.4	1.39	.56	.68	.78	24.0	7.0	1.61	.57	.69	.79	22.8	6.7	1.86	.58	.70	.81	21.4	6.3	2.16	.59	.71	.84
	730	345	27.2	8.0	1.41	.60	.73	.86	26.0	7.6	1.63	.61	.75	.89	24.6	7.2	1.88	.62	.77	.91	23.0	6.7	2.17	.63	.79	.94
	930	440	28.4	8.3	1.41	.63	.79	.94	27.0	7.9	1.63	.65	.81	.97	25.6	7.5	1.88	.66	.84	.99	24.0	7.0	2.18	.68	.87	1.00
71°F (22°C)	530	250	26.6	7.8	1.40	.44	.55	.65	25.4	7.4	1.62	.44	.56	.66	24.0	7.0	1.87	.45	.56	.67	22.6	6.6	2.16	.45	.57	.69
	730	345	28.6	8.4	1.41	.45	.58	.71	27.4	8.0	1.64	.46	.60	.72	26.0	7.6	1.89	.46	.61	.75	24.4	7.2	2.17	.47	.62	.77
	930	440	30.0	8.8	1.42	.47	.62	.77	28.6	8.4	1.65	.48	.63	.79	27.0	7.9	1.90	.48	.65	.81	25.4	7.4	2.19	.49	.67	.84

HSXA19-024 - CB30M-31 - CB30U-31 - CBX32M-030 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	420	200	18.7	5.5	.80	.70	.82	.93	17.9	5.2	.96	.71	.83	.95	17.1	5.0	1.13	.72	.85	.97	16.1	4.7	1.34	.74	.87	.99
	560	265	20.4	6.0	.81	.75	.89	1.00	19.5	5.7	.96	.77	.91	1.00	18.5	5.4	1.14	.78	.93	1.00	17.4	5.1	1.35	.80	.96	1.00
	700	330	21.4	6.3	.81	.80	.96	1.00	20.6	6.0	.97	.82	.98	1.00	19.5	5.7	1.14	.84	1.00	1.00	18.5	5.4	1.35	.87	1.00	1.00
67°F (19°C)	420	200	19.9	5.8	.80	.57	.67	.78	19.1	5.6	.96	.57	.68	.79	18.2	5.3	1.14	.58	.70	.81	17.3	5.1	1.35	.59	.71	.83
	560	265	21.6	6.3	.81	.60	.73	.85	20.6	6.0	.97	.60	.74	.87	19.7	5.8	1.15	.61	.76	.89	18.5	5.4	1.35	.62	.78	.92
	700	330	22.8	6.7	.82	.63	.78	.92	21.8	6.4	.97	.63	.79	.94	20.6	6.0	1.15	.64	.81	.97	19.4	5.7	1.35	.67	.84	.99
71°F (22°C)	420	200	21.2	6.2	.81	.44	.55	.65	20.2	5.9	.97	.44	.56	.66	19.3	5.7	1.14	.45	.56	.67	18.3	5.4	1.35	.45	.57	.68
	560	265	22.8	6.7	.82	.45	.57	.70	22.0	6.4	.97	.46	.59	.71	20.8	6.1	1.15	.46	.60	.73	19.7	5.8	1.35	.47	.61	.75
	700	330	24.0	7.0	.83	.47	.61	.75	23.0	6.7	.98	.47	.62	.77	21.8	6.4	1.15	.48	.63	.78	20.6	6.0	1.36	.48	.65	.81

HSXA19-024 - CB30M-31 - CB30U-31 - CBX32M-030 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.6	7.2	1.38	.72	.84	.96	23.4	6.9	1.61	.73	.86	.98	22.2	6.5	1.86	.75	.88	1.00	21.0	6.2	2.16	.77	.91	1.00
	800	380	26.4	7.7	1.40	.78	.93	1.00	25.0	7.3	1.62	.79	.95	1.00	23.8	7.0	1.87	.81	.97	1.00	22.4	6.6	2.16	.83	.99	1.00
	1000	470	27.4	8.0	1.40	.83	.99	1.00	26.2	7.7	1.62	.85	1.00	1.00	25.0	7.3	1.88	.87	1.00	1.00	23.6	6.9	2.17	.90	1.00	1.00
67°F (19°C)	600	285	26.0	7.6	1.39	.58	.70	.81	24.8	7.3	1.62	.58	.71	.83	23.6	6.9	1.87	.59	.72	.85	22.2	6.5	2.16	.61	.74	.87
	800	380	27.8	8.1	1.40	.61	.75	.89	26.4	7.7	1.63	.62	.77	.91	25.0	7.3	1.88	.63	.79	.94	23.6	6.9	2.17	.65	.81	.97
	1000	470	28.8	8.4	1.41	.64	.81	.97	27.4	8.0	1.64	.66	.83	.98	26.0	7.6	1.89	.67	.86	1.00	24.4	7.2	2.17	.69	.88	1.00
71°F (22°C)	600	285	27.4	8.0	1.40	.45	.56	.67	26.2	7.7	1.63	.45	.57	.68	24.8	7.3	1.88	.45	.58	.70	23.4	6.9	2.17	.46	.59	.71
	800	380	29.2	8.6	1.42	.46	.60	.73	27.8	8.1	1.64	.46	.61	.75	26.4	7.7	1.89	.47	.62	.77	24.8	7.3	2.17	.48	.63	.79
	1000	470	30.4	8.9	1.42	.48	.63	.79	28.8	8.4	1.64	.48	.64	.81	27.4	8.0	1.90	.49	.66	.83	25.6	7.5	2.18	.49	.68	.86

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CB30M-41 - CBX32M-036 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	420	200	18.8	5.5	.80	.70	.82	.93	18.0	5.3	.96	.71	.83	.95	17.1	5.0	1.13	.72	.85	.97	16.2	4.7	1.34	.74	.87	.99
	560	265	20.4	6.0	.81	.75	.89	1.00	19.5	5.7	.96	.77	.91	1.00	18.6	5.5	1.14	.78	.93	1.00	17.5	5.1	1.35	.80	.96	1.00
	700	330	21.6	6.3	.81	.80	.96	1.00	20.6	6.0	.97	.82	.98	1.00	19.6	5.7	1.14	.84	1.00	1.00	18.6	5.5	1.35	.87	1.00	1.00
67°F (19°C)	420	200	20.0	5.9	.80	.56	.67	.78	19.2	5.6	.96	.57	.68	.80	18.3	5.4	1.14	.58	.70	.81	17.3	5.1	1.35	.59	.71	.83
	560	265	21.8	6.4	.81	.59	.73	.85	20.8	6.1	.97	.61	.74	.87	19.8	5.8	1.15	.62	.76	.90	18.6	5.5	1.35	.63	.78	.92
	700	330	22.8	6.7	.82	.63	.78	.92	21.8	6.4	.97	.63	.79	.95	20.8	6.1	1.15	.65	.81	.97	19.6	5.7	1.35	.67	.84	1.00
71°F (22°C)	420	200	21.2	6.2	.81	.44	.55	.65	20.4	6.0	.96	.44	.56	.66	19.4	5.7	1.14	.45	.56	.67	18.4	5.4	1.35	.45	.57	.68
	560	265	23.0	6.7	.82	.45	.58	.70	22.0	6.4	.97	.46	.59	.72	21.0	6.2	1.15	.46	.60	.73	19.8	5.8	1.35	.47	.61	.75
	700	330	24.2	7.1	.83	.47	.61	.75	23.2	6.8	.98	.47	.62	.77	22.0	6.4	1.15	.48	.63	.79	20.8	6.1	1.36	.48	.65	.81

HSXA19-024 - CB30M-41 - CBX32M-036 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.8	7.3	1.39	.72	.84	.96	23.6	6.9	1.61	.73	.86	.98	22.4	6.6	1.86	.75	.88	1.00	21.2	6.2	2.16	.77	.91	1.00
	800	380	26.6	7.8	1.40	.78	.93	1.00	25.2	7.4	1.62	.80	.95	1.00	23.8	7.0	1.87	.81	.97	1.00	22.4	6.6	2.16	.84	1.00	1.00
	1000	470	27.6	8.1	1.40	.83	.99	1.00	26.4	7.7	1.63	.86	1.00	1.00	25.2	7.4	1.88	.88	1.00	1.00	23.8	7.0	2.17	.91	1.00	1.00
67°F (19°C)	600	285	26.2	7.7	1.39	.58	.70	.81	25.0	7.3	1.61	.58	.71	.83	23.8	7.0	1.87	.59	.72	.85	22.4	6.6	2.16	.60	.74	.87
	800	380	28.0	8.2	1.41	.61	.76	.89	26.6	7.8	1.63	.62	.77	.92	25.2	7.4	1.88	.63	.79	.94	23.6	6.9	2.17	.64	.82	.97
	1000	470	29.0	8.5	1.41	.65	.81	.97	27.6	8.1	1.64	.65	.83	.99	26.2	7.7	1.89	.68	.86	1.00	24.6	7.2	2.17	.69	.89	1.00
71°F (22°C)	600	285	27.6	8.1	1.40	.45	.56	.67	26.4	7.7	1.63	.45	.57	.68	25.0	7.3	1.88	.45	.57	.69	23.6	6.9	2.17	.46	.59	.72
	800	380	29.4	8.6	1.42	.46	.60	.73	28.0	8.2	1.64	.47	.61	.75	26.6	7.8	1.89	.47	.62	.77	25.0	7.3	2.17	.48	.64	.79
	1000	470	30.6	9.0	1.42	.48	.64	.79	29.0	8.5	1.65	.48	.65	.81	27.6	8.1	1.90	.48	.67	.84	25.8	7.6	2.18	.50	.68	.86

HSXA19-024 - CB30U-41/46 - CBX32M-042 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	420	200	18.8	5.5	.80	.70	.82	.93	18.0	5.3	.96	.71	.83	.95	17.1	5.0	1.14	.72	.85	.97	16.2	4.7	1.34	.74	.87	.99
	560	265	20.4	6.0	.81	.75	.89	1.00	19.5	5.7	.96	.77	.91	1.00	18.6	5.5	1.14	.78	.93	1.00	17.5	5.1	1.35	.80	.96	1.00
	700	330	21.6	6.3	.81	.80	.96	1.00	20.6	6.0	.97	.82	.98	1.00	19.6	5.7	1.14	.84	1.00	1.00	18.6	5.5	1.35	.87	1.00	1.00
67°F (19°C)	420	200	20.0	5.9	.80	.57	.67	.78	19.2	5.6	.96	.57	.68	.79	18.3	5.4	1.14	.58	.70	.81	17.3	5.1	1.35	.59	.71	.83
	560	265	21.8	6.4	.81	.60	.73	.85	20.8	6.1	.97	.60	.74	.87	19.7	5.8	1.14	.61	.76	.89	18.6	5.5	1.35	.62	.78	.92
	700	330	22.8	6.7	.82	.63	.78	.92	21.8	6.4	.97	.63	.79	.94	20.6	6.0	1.15	.65	.81	.97	19.5	5.7	1.35	.67	.84	.99
71°F (22°C)	420	200	21.2	6.2	.81	.44	.55	.65	20.4	6.0	.97	.44	.56	.66	19.4	5.7	1.14	.45	.56	.67	18.4	5.4	1.35	.45	.57	.68
	560	265	23.0	6.7	.82	.45	.58	.70	22.0	6.4	.97	.46	.59	.71	21.0	6.2	1.15	.46	.60	.73	19.8	5.8	1.35	.47	.61	.75
	700	330	24.2	7.1	.83	.47	.61	.75	23.2	6.8	.98	.47	.62	.77	22.0	6.4	1.15	.48	.63	.78	20.8	6.1	1.36	.47	.65	.81

HSXA19-024 - CB30U-41/46 - CBX32M-042 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.8	7.3	1.38	.72	.84	.96	23.6	6.9	1.61	.73	.86	.98	22.4	6.6	1.86	.74	.88	1.00	21.2	6.2	2.16	.77	.91	1.00
	800	380	26.4	7.7	1.40	.78	.93	1.00	25.2	7.4	1.62	.80	.95	1.00	23.8	7.0	1.88	.81	.97	1.00	22.4	6.6	2.16	.84	.99	1.00
	1000	470	27.6	8.1	1.40	.83	.99	1.00	26.4	7.7	1.63	.86	1.00	1.00	25.2	7.4	1.88	.88	1.00	1.00	23.8	7.0	2.17	.91	1.00	1.00
67°F (19°C)	600	285	26.2	7.7	1.39	.58	.69	.81	25.0	7.3	1.62	.58	.71	.83	23.6	6.9	1.87	.59	.72	.85	22.4	6.6	2.16	.61	.74	.87
	800	380	28.0	8.2	1.41	.61	.76	.89	26.6	7.8	1.63	.62	.77	.92	25.2	7.4	1.88	.63	.79	.94	23.6	6.9	2.16	.64	.81	.97
	1000	470	29.0	8.5	1.41	.65	.81	.97	27.6	8.1	1.64	.65	.83	.99	26.0	7.6	1.89	.68	.86	1.00	24.6	7.2	2.17	.69	.89	1.00
71°F (22°C)	600	285	27.6	8.1	1.40	.45	.56	.67	26.2	7.7	1.63	.45	.57	.68	25.0	7.3	1.88	.45	.58	.69	23.6	6.9	2.17	.46	.59	.71
	800	380	29.4	8.6	1.42	.46	.60	.73	28.0	8.2	1.64	.47	.61	.75	26.6	7.8	1.89	.47	.62	.77	24.8	7.3	2.18	.48	.63	.79
	1000	470	30.6	9.0	1.42	.48	.63	.78	29.0	8.5	1.65	.48	.65	.81	27.4	8.0	1.90	.48	.65	.83	25.8	7.6	2.18	.50	.68	.86

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-024 - CB31MV-41 - CBX32MV-036 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	630	295	21.0	6.2	.81	.78	.93	1.00	20.2	5.9	.96	.79	.95	1.00	19.1	5.6	1.14	.81	.97	1.00	18.0	5.3	1.35	.84	.99	1.00
(17°C)	700	330	21.6	6.3	.81	.80	.96	1.00	20.6	6.0	.97	.82	.98	1.00	19.6	5.7	1.14	.84	1.00	1.00	18.6	5.5	1.35	.87	1.00	1.00
67°F	630	295	22.4	6.6	.82	.61	.75	.89	21.4	6.3	.97	.62	.77	.91	20.2	5.9	1.14	.63	.79	.93	19.1	5.6	1.35	.64	.81	.96
(19°C)	700	330	22.8	6.7	.82	.63	.78	.92	21.8	6.4	.97	.63	.79	.95	20.8	6.1	1.15	.65	.81	.97	19.6	5.7	1.35	.67	.84	1.00
71°F	630	295	23.6	6.9	.82	.46	.60	.73	22.6	6.6	.98	.47	.61	.74	21.6	6.3	1.15	.47	.62	.76	20.2	5.9	1.35	.47	.63	.78
(22°C)	700	330	24.2	7.1	.83	.47	.61	.75	23.2	6.8	.98	.47	.62	.77	22.0	6.4	1.15	.48	.63	.79	20.8	6.1	1.36	.48	.65	.81

HSXA19-024 - CB31MV-41 - CBX32MV-036 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F	900	425	27.2	8.0	1.40	.81	.97	1.00	25.8	7.6	1.63	.83	.98	1.00	24.4	7.2	1.87	.85	1.00	1.00	23.2	6.8	2.16	.87	1.00	1.00
(17°C)	1000	470	27.6	8.1	1.40	.83	.99	1.00	26.4	7.7	1.63	.86	1.00	1.00	25.2	7.4	1.88	.88	1.00	1.00	23.8	7.0	2.17	.91	1.00	1.00
67°F	900	425	28.6	8.4	1.41	.63	.79	.93	27.0	7.9	1.63	.64	.80	.96	25.6	7.5	1.89	.65	.83	.98	24.2	7.1	2.17	.67	.85	1.00
(19°C)	1000	470	29.0	8.5	1.41	.65	.81	.97	27.6	8.1	1.64	.65	.83	.99	26.2	7.7	1.89	.68	.86	1.00	24.6	7.2	2.17	.69	.89	1.00
71°F	900	425	30.0	8.8	1.42	.47	.62	.76	28.6	8.4	1.65	.47	.63	.78	27.0	7.9	1.89	.48	.64	.80	25.4	7.4	2.18	.48	.66	.83
(22°C)	1000	470	30.6	9.0	1.42	.48	.64	.79	29.0	8.5	1.65	.48	.65	.81	27.6	8.1	1.90	.48	.67	.84	25.8	7.6	2.18	.50	.68	.86

HSXA19-024 - CB30M-46 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	420	200	19.2	5.6	.80	.70	.82	.93	18.4	5.4	.96	.71	.83	.95	17.5	5.1	1.14	.72	.85	.97	16.5	4.8	1.34	.74	.87	1.00
	560	265	21.0	6.2	.81	.75	.89	1.00	20.0	5.9	.96	.77	.91	1.00	19.0	5.6	1.14	.78	.94	1.00	17.9	5.2	1.35	.80	.96	1.00
	700	330	22.2	6.5	.82	.81	.97	1.00	21.2	6.2	.97	.82	.99	1.00	20.2	5.9	1.14	.84	1.00	1.00	19.2	5.6	1.35	.87	1.00	1.00
67°F (19°C)	420	200	20.4	6.0	.81	.56	.67	.78	19.6	5.7	.96	.57	.68	.79	18.6	5.5	1.14	.57	.69	.81	17.7	5.2	1.35	.58	.71	.83
	560	265	22.2	6.5	.82	.60	.73	.85	21.2	6.2	.97	.60	.74	.87	20.2	5.9	1.15	.61	.76	.90	19.1	5.6	1.35	.62	.78	.92
	700	330	23.4	6.9	.82	.63	.78	.93	22.4	6.6	.98	.64	.80	.95	21.4	6.3	1.15	.64	.82	.98	20.0	5.9	1.35	.66	.84	1.00
71°F (22°C)	420	200	21.6	6.3	.81	.44	.54	.65	20.8	6.1	.97	.44	.55	.66	19.8	5.8	1.14	.44	.56	.67	18.8	5.5	1.35	.45	.57	.68
	560	265	23.6	6.9	.82	.45	.57	.70	22.6	6.6	.98	.46	.59	.72	21.4	6.3	1.15	.46	.60	.73	20.2	5.9	1.35	.46	.61	.75
	700	330	24.8	7.3	.83	.47	.61	.75	23.8	7.0	.98	.46	.62	.77	22.6	6.6	1.16	.48	.64	.79	21.4	6.3	1.36	.49	.66	.81

HSXA19-024 - CB30M-46 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.4	7.4	1.39	.72	.84	.96	24.2	7.1	1.61	.73	.86	.99	23.0	6.7	1.87	.75	.88	1.00	21.6	6.3	2.15	.77	.91	1.00
	800	380	27.4	8.0	1.40	.78	.93	1.00	26.0	7.6	1.63	.80	.96	1.00	24.6	7.2	1.88	.82	.98	1.00	23.2	6.8	2.16	.84	1.00	1.00
	1000	470	28.8	8.4	1.41	.84	1.00	1.00	27.4	8.0	1.64	.86	1.00	1.00	26.2	7.7	1.89	.89	1.00	1.00	24.8	7.3	2.17	.92	1.00	1.00
67°F (19°C)	600	285	27.0	7.9	1.40	.57	.69	.81	25.6	7.5	1.62	.58	.70	.83	24.4	7.2	1.88	.59	.72	.85	23.0	6.7	2.16	.60	.74	.88
	800	380	28.8	8.4	1.41	.61	.76	.90	27.4	8.0	1.63	.62	.77	.92	26.0	7.6	1.89	.64	.80	.95	24.4	7.2	2.17	.65	.82	.98
	1000	470	30.0	8.8	1.42	.65	.82	.98	28.6	8.4	1.65	.66	.84	1.00	27.0	7.9	1.89	.69	.87	1.00	25.4	7.4	2.18	.69	.90	1.00
71°F (22°C)	600	285	28.4	8.3	1.41	.44	.56	.67	27.0	7.9	1.64	.44	.57	.68	25.6	7.5	1.88	.45	.58	.70	24.2	7.1	2.17	.45	.59	.72
	800	380	30.4	8.9	1.43	.46	.60	.74	29.0	8.5	1.65	.47	.61	.75	27.4	8.0	1.90	.47	.62	.77	25.8	7.6	2.19	.48	.64	.80
	1000	470	31.6	9.3	1.44	.47	.64	.80	30.0	8.8	1.66	.49	.65	.82	28.4	8.3	1.91	.48	.68	.85	26.6	7.8	2.19	.50	.69	.88

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-36A/B/C - CX34-36A/B/C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.2	7.7	1.17	.76	.90	1.00	25.2	7.4	1.37	.78	.92	1.00	24.0	7.0	1.59	.79	.94	1.00	22.6	6.6	1.85	.81	.97	1.00
	900	425	27.0	7.9	1.18	.79	.93	1.00	25.8	7.6	1.37	.80	.96	1.00	24.6	7.2	1.59	.82	.98	1.00	23.2	6.8	1.85	.84	1.00	1.00
	1000	470	27.8	8.1	1.18	.81	.97	1.00	26.6	7.8	1.38	.83	.99	1.00	25.2	7.4	1.59	.85	1.00	1.00	24.0	7.0	1.85	.87	1.00	1.00
67°F (19°C)	800	380	27.8	8.1	1.18	.60	.74	.87	26.6	7.8	1.37	.61	.75	.88	25.4	7.4	1.60	.62	.77	.91	24.0	7.0	1.85	.63	.79	.94
	900	425	28.6	8.4	1.19	.62	.76	.90	27.4	8.0	1.38	.63	.78	.92	26.0	7.6	1.60	.64	.79	.95	24.6	7.2	1.86	.65	.82	.97
	1000	470	29.2	8.6	1.19	.63	.79	.93	28.0	8.2	1.38	.64	.80	.95	26.6	7.8	1.60	.65	.82	.98	25.0	7.3	1.86	.67	.85	1.00
71°F (22°C)	800	380	29.2	8.6	1.19	.46	.59	.71	28.0	8.2	1.38	.46	.60	.73	26.6	7.8	1.60	.46	.61	.74	25.2	7.4	1.86	.47	.62	.76
	900	425	30.0	8.8	1.20	.47	.60	.74	28.8	8.4	1.39	.47	.61	.75	27.4	8.0	1.61	.47	.63	.77	25.8	7.6	1.87	.48	.64	.79
	1000	470	30.8	9.0	1.20	.47	.62	.76	29.4	8.6	1.39	.48	.63	.78	28.0	8.2	1.61	.48	.64	.80	26.4	7.7	1.87	.49	.66	.82

HSXA19-036 - C33-36A/B/C - CX34-36A/B/C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.2	10.0	2.22	.74	.87	.99	32.6	9.6	2.48	.76	.89	1.00	30.8	9.0	2.78	.77	.92	1.00	29.0	8.5	3.11	.79	.95	1.00
	1200	565	35.6	10.4	2.23	.78	.92	1.00	33.8	9.9	2.50	.79	.95	1.00	32.0	9.4	2.79	.81	.97	1.00	30.2	8.9	3.13	.84	1.00	1.00
	1400	660	36.6	10.7	2.24	.81	.97	1.00	35.0	10.3	2.51	.83	.99	1.00	33.0	9.7	2.81	.85	1.00	1.00	31.2	9.1	3.15	.88	1.00	1.00
67°F (19°C)	1000	470	36.0	10.6	2.24	.59	.72	.84	34.2	10.0	2.50	.60	.73	.86	32.6	9.6	2.80	.61	.75	.88	30.6	9.0	3.14	.62	.77	.91
	1200	565	37.4	11.0	2.25	.61	.75	.89	35.6	10.4	2.52	.62	.77	.91	33.8	9.9	2.82	.64	.79	.94	31.6	9.3	3.15	.65	.82	.97
	1400	660	38.5	11.3	2.27	.63	.79	.94	36.6	10.7	2.53	.65	.81	.96	34.6	10.1	2.83	.66	.83	.99	32.4	9.5	3.16	.68	.86	1.00
71°F (22°C)	1000	470	37.6	11.0	2.26	.46	.58	.70	35.8	10.5	2.52	.46	.59	.71	34.0	10.0	2.82	.46	.60	.73	32.0	9.4	3.16	.47	.61	.75
	1200	565	39.0	11.4	2.27	.46	.60	.73	37.2	10.9	2.54	.47	.61	.75	35.4	10.4	2.84	.47	.62	.77	33.2	9.7	3.17	.48	.64	.79
	1400	660	40.5	11.9	2.29	.47	.62	.77	38.5	11.3	2.55	.48	.64	.79	36.4	10.7	2.85	.49	.65	.81	34.0	10.0	3.19	.49	.67	.84

HSXA19-036 - C33-42B - CX34-42B-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.2	7.7	1.17	.76	.90	1.00	25.2	7.4	1.37	.78	.92	1.00	24.0	7.0	1.59	.79	.94	1.00	22.6	6.6	1.85	.81	.97	1.00
	900	425	27.0	7.9	1.18	.79	.93	1.00	25.8	7.6	1.37	.80	.96	1.00	24.6	7.2	1.59	.82	.98	1.00	23.2	6.8	1.85	.84	1.00	1.00
	1000	470	27.8	8.1	1.18	.81	.97	1.00	26.6	7.8	1.38	.83	.99	1.00	25.2	7.4	1.59	.85	1.00	1.00	24.0	7.0	1.85	.87	1.00	1.00
67°F (19°C)	800	380	27.8	8.1	1.18	.60	.74	.87	26.6	7.8	1.37	.61	.75	.88	25.4	7.4	1.60	.62	.77	.91	24.0	7.0	1.85	.63	.79	.94
	900	425	28.6	8.4	1.19	.62	.76	.90	27.4	8.0	1.38	.63	.78	.92	26.0	7.6	1.60	.64	.79	.95	24.6	7.2	1.86	.65	.82	.97
	1000	470	29.2	8.6	1.19	.63	.79	.93	28.0	8.2	1.38	.64	.80	.95	26.6	7.8	1.60	.65	.82	.98	25.0	7.3	1.86	.67	.85	1.00
71°F (22°C)	800	380	29.2	8.6	1.19	.46	.59	.71	28.0	8.2	1.38	.46	.60	.73	26.6	7.8	1.60	.46	.61	.74	25.2	7.4	1.86	.47	.62	.76
	900	425	30.0	8.8	1.20	.47	.60	.74	28.8	8.4	1.39	.47	.61	.75	27.4	8.0	1.61	.47	.63	.77	25.8	7.6	1.87	.48	.64	.79
	1000	470	30.8	9.0	1.20	.47	.62	.76	29.4	8.6	1.39	.48	.63	.78	28.0	8.2	1.61	.48	.64	.80	26.4	7.7	1.87	.49	.66	.82

HSXA19-036 - C33-42B - CX34-42B-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.2	10.0	2.22	.74	.87	.99	32.6	9.6	2.48	.76	.89	1.00	30.8	9.0	2.78	.77	.92	1.00	29.0	8.5	3.11	.79	.95	1.00
	1200	565	35.6	10.4	2.23	.78	.92	1.00	33.8	9.9	2.50	.79	.95	1.00	32.0	9.4	2.79	.81	.97	1.00	30.2	8.9	3.13	.84	1.00	1.00
	1400	660	36.6	10.7	2.24	.81	.97	1.00	35.0	10.3	2.51	.83	.99	1.00	33.0	9.7	2.81	.85	1.00	1.00	31.2	9.1	3.15	.88	1.00	1.00
67°F (19°C)	1000	470	36.0	10.6	2.24	.59	.72	.84	34.2	10.0	2.50	.60	.73	.86	32.6	9.6	2.80	.61	.75	.88	30.6	9.0	3.14	.62	.77	.91
	1200	565	37.4	11.0	2.25	.61	.75	.89	35.6	10.4	2.52	.62	.77	.91	33.8	9.9	2.82	.64	.79	.94	31.6	9.3	3.15	.65	.82	.97
	1400	660	38.5	11.3	2.27	.63	.79	.94	36.6	10.7	2.53	.65	.81	.96	34.6	10.1	2.83	.66	.83	.99	32.4	9.5	3.16	.68	.86	1.00
71°F (22°C)	1000	470	37.6	11.0	2.26	.46	.58	.70	35.8	10.5	2.52	.46	.59	.71	34.0	10.0	2.82	.46	.60	.73	32.0	9.4	3.16	.47	.61	.75
	1200	565	39.0	11.4	2.27	.46	.60	.73	37.2	10.9	2.54	.47	.61	.75	35.4	10.4	2.84	.47	.62	.77	33.2	9.7	3.17	.48	.64	.79
	1400	660	40.5	11.9	2.29	.47	.62	.77	38.5	11.3	2.55	.48	.64	.79	36.4	10.7	2.85	.49	.65	.81	34.0	10.0	3.19	.49	.67	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-44C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.18	.76	.91	1.00	25.6	7.5	1.37	.78	.93	1.00	24.4	7.2	1.59	.80	.95	1.00	23.0	6.7	1.85	.82	.98	1.00
	900	425	27.6	8.1	1.18	.79	.94	1.00	26.4	7.7	1.37	.81	.97	1.00	25.0	7.3	1.60	.83	.99	1.00	23.6	6.9	1.85	.85	1.00	1.00
	1000	470	28.2	8.3	1.18	.82	.98	1.00	27.0	7.9	1.38	.83	.99	1.00	25.6	7.5	1.60	.86	1.00	1.00	24.4	7.2	1.86	.88	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.19	.60	.74	.87	27.4	8.0	1.38	.61	.75	.89	26.0	7.6	1.60	.62	.77	.91	24.6	7.2	1.86	.63	.79	.94
	900	425	29.4	8.6	1.19	.62	.76	.91	28.0	8.2	1.39	.63	.78	.93	26.6	7.8	1.60	.64	.80	.96	25.0	7.3	1.86	.65	.82	.98
	1000	470	30.0	8.8	1.20	.63	.79	.94	28.6	8.4	1.39	.64	.81	.97	27.0	7.9	1.61	.66	.83	.99	25.6	7.5	1.86	.67	.86	1.00
71°F (22°C)	800	380	30.4	8.9	1.20	.45	.58	.71	29.0	8.5	1.39	.46	.59	.73	27.6	8.1	1.61	.46	.60	.74	26.0	7.6	1.87	.47	.62	.76
	900	425	31.2	9.1	1.20	.46	.60	.74	29.8	8.7	1.40	.46	.61	.75	28.2	8.3	1.61	.47	.63	.77	26.8	7.9	1.87	.48	.64	.80
	1000	470	31.8	9.3	1.21	.47	.62	.77	30.4	8.9	1.40	.47	.63	.78	28.8	8.4	1.62	.48	.64	.80	27.2	8.0	1.87	.49	.66	.83

HSXA19-036 - C33-44C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.23	.74	.88	1.00	33.2	9.7	2.49	.76	.90	1.00	31.4	9.2	2.78	.78	.93	1.00	29.4	8.6	3.12	.80	.96	1.00
	1200	565	36.2	10.6	2.24	.78	.94	1.00	34.4	10.1	2.50	.80	.96	1.00	32.6	9.6	2.80	.82	.98	1.00	30.6	9.0	3.14	.85	1.00	1.00
	1400	660	37.2	10.9	2.25	.83	.98	1.00	35.6	10.4	2.52	.84	1.00	1.00	33.6	9.8	2.82	.87	1.00	1.00	31.8	9.3	3.16	.90	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.25	.59	.72	.85	35.2	10.3	2.51	.60	.73	.87	33.4	9.8	2.81	.61	.75	.89	31.2	9.1	3.15	.62	.78	.92
	1200	565	38.5	11.3	2.27	.61	.76	.90	36.4	10.7	2.53	.62	.78	.93	34.4	10.1	2.83	.64	.80	.96	32.2	9.4	3.16	.65	.83	.98
	1400	660	39.5	11.6	2.28	.64	.80	.96	37.4	11.0	2.54	.65	.82	.98	35.2	10.3	2.84	.67	.85	1.00	33.0	9.7	3.17	.68	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.45	.58	.69	37.0	10.8	2.54	.45	.59	.71	35.2	10.3	2.84	.46	.60	.73	33.0	9.7	3.17	.46	.61	.75
	1200	565	40.5	11.9	2.29	.46	.60	.74	38.5	11.3	2.55	.47	.61	.76	36.2	10.6	2.85	.47	.63	.78	34.0	10.0	3.19	.48	.64	.80
	1400	660	41.5	12.2	2.30	.47	.63	.78	39.5	11.6	2.57	.48	.64	.80	37.2	10.9	2.87	.48	.66	.82	34.8	10.2	3.20	.49	.68	.85

HSXA19-036 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.17	.75	.89	1.00	25.6	7.5	1.37	.76	.91	1.00	24.2	7.1	1.59	.78	.93	1.00	23.0	6.7	1.85	.80	.96	1.00
	900	425	27.4	8.0	1.18	.78	.92	1.00	26.2	7.7	1.37	.79	.94	1.00	25.0	7.3	1.59	.81	.97	1.00	23.6	6.9	1.85	.83	.99	1.00
	1000	470	28.2	8.3	1.19	.80	.95	1.00	26.8	7.9	1.38	.81	.98	1.00	25.6	7.5	1.60	.83	1.00	1.00	24.2	7.1	1.86	.86	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.19	.59	.72	.85	27.2	8.0	1.38	.61	.74	.87	25.8	7.6	1.60	.61	.76	.89	24.4	7.2	1.86	.62	.77	.92
	900	425	29.2	8.6	1.19	.61	.75	.88	28.0	8.2	1.38	.62	.76	.91	26.6	7.8	1.60	.63	.78	.93	25.0	7.3	1.86	.64	.80	.96
	1000	470	30.0	8.8	1.20	.62	.77	.92	28.6	8.4	1.39	.63	.79	.94	27.0	7.9	1.60	.64	.81	.96	25.6	7.5	1.86	.66	.83	.99
71°F (22°C)	800	380	30.2	8.9	1.20	.45	.58	.70	29.0	8.5	1.39	.46	.59	.71	27.6	8.1	1.61	.46	.60	.73	26.0	7.6	1.87	.47	.61	.75
	900	425	31.0	9.1	1.20	.46	.60	.72	29.8	8.7	1.40	.47	.60	.74	28.2	8.3	1.61	.47	.61	.76	26.6	7.8	1.87	.47	.62	.78
	1000	470	31.8	9.3	1.21	.47	.61	.75	30.4	8.9	1.40	.47	.62	.76	28.8	8.4	1.62	.47	.63	.78	27.2	8.0	1.87	.48	.64	.80

HSXA19-036 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.23	.73	.86	.98	33.4	9.8	2.49	.74	.88	1.00	31.6	9.3	2.79	.76	.90	1.00	29.6	8.7	3.13	.78	.93	1.00
	1200	565	36.6	10.7	2.24	.77	.91	1.00	34.8	10.2	2.51	.78	.93	1.00	32.8	9.6	2.81	.80	.96	1.00	30.8	9.0	3.14	.82	.99	1.00
	1400	660	37.6	11.0	2.26	.80	.95	1.00	35.8	10.5	2.52	.82	.98	1.00	33.8	9.9	2.82	.84	1.00	1.00	31.8	9.3	3.16	.87	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.25	.58	.71	.83	35.4	10.4	2.52	.59	.72	.84	33.6	9.8	2.81	.60	.74	.87	31.4	9.2	3.15	.61	.76	.89
	1200	565	38.5	11.3	2.27	.60	.74	.87	36.8	10.8	2.53	.61	.76	.90	34.8	10.2	2.83	.63	.78	.92	32.4	9.5	3.16	.64	.80	.95
	1400	660	39.5	11.6	2.28	.62	.77	.92	37.8	11.1	2.54	.64	.80	.95	35.6	10.4	2.84	.64	.81	.97	33.4	9.8	3.18	.66	.84	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.45	.57	.68	37.4	11.0	2.54	.45	.57	.70	35.4	10.4	2.84	.45	.58	.71	33.2	9.7	3.18	.46	.60	.73
	1200	565	41.0	12.0	2.29	.46	.59	.72	39.0	11.4	2.56	.46	.60	.73	36.6	10.7	2.86	.47	.61	.75	34.4	10.1	3.19	.47	.63	.77
	1400	660	42.0	12.3	2.31	.47	.61	.75	40.0	11.7	2.57	.47	.62	.77	37.6	11.0	2.87	.48	.63	.79	35.2	10.3	3.20	.48	.65	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-38A/B - CX34-38A/B-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.18	.76	.90	1.00	25.8	7.6	1.37	.77	.92	1.00	24.6	7.2	1.59	.79	.94	1.00	23.2	6.8	1.85	.81	.97	1.00
	900	425	27.8	8.1	1.18	.78	.94	1.00	26.6	7.8	1.38	.80	.96	1.00	25.2	7.4	1.59	.82	.98	1.00	23.8	7.0	1.85	.84	1.00	1.00
	1000	470	28.6	8.4	1.19	.81	.97	1.00	27.2	8.0	1.38	.82	.99	1.00	25.8	7.6	1.60	.85	1.00	1.00	24.6	7.2	1.86	.87	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.19	.60	.73	.86	27.6	8.1	1.38	.61	.75	.88	26.2	7.7	1.60	.62	.76	.91	24.6	7.2	1.86	.63	.79	.93
	900	425	29.6	8.7	1.20	.61	.76	.90	28.4	8.3	1.39	.62	.77	.92	26.8	7.9	1.60	.63	.79	.95	25.2	7.4	1.86	.64	.81	.97
	1000	470	30.2	8.9	1.20	.63	.78	.93	28.8	8.4	1.39	.63	.80	.95	27.4	8.0	1.61	.65	.82	.98	25.8	7.6	1.87	.67	.85	1.00
71°F (22°C)	800	380	30.6	9.0	1.20	.45	.58	.71	29.2	8.6	1.39	.46	.59	.72	27.8	8.1	1.61	.46	.60	.74	26.2	7.7	1.87	.47	.61	.76
	900	425	31.4	9.2	1.21	.46	.60	.73	30.0	8.8	1.40	.47	.61	.75	28.6	8.4	1.62	.47	.62	.77	27.0	7.9	1.87	.47	.63	.79
	1000	470	32.2	9.4	1.21	.47	.62	.76	30.6	9.0	1.40	.47	.63	.77	29.0	8.5	1.62	.48	.64	.80	27.4	8.0	1.88	.48	.65	.82

HSXA19-036 - C33-38A/B - CX34-38A/B-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.4	10.4	2.23	.74	.87	.99	33.8	9.9	2.50	.75	.89	1.00	31.8	9.3	2.79	.77	.92	1.00	30.0	8.8	3.13	.79	.95	1.00
	1200	565	36.8	10.8	2.25	.78	.92	1.00	35.0	10.3	2.51	.79	.95	1.00	33.2	9.7	2.81	.81	.97	1.00	31.0	9.1	3.14	.84	1.00	1.00
	1400	660	38.0	11.1	2.26	.81	.97	1.00	36.2	10.6	2.53	.83	.99	1.00	34.2	10.0	2.82	.86	1.00	1.00	32.2	9.4	3.16	.89	1.00	1.00
67°F (19°C)	1000	470	37.6	11.0	2.26	.59	.72	.84	35.8	10.5	2.52	.59	.73	.86	33.8	9.9	2.82	.61	.75	.88	31.8	9.3	3.15	.62	.77	.91
	1200	565	39.0	11.4	2.27	.61	.75	.89	37.0	10.8	2.54	.62	.77	.91	35.0	10.3	2.83	.63	.79	.94	32.8	9.6	3.17	.64	.81	.97
	1400	660	40.0	11.7	2.29	.63	.79	.94	38.0	11.1	2.55	.64	.81	.97	35.8	10.5	2.85	.66	.83	.99	33.6	9.8	3.18	.68	.86	1.00
71°F (22°C)	1000	470	39.5	11.6	2.28	.45	.57	.69	37.6	11.0	2.54	.45	.58	.70	35.6	10.4	2.84	.46	.59	.72	33.6	9.8	3.18	.46	.61	.74
	1200	565	41.0	12.0	2.30	.46	.59	.73	39.0	11.4	2.56	.46	.61	.75	37.0	10.8	2.86	.47	.62	.77	34.6	10.1	3.20	.48	.64	.79
	1400	660	42.5	12.5	2.31	.47	.62	.77	40.0	11.7	2.58	.48	.63	.79	37.8	11.1	2.87	.48	.64	.81	35.4	10.4	3.21	.49	.66	.84

HSXA19-036 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.18	.76	.89	1.00	25.8	7.6	1.37	.77	.91	1.00	24.6	7.2	1.59	.79	.94	1.00	23.2	6.8	1.85	.80	.96	1.00
	900	425	27.8	8.1	1.18	.78	.93	1.00	26.6	7.8	1.38	.79	.95	1.00	25.2	7.4	1.59	.81	.97	1.00	23.8	7.0	1.85	.83	1.00	1.00
	1000	470	28.4	8.3	1.19	.80	.96	1.00	27.2	8.0	1.38	.82	.98	1.00	25.8	7.6	1.60	.84	1.00	1.00	24.4	7.2	1.86	.87	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.19	.60	.73	.85	27.6	8.1	1.38	.61	.74	.87	26.2	7.7	1.60	.62	.76	.90	24.6	7.2	1.86	.63	.78	.93
	900	425	29.6	8.7	1.19	.61	.75	.89	28.2	8.3	1.39	.62	.77	.91	26.8	7.9	1.61	.63	.79	.94	25.2	7.4	1.86	.64	.81	.96
	1000	470	30.2	8.9	1.20	.63	.78	.92	28.8	8.4	1.39	.63	.79	.95	27.4	8.0	1.61	.64	.81	.97	25.8	7.6	1.87	.66	.84	1.00
71°F (22°C)	800	380	30.6	9.0	1.20	.45	.58	.70	29.2	8.6	1.39	.46	.59	.72	27.8	8.1	1.61	.46	.60	.73	26.2	7.7	1.87	.47	.61	.75
	900	425	31.4	9.2	1.21	.46	.60	.73	30.0	8.8	1.40	.47	.61	.74	28.4	8.3	1.62	.47	.62	.76	26.8	7.9	1.87	.47	.63	.78
	1000	470	32.0	9.4	1.21	.47	.61	.75	30.6	9.0	1.40	.47	.61	.76	29.0	8.5	1.62	.48	.63	.79	27.4	8.0	1.88	.48	.64	.81

HSXA19-036 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.4	10.4	2.23	.74	.86	.98	33.6	9.8	2.50	.75	.88	1.00	32.0	9.4	2.79	.77	.91	1.00	30.0	8.8	3.13	.79	.94	1.00
	1200	565	36.8	10.8	2.25	.77	.91	1.00	35.0	10.3	2.51	.79	.94	1.00	33.2	9.7	2.81	.80	.96	1.00	31.0	9.1	3.14	.83	.99	1.00
	1400	660	38.0	11.1	2.26	.80	.96	1.00	36.2	10.6	2.52	.82	.98	1.00	34.0	10.0	2.82	.84	1.00	1.00	32.2	9.4	3.16	.87	1.00	1.00
67°F (19°C)	1000	470	37.6	11.0	2.26	.58	.71	.83	35.8	10.5	2.52	.59	.72	.85	33.8	9.9	2.82	.60	.74	.87	31.8	9.3	3.16	.62	.76	.90
	1200	565	39.0	11.4	2.27	.61	.75	.88	37.0	10.8	2.54	.62	.76	.90	35.0	10.3	2.84	.63	.78	.93	32.8	9.6	3.17	.64	.80	.96
	1400	660	40.0	11.7	2.28	.63	.77	.93	38.0	11.1	2.55	.63	.79	.95	35.8	10.5	2.85	.65	.82	.98	33.6	9.8	3.18	.67	.85	1.00
71°F (22°C)	1000	470	39.5	11.6	2.28	.45	.57	.69	37.8	11.1	2.55	.45	.58	.70	35.8	10.5	2.85	.46	.59	.72	33.6	9.8	3.18	.46	.60	.74
	1200	565	41.0	12.0	2.30	.46	.59	.72	39.0	11.4	2.56	.47	.60	.74	37.0	10.8	2.86	.47	.62	.76	34.6	10.1	3.20	.48	.63	.79
	1400	660	42.5	12.5	2.31	.47	.62	.76	40.0	11.7	2.57	.47	.62	.78	38.0	11.1	2.87	.48	.64	.80	35.4	10.4	3.21	.48	.65	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.4	7.7	1.17	.76	.90	1.00	25.2	7.4	1.37	.78	.92	1.00	24.0	7.0	1.59	.80	.94	1.00	22.6	6.6	1.84	.82	.97	1.00
	900	425	27.0	7.9	1.18	.79	.93	1.00	25.8	7.6	1.37	.80	.95	1.00	24.6	7.2	1.59	.82	.98	1.00	23.4	6.9	1.85	.85	1.00	1.00
	1000	470	27.8	8.1	1.18	.81	.96	1.00	26.4	7.7	1.37	.83	.98	1.00	25.4	7.4	1.59	.85	1.00	1.00	24.0	7.0	1.85	.88	1.00	1.00
67°F (19°C)	800	380	28.2	8.3	1.18	.61	.74	.86	27.0	7.9	1.38	.62	.75	.88	25.6	7.5	1.60	.63	.77	.90	24.2	7.1	1.86	.64	.79	.93
	900	425	28.8	8.4	1.19	.63	.76	.90	27.6	8.1	1.38	.64	.78	.92	26.2	7.7	1.60	.65	.80	.94	24.8	7.3	1.86	.66	.82	.97
	1000	470	29.4	8.6	1.19	.64	.79	.93	28.2	8.3	1.39	.65	.80	.95	26.8	7.9	1.60	.67	.82	.98	25.2	7.4	1.86	.68	.85	1.00
71°F (22°C)	800	380	29.8	8.7	1.20	.47	.60	.71	28.6	8.4	1.39	.47	.61	.73	27.2	8.0	1.61	.48	.62	.74	25.8	7.6	1.86	.49	.63	.76
	900	425	30.6	9.0	1.20	.48	.61	.74	29.4	8.6	1.39	.48	.62	.75	27.8	8.1	1.61	.49	.63	.77	26.4	7.7	1.87	.50	.65	.79
	1000	470	31.4	9.2	1.21	.49	.63	.76	30.0	8.8	1.40	.49	.64	.78	28.4	8.3	1.61	.50	.65	.80	27.0	7.9	1.87	.51	.67	.82

HSXA19-036 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.6	10.1	2.22	.75	.87	.99	33.0	9.7	2.49	.76	.89	1.00	31.2	9.1	2.78	.78	.91	1.00	29.2	8.6	3.12	.80	.94	1.00
	1200	565	36.0	10.6	2.24	.78	.92	1.00	34.2	10.0	2.50	.80	.94	1.00	32.4	9.5	2.80	.82	.97	1.00	30.4	8.9	3.13	.84	1.00	1.00
	1400	660	37.0	10.8	2.25	.81	.97	1.00	35.2	10.3	2.51	.83	.99	1.00	33.4	9.8	2.81	.86	1.00	1.00	31.6	9.3	3.15	.88	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.24	.60	.72	.84	35.0	10.3	2.51	.61	.74	.86	33.2	9.7	2.81	.62	.75	.88	31.0	9.1	3.14	.64	.77	.91
	1200	565	38.0	11.1	2.26	.63	.76	.89	36.2	10.6	2.53	.64	.77	.91	34.2	10.0	2.82	.65	.79	.94	32.0	9.4	3.16	.66	.82	.97
	1400	660	39.0	11.4	2.27	.65	.79	.94	37.2	10.9	2.54	.66	.81	.96	35.2	10.3	2.84	.67	.83	.99	32.8	9.6	3.17	.69	.86	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.46	.59	.70	37.0	10.8	2.53	.47	.60	.71	35.0	10.3	2.83	.47	.61	.73	32.8	9.6	3.17	.48	.62	.75
	1200	565	40.5	11.9	2.29	.48	.61	.73	38.5	11.3	2.55	.48	.62	.75	36.2	10.6	2.85	.49	.63	.77	34.0	10.0	3.19	.50	.65	.79
	1400	660	41.5	12.2	2.30	.49	.63	.77	39.5	11.6	2.56	.50	.65	.79	37.2	10.9	2.86	.51	.66	.81	34.8	10.2	3.20	.51	.68	.84

HSXA19-036 - CR26-36N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.18	.77	.92	1.00	25.8	7.6	1.37	.79	.93	1.00	24.6	7.2	1.59	.81	.96	1.00	23.2	6.8	1.85	.83	.98	1.00
	900	425	27.6	8.1	1.18	.80	.95	1.00	26.4	7.7	1.37	.82	.97	1.00	25.2	7.4	1.59	.84	.99	1.00	23.8	7.0	1.85	.87	1.00	1.00
	1000	470	28.4	8.3	1.19	.83	.98	1.00	27.0	7.9	1.38	.85	1.00	1.00	25.8	7.6	1.60	.87	1.00	1.00	24.6	7.2	1.86	.90	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.19	.61	.75	.88	27.4	8.0	1.38	.62	.76	.90	26.0	7.6	1.60	.64	.78	.92	24.6	7.2	1.86	.65	.80	.95
	900	425	29.4	8.6	1.19	.63	.78	.91	28.0	8.2	1.38	.64	.79	.94	26.6	7.8	1.60	.66	.81	.96	25.0	7.3	1.86	.67	.84	.99
	1000	470	30.0	8.8	1.20	.65	.80	.95	28.6	8.4	1.39	.66	.82	.97	27.2	8.0	1.61	.68	.84	.99	25.6	7.5	1.86	.69	.87	1.00
71°F (22°C)	800	380	30.2	8.9	1.20	.47	.60	.72	29.0	8.5	1.39	.48	.61	.74	27.6	8.1	1.61	.48	.62	.75	26.0	7.6	1.87	.49	.63	.78
	900	425	31.0	9.1	1.20	.48	.62	.75	29.8	8.7	1.39	.49	.63	.77	28.2	8.3	1.61	.49	.64	.79	26.6	7.8	1.87	.50	.66	.81
	1000	470	31.8	9.3	1.21	.49	.64	.78	30.4	8.9	1.40	.49	.65	.80	28.8	8.4	1.62	.50	.66	.82	27.2	8.0	1.87	.51	.68	.84

HSXA19-036 - CR26-36N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.23	.75	.89	1.00	33.2	9.7	2.49	.77	.91	1.00	31.4	9.2	2.79	.79	.93	1.00	29.6	8.7	3.13	.81	.96	1.00
	1200	565	36.4	10.7	2.24	.79	.94	1.00	34.6	10.1	2.51	.81	.96	1.00	32.8	9.6	2.81	.83	.98	1.00	30.8	9.0	3.14	.86	1.00	1.00
	1400	660	37.4	11.0	2.25	.83	.98	1.00	35.6	10.4	2.52	.85	1.00	1.00	33.6	9.8	2.82	.88	1.00	1.00	31.8	9.3	3.16	.91	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.25	.60	.73	.85	35.2	10.3	2.51	.61	.75	.87	33.2	9.7	2.81	.63	.76	.90	31.2	9.1	3.15	.64	.79	.93
	1200	565	38.5	11.3	2.26	.63	.77	.91	36.4	10.7	2.53	.64	.79	.93	34.4	10.1	2.83	.66	.81	.96	32.2	9.4	3.16	.67	.84	.98
	1400	660	39.5	11.6	2.28	.66	.81	.96	37.4	11.0	2.54	.67	.83	.98	35.2	10.3	2.84	.68	.86	1.00	33.0	9.7	3.17	.70	.89	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.47	.59	.71	37.0	10.8	2.54	.47	.60	.72	35.0	10.3	2.84	.48	.61	.74	33.0	9.7	3.17	.49	.63	.76
	1200	565	40.5	11.9	2.29	.48	.62	.75	38.5	11.3	2.55	.49	.63	.77	36.2	10.6	2.85	.49	.64	.79	34.0	10.0	3.19	.50	.66	.82
	1400	660	41.5	12.2	2.30	.49	.64	.79	39.5	11.6	2.57	.50	.66	.81	37.2	10.9	2.86	.51	.67	.84	34.8	10.2	3.20	.52	.69	.86

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CH33-36A/B/C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.4	7.7	1.17	.76	.90	1.00	25.2	7.4	1.37	.78	.92	1.00	24.0	7.0	1.59	.80	.94	1.00	22.6	6.6	1.85	.82	.97	1.00
	900	425	27.0	7.9	1.18	.79	.93	1.00	25.8	7.6	1.37	.80	.95	1.00	24.6	7.2	1.59	.82	.98	1.00	23.2	6.8	1.85	.84	1.00	1.00
	1000	470	27.6	8.1	1.18	.81	.96	1.00	26.4	7.7	1.38	.83	.98	1.00	25.0	7.3	1.59	.85	1.00	1.00	23.8	7.0	1.85	.87	1.00	1.00
67°F (19°C)	800	380	28.0	8.2	1.18	.61	.74	.86	26.8	7.9	1.38	.61	.75	.88	25.6	7.5	1.60	.63	.77	.91	24.2	7.1	1.86	.64	.79	.93
	900	425	28.8	8.4	1.19	.63	.76	.90	27.6	8.1	1.38	.63	.78	.92	26.2	7.7	1.60	.65	.80	.94	24.6	7.2	1.86	.66	.82	.97
	1000	470	29.4	8.6	1.19	.64	.79	.93	28.2	8.3	1.38	.65	.80	.95	26.6	7.8	1.60	.66	.82	.98	25.2	7.4	1.86	.68	.85	1.00
71°F (22°C)	800	380	29.8	8.7	1.20	.47	.59	.71	28.6	8.4	1.39	.47	.60	.72	27.2	8.0	1.61	.48	.61	.74	25.6	7.5	1.86	.49	.63	.76
	900	425	30.6	9.0	1.20	.48	.61	.73	29.2	8.6	1.39	.48	.62	.75	27.8	8.1	1.61	.49	.63	.77	26.2	7.7	1.87	.49	.65	.79
	1000	470	31.2	9.1	1.21	.49	.63	.76	30.0	8.8	1.40	.49	.64	.78	28.4	8.3	1.62	.50	.65	.80	26.8	7.9	1.87	.50	.66	.82

HSXA19-036 - CH33-36A/B/C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.2	10.0	2.22	.74	.87	.99	32.6	9.6	2.48	.76	.89	1.00	30.8	9.0	2.78	.77	.91	1.00	29.0	8.5	3.11	.80	.94	1.00
	1200	565	35.4	10.4	2.23	.78	.92	1.00	33.8	9.9	2.50	.79	.94	1.00	32.0	9.4	2.79	.82	.97	1.00	30.0	8.8	3.13	.84	1.00	1.00
	1400	660	36.6	10.7	2.24	.81	.97	1.00	34.8	10.2	2.51	.83	.99	1.00	32.8	9.6	2.81	.86	1.00	1.00	31.0	9.1	3.14	.88	1.00	1.00
67°F (19°C)	1000	470	36.2	10.6	2.24	.60	.72	.84	34.6	10.1	2.51	.61	.73	.86	32.8	9.6	2.80	.62	.75	.88	30.8	9.0	3.14	.63	.77	.91
	1200	565	37.6	11.0	2.26	.62	.76	.89	35.8	10.5	2.52	.63	.77	.91	33.8	9.9	2.82	.64	.79	.94	31.8	9.3	3.16	.66	.82	.97
	1400	660	38.5	11.3	2.27	.64	.79	.93	36.8	10.8	2.53	.65	.81	.96	34.8	10.2	2.83	.67	.83	.99	32.4	9.5	3.16	.69	.86	1.00
71°F (22°C)	1000	470	38.5	11.3	2.26	.47	.58	.69	36.4	10.7	2.53	.47	.59	.71	34.6	10.1	2.83	.48	.60	.73	32.6	9.6	3.17	.48	.62	.75
	1200	565	39.5	11.6	2.28	.48	.61	.73	37.8	11.1	2.55	.48	.62	.75	35.8	10.5	2.85	.49	.63	.77	33.6	9.8	3.18	.50	.65	.79
	1400	660	41.0	12.0	2.29	.49	.63	.76	39.0	11.4	2.56	.49	.64	.79	36.8	10.8	2.86	.50	.66	.81	34.4	10.1	3.20	.51	.67	.84

HSXA19-036 - CH23-41 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	25.6	7.5	1.17	.77	.90	1.00	24.6	7.2	1.36	.78	.92	1.00	23.4	6.9	1.59	.80	.94	1.00	22.2	6.5	1.85	.82	.97	1.00
	900	425	26.4	7.7	1.17	.79	.93	1.00	25.2	7.4	1.37	.80	.95	1.00	24.2	7.1	1.59	.82	.97	1.00	23.0	6.7	1.85	.85	.99	1.00
	1000	470	27.0	7.9	1.18	.81	.96	1.00	26.0	7.6	1.37	.83	.98	1.00	25.0	7.3	1.59	.85	.99	1.00	23.8	7.0	1.85	.88	1.00	1.00
67°F (19°C)	800	380	27.6	8.1	1.18	.61	.74	.86	26.4	7.7	1.37	.62	.75	.88	25.2	7.4	1.60	.63	.77	.91	23.8	7.0	1.85	.65	.79	.93
	900	425	28.4	8.3	1.19	.63	.76	.90	27.2	8.0	1.38	.64	.78	.92	25.8	7.6	1.60	.65	.80	.94	24.4	7.2	1.86	.66	.82	.97
	1000	470	29.0	8.5	1.19	.64	.79	.93	27.8	8.1	1.38	.65	.81	.95	26.4	7.7	1.60	.67	.83	.98	24.8	7.3	1.86	.68	.85	.99
71°F (22°C)	800	380	29.6	8.7	1.19	.47	.60	.71	28.4	8.3	1.39	.47	.61	.73	27.0	7.9	1.61	.47	.62	.75	25.6	7.5	1.87	.48	.63	.76
	900	425	30.4	8.9	1.20	.48	.61	.74	29.0	8.5	1.39	.48	.62	.76	27.8	8.1	1.61	.49	.64	.77	26.2	7.7	1.87	.49	.65	.80
	1000	470	31.0	9.1	1.21	.49	.63	.76	29.8	8.7	1.40	.49	.64	.78	28.2	8.3	1.61	.49	.65	.80	26.6	7.8	1.87	.50	.67	.83

HSXA19-036 - CH23-41 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.0	10.0	2.22	.75	.87	.99	32.4	9.5	2.48	.76	.89	1.00	30.6	9.0	2.78	.78	.92	1.00	28.8	8.4	3.11	.80	.95	1.00
	1200	565	35.4	10.4	2.23	.78	.93	1.00	33.6	9.8	2.50	.80	.95	1.00	32.0	9.4	2.79	.82	.97	1.00	30.2	8.9	3.13	.85	.99	1.00
	1400	660	36.6	10.7	2.24	.82	.97	1.00	34.8	10.2	2.51	.84	.99	1.00	33.2	9.7	2.81	.86	1.00	1.00	31.4	9.2	3.15	.89	1.00	1.00
67°F (19°C)	1000	470	36.2	10.6	2.24	.60	.73	.84	34.6	10.1	2.51	.61	.74	.86	32.8	9.6	2.80	.62	.76	.89	30.8	9.0	3.14	.64	.78	.92
	1200	565	37.6	11.0	2.26	.62	.76	.89	35.8	10.5	2.52	.64	.78	.92	34.0	10.0	2.82	.65	.80	.95	31.8	9.3	3.16	.67	.83	.97
	1400	660	38.5	11.3	2.27	.65	.80	.94	36.8	10.8	2.54	.66	.82	.97	34.8	10.2	2.83	.68	.84	.99	32.6	9.6	3.17	.69	.87	1.00
71°F (22°C)	1000	470	38.5	11.3	2.26	.47	.59	.70	36.6	10.7	2.53	.48	.60	.72	34.8	10.2	2.83	.48	.61	.73	32.8	9.6	3.17	.48	.62	.75
	1200	565	40.0	11.7	2.28	.48	.61	.74	38.0	11.1	2.55	.48	.62	.76	36.0	10.6	2.85	.49	.64	.78	33.8	9.9	3.19	.50	.65	.80
	1400	660	41.0	12.0	2.30	.49	.64	.78	39.0	11.4	2.56	.50	.65	.80	37.0	10.8	2.86	.51	.67	.82	34.6	10.1	3.20	.51	.68	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CH23-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.6	7.8	1.18	.77	.91	1.00	25.4	7.4	1.37	.78	.93	1.00	24.2	7.1	1.59	.80	.95	1.00	22.8	6.7	1.85	.82	.98	1.00
	900	425	27.4	8.0	1.18	.79	.94	1.00	26.2	7.7	1.37	.81	.96	1.00	24.8	7.3	1.59	.83	.99	1.00	23.6	6.9	1.85	.86	1.00	1.00
	1000	470	28.0	8.2	1.18	.82	.97	1.00	26.8	7.9	1.37	.84	.99	1.00	25.6	7.5	1.60	.86	1.00	1.00	24.4	7.2	1.86	.89	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.19	.61	.74	.87	27.2	8.0	1.38	.62	.76	.89	25.8	7.6	1.60	.63	.77	.92	24.4	7.2	1.86	.64	.80	.94
	900	425	29.2	8.6	1.19	.63	.77	.91	28.0	8.2	1.38	.64	.78	.93	26.6	7.8	1.60	.65	.80	.95	25.0	7.3	1.86	.67	.83	.98
	1000	470	30.0	8.8	1.20	.65	.80	.94	28.6	8.4	1.39	.66	.81	.96	27.0	7.9	1.60	.67	.84	.99	25.6	7.5	1.86	.68	.86	1.00
71°F (22°C)	800	380	30.2	8.9	1.20	.47	.60	.72	29.0	8.5	1.39	.47	.60	.73	27.6	8.1	1.61	.48	.62	.75	26.0	7.6	1.87	.48	.63	.77
	900	425	31.0	9.1	1.20	.48	.61	.74	29.8	8.7	1.40	.48	.62	.76	28.2	8.3	1.61	.48	.63	.78	26.6	7.8	1.87	.49	.65	.80
	1000	470	31.8	9.3	1.21	.48	.63	.77	30.4	8.9	1.40	.49	.64	.79	28.8	8.4	1.62	.50	.65	.81	27.2	8.0	1.87	.50	.67	.84

HSXA19-036 - CH23-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.23	.75	.88	.99	33.4	9.8	2.49	.76	.90	1.00	31.6	9.3	2.79	.78	.93	1.00	29.6	8.7	3.13	.80	.95	1.00
	1200	565	36.4	10.7	2.24	.79	.93	1.00	34.6	10.1	2.51	.80	.96	1.00	32.8	9.6	2.81	.83	.98	1.00	30.8	9.0	3.14	.85	1.00	1.00
	1400	660	37.6	11.0	2.25	.82	.98	1.00	35.8	10.5	2.52	.85	.99	1.00	34.0	10.0	2.82	.87	1.00	1.00	32.2	9.4	3.16	.90	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.25	.60	.73	.85	35.4	10.4	2.52	.61	.74	.87	33.4	9.8	2.82	.62	.76	.89	31.4	9.2	3.15	.64	.78	.92
	1200	565	38.5	11.3	2.27	.63	.76	.90	36.8	10.8	2.53	.64	.78	.93	34.8	10.2	2.83	.65	.80	.95	32.4	9.5	3.16	.67	.83	.98
	1400	660	39.5	11.6	2.28	.65	.80	.95	37.8	11.1	2.55	.66	.82	.97	35.6	10.4	2.84	.68	.85	.99	33.2	9.7	3.18	.70	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.46	.59	.70	37.4	11.0	2.54	.47	.60	.72	35.4	10.4	2.84	.47	.61	.73	33.2	9.7	3.18	.48	.62	.76
	1200	565	40.5	11.9	2.29	.48	.61	.74	38.5	11.3	2.56	.48	.62	.76	36.6	10.7	2.86	.49	.64	.78	34.4	10.1	3.19	.50	.65	.81
	1400	660	42.0	12.3	2.31	.49	.64	.78	40.0	11.7	2.57	.50	.65	.80	37.6	11.0	2.87	.50	.67	.83	35.0	10.3	3.20	.51	.69	.85

HSXA19-036 - CH33-42B-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.18	.76	.90	1.00	25.8	7.6	1.37	.78	.92	1.00	24.4	7.2	1.59	.80	.95	1.00	23.2	6.8	1.85	.82	.97	1.00
	900	425	27.8	8.1	1.18	.79	.94	1.00	26.6	7.8	1.38	.81	.96	1.00	25.2	7.4	1.60	.82	.98	1.00	23.8	7.0	1.85	.85	1.00	1.00
	1000	470	28.4	8.3	1.19	.81	.97	1.00	27.2	8.0	1.38	.83	.99	1.00	25.8	7.6	1.60	.84	1.00	1.00	24.6	7.2	1.86	.88	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.19	.61	.74	.86	27.6	8.1	1.38	.62	.75	.88	26.2	7.7	1.60	.63	.77	.91	24.6	7.2	1.86	.64	.79	.94
	900	425	29.6	8.7	1.19	.63	.77	.90	28.2	8.3	1.39	.64	.78	.92	26.8	7.9	1.60	.65	.80	.95	25.2	7.4	1.86	.66	.82	.98
	1000	470	30.2	8.9	1.20	.64	.79	.93	28.8	8.4	1.39	.65	.81	.96	27.2	8.0	1.61	.66	.83	.98	25.8	7.6	1.86	.68	.85	1.00
71°F (22°C)	800	380	30.4	8.9	1.20	.46	.59	.71	29.2	8.6	1.39	.47	.60	.73	27.8	8.1	1.61	.48	.61	.74	26.2	7.7	1.87	.49	.63	.76
	900	425	31.4	9.2	1.21	.48	.61	.74	30.0	8.8	1.40	.48	.62	.75	28.4	8.3	1.62	.49	.63	.78	26.8	7.9	1.87	.50	.64	.79
	1000	470	32.0	9.4	1.21	.49	.63	.76	30.6	9.0	1.40	.49	.64	.77	29.0	8.5	1.62	.50	.65	.79	27.4	8.0	1.87	.50	.66	.83

HSXA19-036 - CH33-42B-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.2	10.3	2.23	.75	.87	.99	33.6	9.8	2.49	.75	.89	1.00	31.8	9.3	2.79	.78	.92	1.00	29.8	8.7	3.13	.80	.95	1.00
	1200	565	36.6	10.7	2.25	.78	.92	1.00	34.8	10.2	2.51	.80	.95	1.00	33.0	9.7	2.81	.82	.97	1.00	31.0	9.1	3.14	.84	1.00	1.00
	1400	660	37.8	11.1	2.26	.81	.97	1.00	35.8	10.5	2.52	.84	.99	1.00	33.8	9.9	2.82	.86	1.00	1.00	32.0	9.4	3.16	.89	1.00	1.00
67°F (19°C)	1000	470	37.4	11.0	2.25	.60	.72	.84	35.6	10.4	2.52	.60	.73	.86	33.6	9.8	2.82	.62	.75	.88	31.6	9.3	3.16	.63	.77	.91
	1200	565	39.0	11.4	2.27	.62	.76	.89	37.0	10.8	2.54	.63	.78	.91	34.8	10.2	2.83	.64	.79	.94	32.6	9.6	3.17	.66	.82	.97
	1400	660	40.0	11.7	2.28	.64	.79	.94	37.8	11.1	2.55	.66	.81	.96	35.6	10.4	2.84	.67	.84	.99	33.4	9.8	3.18	.69	.87	1.00
71°F (22°C)	1000	470	39.5	11.6	2.28	.47	.58	.70	37.6	11.0	2.54	.47	.59	.71	35.6	10.4	2.84	.47	.60	.72	33.4	9.8	3.18	.48	.62	.75
	1200	565	41.0	12.0	2.29	.47	.60	.73	39.0	11.4	2.56	.48	.62	.75	36.8	10.8	2.86	.49	.63	.77	34.6	10.1	3.19	.50	.65	.80
	1400	660	42.0	12.3	2.31	.49	.63	.77	40.0	11.7	2.57	.49	.64	.79	37.6	11.0	2.87	.50	.66	.81	35.4	10.4	3.21	.51	.68	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CH33-48C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.2	8.0	1.18	.77	.91	1.00	26.2	7.7	1.37	.78	.93	1.00	24.8	7.3	1.59	.80	.95	1.00	23.4	6.9	1.85	.82	.98	1.00
	900	425	28.0	8.2	1.18	.80	.94	1.00	26.8	7.9	1.38	.81	.96	1.00	25.4	7.4	1.60	.83	.99	1.00	24.0	7.0	1.85	.86	1.00	1.00
	1000	470	28.8	8.4	1.19	.82	.98	1.00	27.4	8.0	1.38	.84	.99	1.00	26.2	7.7	1.60	.86	1.00	1.00	24.8	7.3	1.86	.89	1.00	1.00
67°F (19°C)	800	380	29.0	8.5	1.19	.62	.74	.87	27.8	8.1	1.38	.62	.76	.89	26.4	7.7	1.60	.63	.78	.91	25.0	7.3	1.86	.65	.80	.94
	900	425	29.8	8.7	1.20	.63	.77	.91	28.6	8.4	1.39	.64	.78	.93	27.0	7.9	1.61	.65	.80	.95	25.6	7.5	1.86	.66	.83	.98
	1000	470	30.6	9.0	1.20	.65	.80	.94	29.2	8.6	1.39	.65	.81	.96	27.6	8.1	1.61	.67	.83	.99	26.0	7.6	1.86	.69	.86	1.00
71°F (22°C)	800	380	30.8	9.0	1.20	.47	.60	.72	29.6	8.7	1.39	.48	.61	.73	28.0	8.2	1.61	.48	.62	.75	26.6	7.8	1.87	.49	.63	.77
	900	425	31.8	9.3	1.21	.48	.61	.74	30.4	8.9	1.40	.49	.62	.76	28.8	8.4	1.62	.49	.63	.78	27.2	8.0	1.87	.49	.65	.80
	1000	470	32.4	9.5	1.21	.49	.63	.77	31.0	9.1	1.40	.49	.64	.78	29.4	8.6	1.62	.50	.65	.80	27.8	8.1	1.88	.51	.67	.83

HSXA19-036 - CH33-48C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.8	10.5	2.24	.75	.87	.99	34.0	10.0	2.50	.76	.90	1.00	32.2	9.4	2.80	.78	.92	1.00	30.2	8.9	3.13	.80	.95	1.00
	1200	565	37.2	10.9	2.25	.79	.93	1.00	35.4	10.4	2.52	.80	.95	1.00	33.6	9.8	2.82	.82	.98	1.00	31.4	9.2	3.15	.85	1.00	1.00
	1400	660	38.5	11.3	2.27	.82	.98	1.00	36.6	10.7	2.53	.84	1.00	1.00	34.6	10.1	2.83	.86	1.00	1.00	32.8	9.6	3.17	.90	1.00	1.00
67°F (19°C)	1000	470	38.0	11.1	2.26	.60	.72	.84	36.2	10.6	2.53	.61	.74	.86	34.2	10.0	2.82	.62	.76	.89	32.0	9.4	3.16	.63	.78	.92
	1200	565	39.5	11.6	2.28	.63	.76	.90	37.4	11.0	2.54	.64	.78	.92	35.4	10.4	2.84	.65	.80	.95	33.0	9.7	3.17	.67	.83	.98
	1400	660	40.5	11.9	2.29	.65	.80	.95	38.5	11.3	2.55	.66	.82	.97	36.2	10.6	2.85	.67	.84	1.00	34.0	10.0	3.19	.69	.87	1.00
71°F (22°C)	1000	470	40.0	11.7	2.28	.47	.58	.70	38.0	11.1	2.55	.47	.59	.71	36.0	10.6	2.85	.48	.61	.73	34.0	10.0	3.19	.48	.62	.75
	1200	565	41.5	12.2	2.30	.48	.61	.74	39.5	11.6	2.57	.48	.62	.76	37.4	11.0	2.87	.49	.64	.77	35.0	10.3	3.20	.50	.65	.80
	1400	660	43.0	12.6	2.32	.49	.64	.78	40.5	11.9	2.58	.50	.64	.79	38.5	11.3	2.88	.50	.66	.82	35.8	10.5	3.22	.51	.68	.85

HSXA19-036 - CB30M-31 - CBX32M-030 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.6	7.8	1.18	.76	.90	1.00	25.4	7.4	1.37	.78	.93	1.00	24.2	7.1	1.59	.79	.95	1.00	22.8	6.7	1.85	.82	.98	1.00
	900	425	27.4	8.0	1.18	.79	.94	1.00	26.2	7.7	1.37	.81	.96	1.00	25.0	7.3	1.59	.82	.98	1.00	23.6	6.9	1.85	.85	1.00	1.00
	1000	470	28.0	8.2	1.18	.82	.97	1.00	26.8	7.9	1.38	.83	.99	1.00	25.6	7.5	1.60	.85	1.00	1.00	24.2	7.1	1.86	.88	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.19	.60	.74	.87	27.2	8.0	1.38	.61	.75	.89	25.8	7.6	1.60	.62	.77	.91	24.4	7.2	1.86	.63	.79	.94
	900	425	29.2	8.6	1.19	.61	.77	.91	27.8	8.1	1.38	.63	.78	.93	26.4	7.7	1.60	.64	.80	.95	25.0	7.3	1.86	.65	.82	.98
	1000	470	29.8	8.7	1.20	.63	.79	.94	28.4	8.3	1.39	.64	.81	.96	27.0	7.9	1.61	.65	.83	.98	25.4	7.4	1.86	.67	.85	1.00
71°F (22°C)	800	380	30.0	8.8	1.20	.45	.58	.71	28.8	8.4	1.39	.46	.59	.72	27.4	8.0	1.61	.46	.60	.74	25.8	7.6	1.86	.47	.62	.76
	900	425	31.0	9.1	1.20	.46	.60	.74	29.6	8.7	1.39	.46	.61	.75	28.2	8.3	1.61	.47	.62	.77	26.6	7.8	1.87	.48	.64	.80
	1000	470	31.6	9.3	1.21	.47	.62	.76	30.2	8.9	1.40	.47	.63	.78	28.6	8.4	1.62	.48	.64	.80	27.0	7.9	1.87	.48	.66	.83

HSXA19-036 - CB30M-31 - CBX32M-030 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.22	.74	.88	.99	33.0	9.7	2.49	.76	.90	1.00	31.2	9.1	2.78	.78	.92	1.00	29.2	8.6	3.12	.80	.95	1.00
	1200	565	36.0	10.6	2.24	.78	.93	1.00	34.2	10.0	2.50	.80	.96	1.00	32.4	9.5	2.80	.82	.98	1.00	30.4	8.9	3.14	.85	1.00	1.00
	1400	660	37.0	10.8	2.25	.82	.98	1.00	35.2	10.3	2.52	.84	.99	1.00	33.4	9.8	2.81	.86	1.00	1.00	31.6	9.3	3.15	.89	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.25	.59	.72	.84	35.0	10.3	2.51	.60	.73	.87	33.0	9.7	2.81	.61	.75	.89	31.0	9.1	3.15	.62	.77	.92
	1200	565	38.0	11.1	2.26	.61	.76	.90	36.2	10.6	2.53	.62	.78	.92	34.2	10.0	2.82	.64	.80	.95	32.0	9.4	3.16	.65	.82	.98
	1400	660	39.0	11.4	2.27	.64	.80	.95	37.2	10.9	2.54	.65	.82	.97	35.0	10.3	2.84	.66	.84	.99	32.8	9.6	3.17	.68	.87	1.00
71°F (22°C)	1000	470	38.5	11.3	2.27	.45	.58	.69	36.8	10.8	2.53	.46	.59	.71	34.8	10.2	2.83	.46	.60	.73	32.8	9.6	3.17	.46	.61	.75
	1200	565	40.0	11.7	2.28	.46	.60	.73	38.0	11.1	2.55	.47	.61	.75	36.0	10.6	2.85	.47	.62	.77	33.8	9.9	3.19	.48	.64	.80
	1400	660	41.5	12.2	2.30	.47	.63	.77	39.0	11.4	2.56	.48	.64	.80	37.0	10.8	2.86	.48	.65	.82	34.6	10.1	3.20	.49	.67	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.18	.76	.91	1.00	25.6	7.5	1.37	.78	.93	1.00	24.4	7.2	1.59	.80	.95	1.00	23.0	6.7	1.85	.82	.98	1.00
	900	425	27.6	8.1	1.18	.79	.94	1.00	26.4	7.7	1.37	.81	.97	1.00	25.0	7.3	1.60	.83	.99	1.00	23.6	6.9	1.85	.85	1.00	1.00
	1000	470	28.2	8.3	1.18	.82	.98	1.00	27.0	7.9	1.38	.83	.99	1.00	25.6	7.5	1.60	.86	1.00	1.00	24.4	7.2	1.86	.88	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.19	.60	.74	.87	27.4	8.0	1.38	.61	.75	.89	26.0	7.6	1.60	.62	.77	.91	24.6	7.2	1.86	.63	.79	.94
	900	425	29.4	8.6	1.19	.62	.76	.91	28.0	8.2	1.39	.63	.78	.93	26.6	7.8	1.60	.64	.80	.96	25.0	7.3	1.86	.65	.82	.98
	1000	470	30.0	8.8	1.20	.63	.79	.94	28.6	8.4	1.39	.64	.81	.97	27.0	7.9	1.61	.66	.83	.99	25.6	7.5	1.86	.67	.86	1.00
71°F (22°C)	800	380	30.2	8.9	1.20	.45	.58	.71	29.0	8.5	1.39	.46	.59	.73	27.6	8.1	1.61	.46	.60	.74	26.0	7.6	1.87	.47	.62	.76
	900	425	31.2	9.1	1.20	.46	.60	.74	29.8	8.7	1.40	.46	.61	.75	28.2	8.3	1.61	.47	.63	.77	26.8	7.9	1.87	.48	.64	.80
	1000	470	31.8	9.3	1.21	.47	.62	.77	30.4	8.9	1.40	.47	.63	.78	28.8	8.4	1.62	.48	.64	.80	27.2	8.0	1.87	.49	.66	.83

HSXA19-036 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.23	.74	.88	1.00	33.2	9.7	2.49	.76	.90	1.00	31.4	9.2	2.78	.78	.93	1.00	29.4	8.6	3.12	.80	.96	1.00
	1200	565	36.2	10.6	2.24	.78	.94	1.00	34.4	10.1	2.50	.80	.96	1.00	32.6	9.6	2.80	.82	.98	1.00	30.6	9.0	3.14	.85	1.00	1.00
	1400	660	37.2	10.9	2.25	.83	.98	1.00	35.6	10.4	2.52	.84	1.00	1.00	33.6	9.8	2.82	.87	1.00	1.00	31.8	9.3	3.16	.90	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.25	.59	.72	.85	35.2	10.3	2.51	.60	.73	.87	33.4	9.8	2.81	.61	.75	.89	31.2	9.1	3.15	.62	.78	.92
	1200	565	38.5	11.3	2.27	.61	.76	.90	36.4	10.7	2.53	.62	.78	.93	34.4	10.1	2.83	.64	.80	.96	32.2	9.4	3.16	.65	.83	.98
	1400	660	39.5	11.6	2.28	.64	.80	.96	37.4	11.0	2.54	.65	.82	.98	35.2	10.3	2.84	.67	.85	1.00	33.0	9.7	3.17	.68	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.45	.58	.69	37.0	10.8	2.54	.45	.59	.71	35.2	10.3	2.84	.46	.60	.73	33.0	9.7	3.17	.46	.61	.75
	1200	565	40.5	11.9	2.29	.46	.60	.74	38.5	11.3	2.55	.47	.61	.76	36.2	10.6	2.85	.47	.63	.78	34.0	10.0	3.19	.48	.64	.80
	1400	660	41.5	12.2	2.30	.47	.63	.78	39.5	11.6	2.57	.48	.64	.80	37.2	10.9	2.87	.48	.66	.82	34.8	10.2	3.20	.49	.68	.85

HSXA19-036 - CB30U-31 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.18	.77	.91	1.00	25.6	7.5	1.37	.78	.93	1.00	24.4	7.2	1.59	.80	.95	1.00	23.0	6.7	1.85	.82	.98	1.00
	900	425	27.6	8.1	1.18	.80	.95	1.00	26.4	7.7	1.37	.82	.97	1.00	25.0	7.3	1.60	.84	.99	1.00	23.8	7.0	1.85	.86	1.00	1.00
	1000	470	28.2	8.3	1.19	.83	.98	1.00	27.0	7.9	1.38	.84	.99	1.00	25.8	7.6	1.60	.86	1.00	1.00	24.4	7.2	1.86	.89	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.19	.60	.74	.87	27.2	8.0	1.38	.62	.76	.89	25.8	7.6	1.60	.63	.77	.92	24.4	7.2	1.86	.64	.80	.95
	900	425	29.4	8.6	1.19	.63	.78	.92	28.0	8.2	1.38	.64	.79	.94	26.6	7.8	1.60	.65	.81	.96	25.0	7.3	1.86	.67	.84	.99
	1000	470	30.0	8.8	1.20	.65	.80	.95	28.6	8.4	1.39	.66	.82	.97	27.2	8.0	1.61	.67	.84	.99	25.6	7.5	1.87	.69	.87	1.00
71°F (22°C)	800	380	30.2	8.9	1.20	.46	.59	.71	28.8	8.4	1.39	.46	.60	.73	27.4	8.0	1.61	.47	.61	.75	26.0	7.6	1.87	.48	.63	.77
	900	425	31.0	9.1	1.21	.48	.61	.75	29.6	8.7	1.39	.48	.63	.77	28.2	8.3	1.62	.49	.64	.79	26.6	7.8	1.87	.50	.65	.80
	1000	470	31.8	9.3	1.21	.48	.63	.78	30.4	8.9	1.40	.49	.64	.79	28.8	8.4	1.62	.50	.66	.81	27.2	8.0	1.87	.50	.67	.84

HSXA19-036 - CB30U-31 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.23	.75	.89	1.00	33.2	9.7	2.49	.77	.91	1.00	31.4	9.2	2.79	.79	.93	1.00	29.4	8.6	3.12	.81	.96	1.00
	1200	565	36.2	10.6	2.24	.79	.94	1.00	34.4	10.1	2.51	.81	.97	1.00	32.6	9.6	2.80	.83	.99	1.00	30.6	9.0	3.14	.86	1.00	1.00
	1400	660	37.4	11.0	2.25	.83	.98	1.00	35.6	10.4	2.52	.85	1.00	1.00	33.6	9.8	2.82	.88	1.00	1.00	31.8	9.3	3.16	.91	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.25	.60	.73	.85	35.2	10.3	2.51	.61	.75	.88	33.2	9.7	2.81	.62	.76	.90	31.2	9.1	3.15	.64	.79	.93
	1200	565	38.5	11.3	2.26	.63	.77	.91	36.4	10.7	2.53	.64	.79	.94	34.4	10.1	2.83	.65	.81	.96	32.2	9.4	3.16	.67	.84	.99
	1400	660	39.5	11.6	2.27	.65	.81	.96	37.4	11.0	2.54	.67	.83	.98	35.2	10.3	2.84	.68	.86	1.00	33.0	9.7	3.17	.70	.89	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.47	.59	.71	37.0	10.8	2.54	.47	.60	.72	35.0	10.3	2.84	.47	.61	.74	33.0	9.7	3.17	.48	.62	.76
	1200	565	40.5	11.9	2.29	.48	.61	.75	38.5	11.3	2.55	.48	.63	.76	36.2	10.6	2.85	.49	.64	.79	34.0	10.0	3.19	.50	.66	.81
	1400	660	41.5	12.2	2.30	.49	.64	.79	39.5	11.6	2.57	.50	.66	.81	37.2	10.9	2.86	.50	.67	.83	34.8	10.2	3.20	.51	.69	.86

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CB30U-41/46 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.18	.78	.92	1.00	25.8	7.6	1.37	.79	.94	1.00	24.6	7.2	1.59	.81	.96	1.00	23.2	6.8	1.85	.83	.99	1.00
	900	425	27.8	8.1	1.18	.80	.95	1.00	26.6	7.8	1.37	.82	.98	1.00	25.2	7.4	1.60	.84	.99	1.00	24.0	7.0	1.85	.86	1.00	1.00
	1000	470	28.4	8.3	1.19	.83	.98	1.00	27.2	8.0	1.38	.85	1.00	1.00	26.0	7.6	1.60	.87	1.00	1.00	24.8	7.3	1.86	.90	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.19	.62	.75	.88	27.6	8.1	1.38	.62	.77	.90	26.2	7.7	1.60	.64	.78	.93	24.6	7.2	1.86	.65	.81	.96
	900	425	29.6	8.7	1.19	.63	.78	.92	28.2	8.3	1.39	.64	.80	.94	26.8	7.9	1.61	.66	.81	.97	25.2	7.4	1.86	.67	.84	.99
	1000	470	30.2	8.9	1.20	.65	.81	.95	28.8	8.4	1.39	.66	.82	.98	27.2	8.0	1.61	.67	.85	.99	25.8	7.6	1.86	.69	.87	1.00
71°F (22°C)	800	380	30.4	8.9	1.20	.47	.60	.72	29.2	8.6	1.39	.48	.61	.74	27.8	8.1	1.61	.48	.62	.76	26.2	7.7	1.87	.49	.63	.78
	900	425	31.2	9.1	1.21	.48	.62	.75	30.0	8.8	1.40	.48	.63	.77	28.4	8.3	1.62	.49	.64	.79	26.8	7.9	1.87	.50	.66	.81
	1000	470	32.0	9.4	1.21	.49	.64	.78	30.6	9.0	1.40	.49	.65	.80	29.0	8.5	1.62	.50	.66	.82	27.4	8.0	1.87	.50	.67	.85

HSXA19-036 - CB30U-41/46 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.2	10.3	2.23	.76	.89	1.00	33.4	9.8	2.49	.77	.91	1.00	31.6	9.3	2.79	.79	.94	1.00	29.6	8.7	3.12	.82	.97	1.00
	1200	565	36.4	10.7	2.24	.80	.95	1.00	34.6	10.1	2.51	.82	.97	1.00	32.8	9.6	2.80	.84	.99	1.00	30.8	9.0	3.14	.87	1.00	1.00
	1400	660	37.6	11.0	2.26	.84	.99	1.00	35.8	10.5	2.52	.86	1.00	1.00	34.0	10.0	2.82	.89	1.00	1.00	32.2	9.4	3.16	.92	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.25	.60	.73	.86	35.4	10.4	2.52	.61	.75	.88	33.6	9.8	2.82	.62	.77	.90	31.4	9.2	3.15	.64	.79	.94
	1200	565	38.5	11.3	2.27	.63	.77	.92	36.6	10.7	2.53	.64	.80	.94	34.6	10.1	2.83	.66	.82	.97	32.4	9.5	3.17	.67	.84	.99
	1400	660	39.5	11.6	2.28	.66	.82	.97	37.6	11.0	2.54	.67	.84	.98	35.6	10.4	2.84	.69	.86	1.00	33.2	9.7	3.17	.70	.90	1.00
71°F (22°C)	1000	470	39.0	11.4	2.27	.47	.59	.71	37.2	10.9	2.54	.47	.60	.73	35.2	10.3	2.84	.48	.61	.74	33.2	9.7	3.18	.48	.63	.77
	1200	565	40.5	11.9	2.29	.48	.62	.75	38.5	11.3	2.56	.49	.63	.77	36.4	10.7	2.85	.49	.64	.79	34.2	10.0	3.19	.50	.66	.82
	1400	660	41.5	12.2	2.30	.49	.64	.79	39.5	11.6	2.57	.50	.66	.82	37.4	11.0	2.87	.51	.68	.84	35.0	10.3	3.20	.52	.70	.87

HSXA19-036 - CBX32MV-024/030 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.6	7.8	1.18	.76	.90	1.00	25.4	7.4	1.37	.78	.93	1.00	24.2	7.1	1.59	.79	.95	1.00	22.8	6.7	1.85	.82	.98	1.00
	900	425	27.4	8.0	1.18	.79	.94	1.00	26.2	7.7	1.37	.81	.96	1.00	25.0	7.3	1.59	.82	.98	1.00	23.6	6.9	1.85	.85	1.00	1.00
	1000	470	28.0	8.2	1.18	.82	.97	1.00	26.8	7.9	1.38	.83	.99	1.00	25.6	7.5	1.60	.85	1.00	1.00	24.2	7.1	1.86	.88	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.19	.60	.74	.87	27.2	8.0	1.38	.61	.75	.89	25.8	7.6	1.60	.62	.77	.91	24.4	7.2	1.86	.63	.79	.94
	900	425	29.2	8.6	1.19	.61	.77	.91	27.8	8.1	1.38	.63	.78	.93	26.4	7.7	1.60	.64	.80	.95	25.0	7.3	1.86	.65	.82	.98
	1000	470	29.8	8.7	1.20	.63	.79	.94	28.4	8.3	1.39	.64	.81	.96	27.0	7.9	1.61	.65	.83	.98	25.4	7.4	1.86	.67	.85	1.00
71°F (22°C)	800	380	30.0	8.8	1.20	.45	.58	.71	28.8	8.4	1.39	.46	.59	.72	27.4	8.0	1.61	.46	.60	.74	25.8	7.6	1.86	.47	.62	.76
	900	425	31.0	9.1	1.20	.46	.60	.74	29.6	8.7	1.39	.46	.61	.75	28.2	8.3	1.61	.47	.62	.77	26.6	7.8	1.87	.48	.64	.80
	1000	470	31.6	9.3	1.21	.47	.62	.76	30.2	8.9	1.40	.47	.63	.78	28.6	8.4	1.62	.48	.64	.80	27.0	7.9	1.87	.48	.66	.83

HSXA19-036 - CBX32MV-024/030 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.4	10.4	2.23	.76	.91	1.00	33.6	9.8	2.50	.78	.93	1.00	31.8	9.3	2.79	.80	.96	1.00	29.8	8.7	3.13	.82	.98	1.00
	1200	565	36.0	10.6	2.24	.78	.93	1.00	34.2	10.0	2.50	.80	.96	1.00	32.4	9.5	2.80	.82	.98	1.00	30.4	8.9	3.14	.85	1.00	1.00
	1320	625	36.6	10.7	2.25	.80	.96	1.00	34.8	10.2	2.51	.83	.98	1.00	33.0	9.7	2.81	.85	1.00	1.00	31.0	9.1	3.14	.87	1.00	1.00
67°F (19°C)	1100	520	37.4	11.0	2.25	.60	.74	.87	35.6	10.4	2.52	.61	.75	.89	33.8	9.9	2.82	.62	.77	.92	31.6	9.3	3.16	.64	.80	.95
	1200	565	38.0	11.1	2.26	.61	.76	.90	36.2	10.6	2.53	.62	.78	.92	34.2	10.0	2.82	.64	.80	.95	32.0	9.4	3.16	.65	.82	.98
	1320	625	39.0	11.4	2.27	.63	.78	.93	36.8	10.8	2.53	.64	.80	.96	34.8	10.2	2.83	.65	.82	.98	32.6	9.6	3.17	.67	.85	1.00
71°F (22°C)	1100	520	39.5	11.6	2.28	.46	.59	.72	37.6	11.0	2.54	.46	.60	.73	35.6	10.4	2.84	.47	.61	.75	33.4	9.8	3.18	.47	.62	.78
	1200	565	40.0	11.7	2.28	.46	.60	.73	38.0	11.1	2.55	.47	.61	.75	36.0	10.6	2.85	.47	.62	.77	33.8	9.9	3.19	.48	.64	.80
	1320	625	41.0	12.0	2.29	.47	.61	.76	39.0	11.4	2.56	.47	.63	.78	36.6	10.7	2.85	.48	.64	.80	34.4	10.1	3.19	.49	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CB31MV-41 - CBX32MV-036 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	795	375	26.8	7.9	1.18	.76	.90	1.00	25.6	7.5	1.37	.78	.93	1.00	24.4	7.2	1.59	.79	.95	1.00	23.0	6.7	1.85	.82	.98	1.00
	855	405	27.2	8.0	1.18	.78	.93	1.00	26.0	7.6	1.37	.80	.95	1.00	24.8	7.3	1.59	.81	.97	1.00	23.4	6.9	1.85	.84	1.00	1.00
	900	425	27.6	8.1	1.18	.79	.94	1.00	26.4	7.7	1.37	.81	.97	1.00	25.0	7.3	1.60	.83	.99	1.00	23.6	6.9	1.85	.85	1.00	1.00
67°F (19°C)	795	375	28.6	8.4	1.19	.60	.74	.87	27.4	8.0	1.38	.61	.75	.89	26.0	7.6	1.60	.62	.77	.91	24.4	7.2	1.86	.63	.79	.94
	855	405	29.0	8.5	1.19	.61	.75	.89	27.8	8.1	1.38	.62	.77	.91	26.4	7.7	1.60	.63	.79	.94	24.8	7.3	1.86	.64	.81	.97
	900	425	29.4	8.6	1.19	.62	.76	.91	28.0	8.2	1.39	.63	.78	.93	26.6	7.8	1.60	.64	.80	.96	25.0	7.3	1.86	.65	.82	.98
71°F (22°C)	795	375	30.2	8.9	1.20	.45	.58	.71	29.0	8.5	1.39	.46	.59	.72	27.4	8.0	1.61	.46	.60	.74	26.0	7.6	1.87	.47	.62	.76
	855	405	30.8	9.0	1.20	.46	.59	.73	29.4	8.6	1.39	.46	.60	.74	28.0	8.2	1.61	.47	.62	.76	26.4	7.7	1.87	.47	.63	.78
	900	425	31.0	9.1	1.20	.46	.60	.74	29.8	8.7	1.40	.46	.61	.75	28.2	8.3	1.61	.47	.63	.77	26.6	7.8	1.87	.48	.64	.80

HSXA19-036 - CB31MV-41 - CBX32MV-036 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1135	535	35.8	10.5	2.24	.77	.92	1.00	34.0	10.0	2.50	.79	.94	1.00	32.2	9.4	2.80	.81	.97	1.00	30.2	8.9	3.13	.83	.99	1.00
	1225	580	36.4	10.7	2.24	.79	.94	1.00	34.6	10.1	2.51	.81	.96	1.00	32.6	9.6	2.80	.83	.99	1.00	30.8	9.0	3.14	.86	1.00	1.00
	1275	600	36.6	10.7	2.25	.80	.96	1.00	34.8	10.2	2.51	.82	.98	1.00	33.0	9.7	2.81	.84	1.00	1.00	31.0	9.1	3.14	.87	1.00	1.00
67°F (19°C)	1135	535	38.0	11.1	2.26	.61	.75	.88	36.0	10.6	2.53	.62	.77	.91	34.0	10.0	2.82	.63	.79	.94	32.0	9.4	3.16	.64	.81	.97
	1225	580	38.5	11.3	2.27	.62	.77	.91	36.6	10.7	2.53	.63	.79	.94	34.6	10.1	2.83	.64	.81	.96	32.2	9.4	3.16	.66	.83	.99
	1275	600	39.0	11.4	2.27	.62	.78	.92	36.8	10.8	2.53	.63	.80	.95	34.8	10.2	2.83	.65	.82	.97	32.6	9.6	3.17	.67	.85	1.00
71°F (22°C)	1135	535	40.0	11.7	2.28	.46	.59	.72	38.0	11.1	2.55	.46	.60	.74	36.0	10.6	2.85	.47	.62	.76	33.6	9.8	3.19	.47	.63	.79
	1225	580	40.5	11.9	2.29	.46	.60	.74	38.5	11.3	2.55	.47	.62	.76	36.4	10.7	2.85	.47	.63	.78	34.2	10.0	3.19	.48	.65	.81
	1275	600	41.0	12.0	2.29	.47	.61	.75	39.0	11.4	2.56	.47	.62	.77	36.6	10.7	2.86	.48	.64	.80	34.4	10.1	3.19	.48	.65	.82

HSXA19-036 - CB30M-51 - CB30U-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.4	8.0	1.18	.76	.91	1.00	26.2	7.7	1.37	.78	.93	1.00	24.8	7.3	1.59	.80	.95	1.00	23.4	6.9	1.85	.82	.98	1.00
	900	425	28.2	8.3	1.19	.79	.95	1.00	26.8	7.9	1.38	.81	.97	1.00	25.6	7.5	1.60	.82	.99	1.00	24.2	7.1	1.86	.85	1.00	1.00
	1000	470	28.8	8.4	1.19	.82	.98	1.00	27.6	8.1	1.38	.84	1.00	1.00	26.4	7.7	1.60	.86	1.00	1.00	25.0	7.3	1.86	.89	1.00	1.00
67°F (19°C)	800	380	29.2	8.6	1.19	.60	.73	.87	28.0	8.2	1.38	.61	.75	.89	26.6	7.8	1.60	.62	.77	.92	25.0	7.3	1.86	.63	.79	.94
	900	425	30.0	8.8	1.20	.62	.76	.91	28.6	8.4	1.39	.63	.78	.93	27.2	8.0	1.61	.64	.80	.96	25.6	7.5	1.86	.65	.83	.98
	1000	470	30.6	9.0	1.20	.63	.79	.95	29.2	8.6	1.39	.64	.81	.97	27.8	8.1	1.61	.66	.83	.99	26.0	7.6	1.87	.67	.86	1.00
71°F (22°C)	800	380	31.0	9.1	1.20	.45	.58	.71	29.6	8.7	1.39	.45	.59	.72	28.2	8.3	1.61	.46	.60	.74	26.6	7.8	1.87	.46	.62	.76
	900	425	31.8	9.3	1.21	.46	.60	.74	30.4	8.9	1.40	.46	.61	.75	28.8	8.4	1.62	.47	.62	.77	27.2	8.0	1.87	.47	.64	.80
	1000	470	32.6	9.6	1.22	.47	.62	.77	31.0	9.1	1.40	.47	.63	.78	29.4	8.6	1.62	.47	.64	.80	27.8	8.1	1.88	.49	.66	.83

HSXA19-036 - CB30M-51 - CB30U-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.0	10.6	2.24	.74	.88	1.00	34.2	10.0	2.50	.76	.90	1.00	32.2	9.4	2.80	.78	.93	1.00	30.2	8.9	3.13	.80	.96	1.00
	1200	565	37.4	11.0	2.25	.78	.94	1.00	35.4	10.4	2.52	.80	.96	1.00	33.6	9.8	2.81	.82	.99	1.00	31.6	9.3	3.15	.85	1.00	1.00
	1400	660	38.5	11.3	2.27	.82	.98	1.00	36.6	10.7	2.53	.85	1.00	1.00	34.8	10.2	2.83	.87	1.00	1.00	32.8	9.6	3.17	.90	1.00	1.00
67°F (19°C)	1000	470	38.0	11.1	2.26	.59	.72	.84	36.2	10.6	2.53	.60	.73	.87	34.2	10.0	2.83	.61	.75	.89	32.0	9.4	3.16	.62	.78	.93
	1200	565	39.5	11.6	2.28	.61	.76	.91	37.6	11.0	2.54	.62	.78	.93	35.4	10.4	2.84	.64	.80	.96	33.0	9.7	3.17	.65	.83	.99
	1400	660	40.5	11.9	2.29	.64	.80	.96	38.5	11.3	2.55	.65	.82	.98	36.4	10.7	2.85	.67	.85	1.00	34.0	10.0	3.19	.68	.88	1.00
71°F (22°C)	1000	470	40.0	11.7	2.28	.45	.57	.69	38.0	11.1	2.55	.45	.58	.71	36.2	10.6	2.85	.46	.59	.73	33.8	9.9	3.19	.46	.61	.75
	1200	565	41.5	12.2	2.30	.46	.60	.74	39.5	11.6	2.57	.46	.61	.76	37.4	11.0	2.87	.47	.63	.78	35.0	10.3	3.20	.48	.64	.81
	1400	660	43.0	12.6	2.32	.47	.63	.78	40.5	11.9	2.58	.47	.64	.80	38.5	11.3	2.88	.48	.66	.83	35.8	10.5	3.22	.49	.68	.86

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	835	395	27.6	8.1	1.18	.77	.92	1.00	26.4	7.7	1.37	.79	.94	1.00	25.0	7.3	1.60	.80	.97	1.00	23.8	7.0	1.85	.83	.99	1.00
	840	395	27.6	8.1	1.18	.77	.92	1.00	26.4	7.7	1.37	.79	.95	1.00	25.2	7.4	1.60	.81	.97	1.00	23.8	7.0	1.85	.83	.99	1.00
	960	455	28.6	8.4	1.19	.81	.97	1.00	27.4	8.0	1.38	.82	.99	1.00	26.0	7.6	1.60	.85	1.00	1.00	24.8	7.3	1.86	.88	1.00	1.00
67°F (19°C)	835	395	29.4	8.6	1.19	.60	.74	.88	28.2	8.3	1.39	.61	.76	.91	26.8	7.9	1.61	.63	.78	.93	25.2	7.4	1.86	.64	.80	.96
	840	395	29.4	8.6	1.19	.60	.75	.89	28.2	8.3	1.39	.62	.76	.91	26.8	7.9	1.60	.63	.78	.93	25.2	7.4	1.86	.64	.80	.96
	960	455	30.4	8.9	1.20	.63	.78	.93	29.0	8.5	1.39	.63	.80	.96	27.6	8.1	1.61	.65	.82	.98	26.0	7.6	1.87	.66	.85	1.00
71°F (22°C)	835	395	31.2	9.1	1.21	.45	.59	.72	29.8	8.7	1.40	.46	.60	.74	28.4	8.3	1.62	.46	.61	.75	26.8	7.9	1.87	.47	.62	.77
	840	395	31.2	9.1	1.21	.45	.59	.72	30.0	8.8	1.40	.46	.60	.74	28.4	8.3	1.62	.46	.61	.75	26.8	7.9	1.87	.47	.63	.78
	960	455	32.2	9.4	1.21	.46	.61	.76	30.8	9.0	1.40	.47	.62	.77	29.2	8.6	1.62	.47	.63	.79	27.6	8.1	1.88	.48	.65	.82

HSXA19-036 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	37.4	11.0	2.25	.78	.94	1.00	35.4	10.4	2.52	.80	.96	1.00	33.6	9.8	2.81	.82	.99	1.00	31.6	9.3	3.15	.85	1.00	1.00
	1205	570	37.4	11.0	2.25	.79	.94	1.00	35.6	10.4	2.52	.80	.96	1.00	33.6	9.8	2.81	.82	.99	1.00	31.6	9.3	3.15	.85	1.00	1.00
	1380	650	38.5	11.3	2.26	.82	.98	1.00	36.4	10.7	2.53	.84	1.00	1.00	34.6	10.1	2.83	.87	1.00	1.00	32.8	9.6	3.17	.90	1.00	1.00
67°F (19°C)	1200	565	39.5	11.6	2.28	.61	.76	.91	37.6	11.0	2.54	.62	.78	.93	35.4	10.4	2.84	.64	.80	.96	33.0	9.7	3.17	.65	.83	.99
	1205	570	39.5	11.6	2.28	.61	.76	.91	37.6	11.0	2.54	.63	.78	.93	35.4	10.4	2.84	.64	.80	.96	33.0	9.7	3.17	.65	.83	.99
	1380	650	40.5	11.9	2.29	.64	.80	.95	38.5	11.3	2.55	.65	.82	.98	36.2	10.6	2.85	.66	.84	1.00	33.8	9.9	3.19	.68	.87	1.00
71°F (22°C)	1200	565	41.5	12.2	2.30	.46	.60	.74	39.5	11.6	2.57	.46	.61	.76	37.4	11.0	2.87	.47	.63	.78	35.0	10.3	3.20	.48	.64	.81
	1205	570	41.5	12.2	2.30	.46	.60	.74	39.5	11.6	2.57	.46	.61	.76	37.4	11.0	2.87	.47	.63	.78	35.0	10.3	3.20	.48	.64	.81
	1380	650	42.5	12.5	2.32	.47	.62	.78	40.5	11.9	2.58	.47	.64	.80	38.0	11.1	2.88	.48	.65	.82	35.8	10.5	3.22	.49	.67	.85

HSXA19-036 - C33-36B with G61MPV-36B - CX34-36B-6F with G61MPV-36B - C33-42B with G61MPV-36B CX34-42B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.4	7.2	1.16	.72	.84	.95	23.4	6.9	1.36	.73	.85	.97	22.2	6.5	1.58	.74	.87	.99	21.0	6.2	1.84	.76	.89	1.00
	750	355	26.0	7.6	1.17	.76	.89	1.00	24.8	7.3	1.36	.77	.91	1.00	23.6	6.9	1.59	.78	.93	1.00	22.4	6.6	1.85	.80	.96	1.00
	830	390	26.6	7.8	1.18	.78	.92	1.00	25.6	7.5	1.37	.79	.94	1.00	24.4	7.2	1.59	.81	.96	1.00	23.0	6.7	1.85	.83	.99	1.00
67°F (19°C)	595	280	25.6	7.5	1.17	.58	.69	.80	24.6	7.2	1.36	.59	.70	.82	23.6	6.9	1.59	.60	.72	.83	22.2	6.5	1.85	.61	.73	.85
	750	355	27.4	8.0	1.18	.60	.73	.85	26.2	7.7	1.37	.61	.74	.87	25.0	7.3	1.59	.62	.76	.89	23.6	6.9	1.85	.63	.78	.92
	830	390	28.2	8.3	1.19	.62	.75	.88	27.0	7.9	1.38	.63	.77	.90	25.6	7.5	1.60	.64	.79	.93	24.2	7.1	1.85	.65	.81	.96
71°F (22°C)	595	280	26.8	7.9	1.18	.46	.57	.67	25.8	7.6	1.37	.46	.57	.68	24.6	7.2	1.59	.46	.58	.69	23.4	6.9	1.85	.46	.59	.71
	750	355	28.8	8.4	1.19	.46	.59	.70	27.6	8.1	1.38	.46	.60	.72	26.2	7.7	1.60	.47	.61	.73	24.8	7.3	1.86	.47	.62	.75
	830	390	29.6	8.7	1.20	.47	.60	.73	28.4	8.3	1.39	.48	.61	.74	27.0	7.9	1.61	.48	.62	.76	25.6	7.5	1.86	.49	.64	.78

HSXA19-036 - C33-36B with G61MPV-36B - CX34-36B-6F with G61MPV-36B - C33-42B with G61MPV-36B CX34-42B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	34.2	10.0	2.22	.75	.87	.99	32.6	9.6	2.48	.76	.89	1.00	30.8	9.0	2.78	.78	.92	1.00	29.0	8.5	3.11	.80	.95	1.00
	1185	560	35.8	10.5	2.23	.79	.93	1.00	34.0	10.0	2.50	.80	.95	1.00	32.2	9.4	2.80	.82	.98	1.00	30.2	8.9	3.13	.85	1.00	1.00
	1440	680	37.2	10.9	2.25	.84	.99	1.00	35.4	10.4	2.52	.86	1.00	1.00	33.6	9.8	2.82	.88	1.00	1.00	31.8	9.3	3.15	.91	1.00	1.00
67°F (19°C)	975	460	36.0	10.6	2.24	.60	.72	.84	34.2	10.0	2.50	.61	.74	.86	32.4	9.5	2.80	.62	.75	.89	30.6	9.0	3.14	.63	.77	.91
	1185	560	37.6	11.0	2.26	.63	.76	.90	35.8	10.5	2.52	.64	.78	.92	33.8	9.9	2.82	.65	.80	.95	31.8	9.3	3.16	.67	.83	.98
	1440	680	39.0	11.4	2.27	.66	.81	.96	37.0	10.8	2.54	.67	.83	.98	35.0	10.3	2.83	.69	.86	1.00	32.8	9.6	3.17	.70	.89	1.00
71°F (22°C)	975	460	37.6	11.0	2.25	.47	.59	.70	35.8	10.5	2.52	.47	.60	.71	34.0	10.0	2.82	.47	.61	.73	32.0	9.4	3.16	.48	.62	.75
	1185	560	39.5	11.6	2.28	.48	.61	.74	37.4	11.0	2.54	.48	.62	.76	35.4	10.4	2.84	.49	.64	.78	33.4	9.8	3.18	.50	.65	.80
	1440	680	41.0	12.0	2.29	.50	.65	.79	39.0	11.4	2.56	.50	.66	.81	36.8	10.8	2.86	.51	.67	.84	34.4	10.1	3.19	.52	.69	.87

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-48B with G61MPV-36B - CX34-44/48B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.8	7.3	1.17	.71	.82	.93	23.8	7.0	1.36	.72	.84	.95	22.6	6.6	1.58	.73	.86	.98	21.4	6.3	1.84	.75	.88	1.00
	750	355	26.4	7.7	1.17	.75	.88	.99	25.2	7.4	1.37	.76	.89	1.00	24.0	7.0	1.59	.78	.92	1.00	22.6	6.6	1.85	.79	.94	1.00
	830	390	27.2	8.0	1.18	.77	.91	1.00	26.0	7.6	1.37	.78	.93	1.00	24.6	7.2	1.59	.80	.95	1.00	23.2	6.8	1.85	.82	.98	1.00
67°F (19°C)	595	280	26.4	7.7	1.17	.58	.68	.79	25.2	7.4	1.37	.58	.69	.80	24.2	7.1	1.59	.59	.70	.82	22.8	6.7	1.85	.60	.72	.84
	750	355	28.2	8.3	1.19	.59	.72	.84	27.0	7.9	1.38	.60	.73	.86	25.6	7.5	1.60	.61	.75	.88	24.2	7.1	1.86	.62	.77	.91
	830	390	28.8	8.4	1.19	.61	.74	.87	27.6	8.1	1.38	.62	.76	.89	26.2	7.7	1.60	.63	.77	.91	24.8	7.3	1.86	.64	.79	.94
71°F (22°C)	595	280	28.0	8.2	1.18	.45	.56	.66	26.8	7.9	1.38	.45	.56	.67	25.6	7.5	1.60	.46	.57	.68	24.4	7.2	1.86	.46	.58	.69
	750	355	29.8	8.7	1.20	.46	.57	.69	28.6	8.4	1.39	.46	.58	.70	27.2	8.0	1.61	.46	.60	.72	25.8	7.6	1.87	.47	.61	.74
	830	390	30.8	9.0	1.20	.47	.59	.72	29.4	8.6	1.39	.47	.60	.73	28.0	8.2	1.61	.48	.61	.75	26.4	7.7	1.87	.48	.63	.77

HSXA19-036 - C33-48B with G61MPV-36B - CX34-44/48B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.0	10.3	2.23	.73	.86	.98	33.4	9.8	2.49	.75	.88	1.00	31.6	9.3	2.79	.77	.90	1.00	29.6	8.7	3.13	.79	.93	1.00
	1185	560	36.6	10.7	2.24	.78	.91	1.00	34.8	10.2	2.51	.79	.94	1.00	33.0	9.7	2.81	.81	.96	1.00	31.0	9.1	3.14	.83	.99	1.00
	1440	680	38.0	11.1	2.26	.82	.98	1.00	36.2	10.6	2.53	.84	1.00	1.00	34.4	10.1	2.83	.86	1.00	1.00	32.4	9.5	3.16	.90	1.00	1.00
67°F (19°C)	975	460	37.2	10.9	2.25	.59	.71	.83	35.4	10.4	2.52	.60	.72	.85	33.6	9.8	2.82	.61	.74	.87	31.4	9.2	3.15	.62	.76	.90
	1185	560	39.0	11.4	2.27	.62	.75	.88	36.8	10.8	2.53	.63	.77	.90	34.8	10.2	2.83	.64	.79	.93	32.6	9.6	3.16	.65	.81	.96
	1440	680	40.0	11.7	2.28	.65	.80	.94	38.0	11.1	2.55	.66	.82	.97	36.0	10.6	2.85	.67	.84	.99	33.8	9.9	3.18	.69	.87	1.00
71°F (22°C)	975	460	39.0	11.4	2.27	.46	.57	.69	37.4	11.0	2.54	.46	.58	.70	35.4	10.4	2.84	.47	.59	.71	33.2	9.7	3.18	.47	.61	.74
	1185	560	41.0	12.0	2.29	.47	.60	.73	39.0	11.4	2.56	.48	.61	.74	36.8	10.8	2.86	.48	.63	.76	34.6	10.1	3.20	.49	.64	.78
	1440	680	42.5	12.5	2.31	.49	.63	.77	40.5	11.9	2.58	.50	.65	.80	38.0	11.1	2.88	.50	.66	.82	35.6	10.4	3.21	.51	.68	.85

HSXA19-036 - C33-38B with G61MPV-36B - CX34-38B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	25.0	7.3	1.17	.71	.83	.94	24.0	7.0	1.36	.72	.84	.96	22.8	6.7	1.59	.74	.86	.98	21.6	6.3	1.84	.75	.89	1.00
	750	355	26.8	7.9	1.18	.75	.88	1.00	25.6	7.5	1.37	.77	.90	1.00	24.2	7.1	1.59	.78	.93	1.00	23.0	6.7	1.85	.80	.96	1.00
	830	390	27.4	8.0	1.18	.78	.92	1.00	26.2	7.7	1.37	.79	.94	1.00	25.0	7.3	1.59	.81	.96	1.00	23.6	6.9	1.85	.83	.99	1.00
67°F (19°C)	595	280	26.8	7.9	1.18	.58	.68	.79	25.6	7.5	1.37	.58	.70	.81	24.4	7.2	1.59	.59	.71	.83	23.2	6.8	1.85	.60	.73	.85
	750	355	28.4	8.3	1.19	.60	.72	.85	27.2	8.0	1.38	.61	.74	.87	25.8	7.6	1.60	.62	.76	.89	24.4	7.2	1.86	.63	.78	.92
	830	390	29.2	8.6	1.19	.61	.75	.88	28.0	8.2	1.38	.62	.77	.90	26.6	7.8	1.60	.63	.78	.93	25.0	7.3	1.86	.64	.80	.95
71°F (22°C)	595	280	28.4	8.3	1.19	.45	.56	.66	27.2	8.0	1.38	.46	.56	.67	26.0	7.6	1.60	.46	.57	.68	24.6	7.2	1.86	.46	.58	.69
	750	355	30.2	8.9	1.20	.45	.58	.69	29.0	8.5	1.39	.46	.59	.71	27.4	8.0	1.61	.46	.60	.73	26.0	7.6	1.87	.47	.61	.75
	830	390	31.0	9.1	1.20	.47	.60	.72	29.6	8.7	1.39	.47	.61	.74	28.2	8.3	1.61	.48	.62	.76	26.6	7.8	1.87	.48	.63	.78

HSXA19-036 - C33-38B with G61MPV-36B - CX34-38B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.4	10.4	2.23	.74	.87	.99	33.6	9.8	2.50	.76	.89	1.00	31.8	9.3	2.79	.78	.92	1.00	30.0	8.8	3.13	.80	.95	1.00
	1185	560	37.0	10.8	2.25	.79	.93	1.00	35.2	10.3	2.52	.80	.96	1.00	33.2	9.7	2.81	.82	.98	1.00	31.2	9.1	3.15	.85	1.00	1.00
	1440	680	38.5	11.3	2.27	.84	.99	1.00	36.6	10.7	2.53	.86	1.00	1.00	34.8	10.2	2.83	.88	1.00	1.00	33.0	9.7	3.17	.92	1.00	1.00
67°F (19°C)	975	460	37.6	11.0	2.26	.59	.72	.84	35.6	10.4	2.52	.60	.73	.86	33.8	9.9	2.82	.61	.75	.88	31.8	9.3	3.15	.63	.77	.91
	1185	560	39.0	11.4	2.27	.62	.76	.90	37.2	10.9	2.54	.63	.78	.92	35.2	10.3	2.84	.65	.80	.95	32.8	9.6	3.17	.66	.83	.98
	1440	680	40.5	11.9	2.29	.66	.82	.97	38.5	11.3	2.55	.67	.83	.99	36.2	10.6	2.85	.68	.86	1.00	34.0	10.0	3.19	.71	.90	1.00
71°F (22°C)	975	460	39.5	11.6	2.28	.46	.58	.70	37.6	11.0	2.54	.46	.59	.71	35.6	10.4	2.84	.47	.60	.73	33.6	9.8	3.18	.47	.61	.75
	1185	560	41.5	12.2	2.30	.47	.61	.74	39.0	11.4	2.56	.48	.62	.76	37.0	10.8	2.86	.49	.63	.78	34.8	10.2	3.20	.49	.65	.80
	1440	680	43.0	12.6	2.32	.49	.64	.79	40.5	11.9	2.58	.50	.65	.81	38.5	11.3	2.88	.50	.67	.84	35.8	10.5	3.22	.51	.70	.87

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-50/60C with G61MPV-36C-090 - CX34-50/60C-6F with G61MPV-36C-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	26.0	7.6	1.17	.73	.86	.98	25.0	7.3	1.37	.75	.88	1.00	23.8	7.0	1.59	.76	.90	1.00	22.4	6.6	1.85	.78	.93	1.00
	855	405	27.4	8.0	1.18	.77	.91	1.00	26.2	7.7	1.37	.79	.94	1.00	25.0	7.3	1.59	.81	.96	1.00	23.6	6.9	1.85	.83	.99	1.00
	935	440	28.2	8.3	1.19	.80	.95	1.00	27.0	7.9	1.38	.81	.97	1.00	25.6	7.5	1.60	.83	.99	1.00	24.2	7.1	1.86	.86	1.00	1.00
67°F (19°C)	700	330	28.0	8.2	1.18	.59	.71	.83	26.8	7.9	1.38	.60	.72	.84	25.4	7.4	1.60	.61	.74	.86	24.0	7.0	1.86	.62	.76	.89
	855	405	29.2	8.6	1.19	.61	.75	.88	28.0	8.2	1.38	.62	.76	.90	26.6	7.8	1.60	.63	.78	.93	25.0	7.3	1.86	.64	.80	.95
	935	440	29.8	8.7	1.20	.63	.77	.91	28.6	8.4	1.39	.64	.78	.93	27.2	8.0	1.61	.64	.81	.96	25.6	7.5	1.86	.65	.83	.99
71°F (22°C)	700	330	29.6	8.7	1.20	.46	.57	.69	28.4	8.3	1.39	.46	.58	.69	27.0	7.9	1.61	.46	.59	.71	25.6	7.5	1.86	.47	.60	.73
	855	405	31.2	9.1	1.21	.46	.60	.72	29.8	8.7	1.40	.47	.60	.74	28.2	8.3	1.61	.47	.62	.75	26.6	7.8	1.87	.48	.62	.77
	935	440	31.8	9.3	1.21	.47	.61	.74	30.4	8.9	1.40	.48	.62	.76	28.8	8.4	1.62	.48	.63	.78	27.2	8.0	1.87	.49	.65	.80

HSXA19-036 - C33-50/60C with G61MPV-36C-090 - CX34-50/60C-6F with G61MPV-36C-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1020	480	35.8	10.5	2.24	.74	.87	.99	34.0	10.0	2.50	.76	.90	1.00	32.2	9.4	2.80	.78	.92	1.00	30.2	8.9	3.13	.80	.95	1.00
	1230	580	37.4	11.0	2.25	.79	.93	1.00	35.4	10.4	2.52	.80	.96	1.00	33.6	9.8	2.81	.82	.98	1.00	31.4	9.2	3.15	.85	1.00	1.00
	1485	700	39.0	11.4	2.27	.83	.99	1.00	36.8	10.8	2.53	.85	1.00	1.00	35.0	10.3	2.84	.88	1.00	1.00	33.2	9.7	3.18	.91	1.00	1.00
67°F (19°C)	1020	480	38.0	11.1	2.26	.60	.72	.84	36.0	10.6	2.53	.60	.74	.86	34.2	10.0	2.82	.62	.75	.89	32.0	9.4	3.16	.63	.78	.92
	1230	580	39.5	11.6	2.28	.63	.76	.90	37.4	11.0	2.54	.63	.78	.92	35.2	10.3	2.84	.64	.79	.95	33.0	9.7	3.17	.66	.82	.98
	1485	700	41.0	12.0	2.29	.65	.81	.96	39.0	11.4	2.56	.67	.83	.99	36.6	10.7	2.86	.68	.86	1.00	34.2	10.0	3.19	.71	.89	1.00
71°F (22°C)	1020	480	40.0	11.7	2.28	.46	.58	.70	38.0	11.1	2.55	.46	.59	.71	36.0	10.6	2.85	.47	.60	.73	33.8	9.9	3.19	.48	.62	.75
	1230	580	41.5	12.2	2.30	.47	.61	.74	39.5	11.6	2.57	.48	.62	.76	37.4	11.0	2.87	.49	.63	.78	35.0	10.3	3.20	.49	.65	.80
	1485	700	43.0	12.6	2.32	.49	.63	.79	41.0	12.0	2.58	.50	.65	.81	38.5	11.3	2.88	.50	.67	.83	36.0	10.6	3.22	.51	.69	.87

HSXA19-036 - C33-36A/B with G60UHV-36A/B - CX34-36A/B-6F with G60UHV-36A/B - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	25.8	7.6	1.17	.75	.88	1.00	24.6	7.2	1.36	.76	.90	1.00	23.4	6.9	1.59	.78	.92	1.00	22.2	6.5	1.84	.80	.95	1.00
	845	400	26.8	7.9	1.18	.78	.93	1.00	25.6	7.5	1.37	.80	.95	1.00	24.4	7.2	1.59	.81	.97	1.00	23.2	6.8	1.85	.84	.99	1.00
	975	460	27.6	8.1	1.18	.81	.97	1.00	26.6	7.8	1.38	.83	.99	1.00	25.2	7.4	1.59	.85	1.00	1.00	24.0	7.0	1.85	.88	1.00	1.00
67°F (19°C)	720	340	27.2	8.0	1.18	.60	.73	.85	26.0	7.6	1.37	.61	.74	.86	24.8	7.3	1.59	.62	.75	.88	23.4	6.9	1.85	.63	.77	.91
	845	400	28.2	8.3	1.19	.62	.76	.89	27.0	7.9	1.38	.63	.77	.91	25.8	7.6	1.60	.64	.79	.94	24.4	7.2	1.86	.65	.81	.96
	975	460	29.2	8.6	1.19	.64	.79	.93	28.0	8.2	1.38	.65	.80	.95	26.6	7.8	1.60	.66	.82	.98	25.0	7.3	1.86	.68	.85	1.00
71°F (22°C)	720	340	28.4	8.3	1.19	.47	.59	.70	27.2	8.0	1.38	.47	.59	.71	26.0	7.6	1.60	.47	.60	.73	24.6	7.2	1.86	.48	.61	.75
	845	400	29.6	8.7	1.20	.47	.61	.73	28.4	8.3	1.39	.47	.61	.75	27.0	7.9	1.61	.48	.63	.76	25.6	7.5	1.86	.49	.64	.79
	975	460	30.6	9.0	1.20	.48	.62	.76	29.4	8.6	1.39	.49	.64	.78	28.0	8.2	1.61	.49	.65	.80	26.4	7.7	1.87	.50	.66	.82

HSXA19-036 - C33-36A/B with G60UHV-36A/B - CX34-36A/B-6F with G60UHV-36A/B - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	34.8	10.2	2.22	.76	.89	1.00	33.0	9.7	2.49	.77	.92	1.00	31.4	9.2	2.79	.79	.94	1.00	29.4	8.6	3.12	.82	.97	1.00
	1210	570	35.8	10.5	2.24	.79	.93	1.00	34.0	10.0	2.50	.81	.96	1.00	32.4	9.5	2.80	.83	.98	1.00	30.4	8.9	3.14	.85	1.00	1.00
	1220	575	36.0	10.6	2.24	.79	.94	1.00	34.2	10.0	2.50	.81	.96	1.00	32.4	9.5	2.80	.83	.99	1.00	30.4	8.9	3.14	.86	1.00	1.00
67°F (19°C)	1050	495	36.6	10.7	2.24	.61	.74	.86	34.8	10.2	2.51	.62	.75	.88	33.0	9.7	2.81	.63	.77	.91	31.0	9.1	3.15	.64	.79	.94
	1210	570	37.6	11.0	2.26	.63	.77	.90	35.8	10.5	2.52	.64	.78	.93	34.0	10.0	2.82	.65	.80	.95	31.8	9.3	3.16	.66	.83	.98
	1220	575	37.8	11.1	2.26	.63	.77	.91	36.0	10.6	2.52	.64	.79	.93	34.0	10.0	2.82	.65	.81	.96	31.8	9.3	3.16	.67	.83	.99
71°F (22°C)	1050	495	38.0	11.1	2.26	.47	.59	.71	36.4	10.7	2.53	.47	.60	.73	34.4	10.1	2.83	.48	.62	.75	32.4	9.5	3.17	.48	.63	.77
	1210	570	39.5	11.6	2.28	.48	.61	.74	37.6	11.0	2.54	.48	.62	.76	35.6	10.4	2.84	.49	.64	.78	33.4	9.8	3.18	.50	.65	.81
	1220	575	39.5	11.6	2.28	.48	.62	.75	37.6	11.0	2.54	.49	.63	.77	35.6	10.4	2.84	.49	.64	.79	33.4	9.8	3.18	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-48B with G60UHV-36B-090 - CX34-44/48B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.2	7.7	1.17	.74	.87	.99	25.0	7.3	1.37	.75	.89	1.00	23.8	7.0	1.59	.77	.91	1.00	22.4	6.6	1.85	.79	.93	1.00
	845	400	27.2	8.0	1.18	.77	.91	1.00	26.0	7.6	1.37	.79	.93	1.00	24.8	7.3	1.59	.80	.96	1.00	23.4	6.9	1.85	.83	.98	1.00
	975	460	28.2	8.3	1.19	.80	.95	1.00	26.8	7.9	1.38	.82	.98	1.00	25.6	7.5	1.60	.83	1.00	1.00	24.2	7.1	1.86	.86	1.00	1.00
67°F (19°C)	720	340	27.8	8.1	1.18	.59	.71	.83	26.6	7.8	1.38	.60	.73	.85	25.4	7.4	1.60	.61	.74	.87	24.0	7.0	1.86	.62	.76	.90
	845	400	29.0	8.5	1.19	.61	.74	.87	27.8	8.1	1.38	.62	.76	.89	26.4	7.7	1.60	.63	.78	.92	24.8	7.3	1.86	.64	.80	.95
	975	460	29.8	8.7	1.20	.63	.77	.92	28.6	8.4	1.39	.64	.79	.94	27.0	7.9	1.60	.65	.81	.96	25.6	7.5	1.86	.66	.84	.99
71°F (22°C)	720	340	29.6	8.7	1.19	.46	.57	.68	28.4	8.3	1.39	.46	.58	.70	27.0	7.9	1.61	.47	.59	.71	25.6	7.5	1.86	.47	.60	.73
	845	400	30.8	9.0	1.20	.47	.59	.72	29.6	8.7	1.39	.47	.61	.73	28.0	8.2	1.61	.48	.62	.75	26.4	7.7	1.87	.48	.63	.77
	975	460	31.8	9.3	1.21	.48	.61	.75	30.4	8.9	1.40	.48	.62	.76	28.8	8.4	1.61	.48	.63	.78	27.2	8.0	1.87	.49	.65	.80

HSXA19-036 - C33-48B with G60UHV-36B-090 - CX34-44/48B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	35.8	10.5	2.24	.75	.88	.99	34.0	10.0	2.50	.76	.90	1.00	32.2	9.4	2.79	.78	.92	1.00	30.2	8.9	3.13	.80	.95	1.00
	1210	570	36.8	10.8	2.25	.78	.92	1.00	35.0	10.3	2.51	.79	.94	1.00	33.0	9.7	2.81	.81	.97	1.00	31.0	9.1	3.14	.84	.99	1.00
	1220	575	36.8	10.8	2.25	.78	.92	1.00	35.0	10.3	2.51	.80	.95	1.00	33.2	9.7	2.81	.82	.97	1.00	31.0	9.1	3.14	.84	1.00	1.00
67°F (19°C)	1050	495	37.8	11.1	2.26	.60	.72	.84	36.0	10.6	2.52	.60	.74	.86	34.0	10.0	2.82	.62	.76	.89	31.8	9.3	3.16	.63	.78	.92
	1210	570	39.0	11.4	2.27	.62	.75	.88	37.0	10.8	2.53	.63	.77	.91	34.8	10.2	2.83	.64	.79	.94	32.6	9.6	3.17	.65	.81	.97
	1220	575	39.0	11.4	2.27	.62	.76	.89	37.0	10.8	2.54	.63	.77	.91	35.0	10.3	2.83	.64	.79	.94	32.8	9.6	3.17	.65	.82	.97
71°F (22°C)	1050	495	40.0	11.7	2.28	.46	.58	.70	38.0	11.1	2.55	.46	.59	.71	36.0	10.6	2.85	.47	.60	.73	33.8	9.9	3.19	.48	.62	.75
	1210	570	41.0	12.0	2.29	.47	.60	.73	39.0	11.4	2.56	.48	.61	.75	37.0	10.8	2.86	.48	.63	.77	34.6	10.1	3.20	.49	.64	.79
	1220	575	41.0	12.0	2.30	.47	.60	.73	39.0	11.4	2.56	.48	.62	.75	37.0	10.8	2.86	.49	.63	.77	34.6	10.1	3.20	.49	.64	.79

HSXA19-036 - C33-38A/B with G60UHV-36A/B - CX34-38A/B-6F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.4	7.7	1.17	.75	.88	1.00	25.4	7.4	1.37	.76	.90	1.00	24.0	7.0	1.59	.78	.92	1.00	22.8	6.7	1.85	.80	.95	1.00
	845	400	27.6	8.1	1.18	.78	.92	1.00	26.4	7.7	1.38	.80	.95	1.00	25.0	7.3	1.59	.81	.97	1.00	23.6	6.9	1.85	.83	.99	1.00
	975	460	28.4	8.3	1.19	.81	.97	1.00	27.2	8.0	1.38	.83	.99	1.00	25.8	7.6	1.60	.85	1.00	1.00	24.6	7.2	1.86	.88	1.00	1.00
67°F (19°C)	720	340	28.2	8.3	1.18	.59	.72	.84	27.0	7.9	1.38	.60	.73	.86	25.6	7.5	1.60	.61	.75	.88	24.2	7.1	1.86	.62	.77	.91
	845	400	29.4	8.6	1.19	.61	.75	.89	28.0	8.2	1.38	.63	.77	.91	26.6	7.8	1.60	.64	.79	.93	25.0	7.3	1.86	.65	.81	.96
	975	460	30.2	8.9	1.20	.63	.79	.93	28.8	8.4	1.39	.64	.80	.95	27.4	8.0	1.61	.65	.82	.98	25.8	7.6	1.87	.67	.85	1.00
71°F (22°C)	720	340	30.0	8.8	1.20	.46	.58	.69	28.6	8.4	1.39	.46	.58	.70	27.2	8.0	1.61	.47	.60	.72	25.8	7.6	1.87	.47	.61	.74
	845	400	31.2	9.1	1.20	.47	.60	.73	29.8	8.7	1.40	.47	.61	.74	28.2	8.3	1.62	.48	.62	.76	26.8	7.9	1.87	.48	.63	.78
	975	460	32.0	9.4	1.21	.48	.62	.76	30.6	9.0	1.40	.48	.63	.78	29.0	8.5	1.62	.49	.64	.80	27.4	8.0	1.88	.49	.65	.82

HSXA19-036 - C33-38A/B with G60UHV-36A/B - CX34-38A/B-6F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	36.0	10.6	2.24	.75	.89	1.00	34.2	10.0	2.50	.77	.91	1.00	32.4	9.5	2.80	.79	.94	1.00	30.4	8.9	3.14	.81	.97	1.00
	1210	570	37.0	10.8	2.25	.79	.94	1.00	35.4	10.4	2.52	.81	.96	1.00	33.4	9.8	2.81	.83	.99	1.00	31.2	9.1	3.15	.85	1.00	1.00
	1220	575	37.2	10.9	2.25	.79	.94	1.00	35.4	10.4	2.52	.81	.96	1.00	33.4	9.8	2.81	.83	.99	1.00	31.4	9.2	3.15	.86	1.00	1.00
67°F (19°C)	1050	495	38.0	11.1	2.26	.60	.73	.86	36.2	10.6	2.53	.61	.75	.88	34.4	10.1	2.83	.62	.77	.91	32.2	9.4	3.16	.64	.79	.94
	1210	570	39.0	11.4	2.27	.62	.77	.90	37.2	10.9	2.54	.63	.78	.93	35.2	10.3	2.84	.65	.80	.95	33.0	9.7	3.17	.66	.83	.99
	1220	575	39.5	11.6	2.27	.63	.77	.91	37.4	11.0	2.54	.64	.79	.93	35.2	10.3	2.84	.65	.81	.96	33.0	9.7	3.17	.67	.84	.99
71°F (22°C)	1050	495	40.0	11.7	2.29	.46	.59	.71	38.0	11.1	2.55	.47	.59	.72	36.2	10.6	2.85	.47	.61	.74	34.0	10.0	3.19	.48	.62	.77
	1210	570	41.5	12.2	2.30	.47	.61	.74	39.5	11.6	2.57	.48	.62	.76	37.2	10.9	2.86	.48	.63	.78	34.8	10.2	3.20	.49	.65	.81
	1220	575	41.5	12.2	2.30	.48	.61	.75	39.5	11.6	2.57	.48	.62	.76	37.2	10.9	2.87	.49	.64	.79	34.8	10.2	3.20	.50	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	855	405	27.6	8.1	1.18	.77	.92	1.00	26.4	7.7	1.37	.79	.94	1.00	25.0	7.3	1.60	.81	.96	1.00	23.6	6.9	1.85	.83	.99	1.00
	955	450	28.2	8.3	1.19	.80	.95	1.00	27.0	7.9	1.38	.82	.97	1.00	25.6	7.5	1.60	.83	1.00	1.00	24.4	7.2	1.86	.86	1.00	1.00
	1140	540	29.4	8.6	1.19	.84	1.00	1.00	28.2	8.3	1.39	.87	1.00	1.00	27.0	7.9	1.61	.89	1.00	1.00	25.6	7.5	1.87	.92	1.00	1.00
67°F (19°C)	855	405	29.2	8.6	1.19	.61	.75	.88	28.0	8.2	1.38	.62	.76	.90	26.6	7.8	1.60	.63	.78	.93	25.0	7.3	1.86	.64	.81	.96
	955	450	30.0	8.8	1.20	.63	.77	.92	28.6	8.4	1.39	.64	.79	.94	27.2	8.0	1.61	.65	.81	.96	25.6	7.5	1.86	.67	.84	.99
	1140	540	31.2	9.1	1.20	.65	.82	.97	29.8	8.7	1.40	.67	.84	1.00	28.2	8.3	1.61	.69	.86	1.00	26.6	7.8	1.87	.70	.89	1.00
71°F (22°C)	855	405	31.2	9.1	1.21	.47	.60	.72	29.8	8.7	1.40	.47	.61	.74	28.2	8.3	1.61	.48	.62	.75	26.8	7.9	1.87	.48	.63	.77
	955	450	32.0	9.4	1.21	.48	.61	.75	30.4	8.9	1.40	.48	.62	.77	29.0	8.5	1.62	.48	.63	.78	27.2	8.0	1.87	.49	.65	.80
	1140	540	33.0	9.7	1.22	.49	.64	.79	31.4	9.2	1.41	.49	.65	.81	29.8	8.7	1.62	.49	.67	.84	28.2	8.3	1.88	.51	.69	.86

HSXA19-036 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1220	575	37.2	10.9	2.25	.78	.93	1.00	35.4	10.4	2.52	.80	.95	1.00	33.4	9.8	2.81	.82	.98	1.00	31.4	9.2	3.15	.85	1.00	1.00
	1335	630	38.0	11.1	2.26	.80	.96	1.00	36.0	10.6	2.53	.82	.98	1.00	34.0	10.0	2.82	.84	1.00	1.00	32.2	9.4	3.16	.87	1.00	1.00
	1630	770	39.5	11.6	2.28	.85	1.00	1.00	37.6	11.0	2.54	.88	1.00	1.00	35.8	10.5	2.85	.90	1.00	1.00	33.8	9.9	3.18	.94	1.00	1.00
67°F (19°C)	1220	575	39.5	11.6	2.28	.63	.76	.90	37.4	11.0	2.54	.63	.78	.92	35.2	10.3	2.84	.64	.79	.95	33.0	9.7	3.17	.66	.82	.98
	1335	630	40.0	11.7	2.28	.63	.78	.93	38.0	11.1	2.55	.64	.80	.95	35.8	10.5	2.85	.66	.82	.98	33.6	9.8	3.18	.67	.85	1.00
	1630	770	41.5	12.2	2.30	.67	.83	.99	39.5	11.6	2.56	.68	.86	1.00	37.0	10.8	2.86	.70	.88	1.00	34.6	10.1	3.20	.72	.92	1.00
71°F (22°C)	1220	575	41.5	12.2	2.30	.47	.61	.74	39.5	11.6	2.57	.48	.62	.76	37.4	11.0	2.86	.49	.63	.77	35.0	10.3	3.20	.49	.65	.80
	1335	630	42.0	12.3	2.31	.48	.62	.76	40.0	11.7	2.57	.49	.63	.78	37.8	11.1	2.87	.49	.64	.80	35.4	10.4	3.21	.50	.66	.83
	1630	770	43.5	12.7	2.33	.50	.65	.81	41.5	12.2	2.59	.50	.67	.83	39.0	11.4	2.89	.50	.69	.86	36.4	10.7	3.23	.52	.71	.90

HSXA19-036 - CR26-48N with G60DFV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	795	375	26.2	7.7	1.17	.76	.89	1.00	25.0	7.3	1.37	.77	.91	1.00	23.8	7.0	1.59	.79	.93	1.00	22.4	6.6	1.85	.81	.96	1.00
	845	400	26.6	7.8	1.18	.77	.91	1.00	25.4	7.4	1.37	.78	.93	1.00	24.2	7.1	1.59	.80	.95	1.00	22.8	6.7	1.84	.82	.98	1.00
	940	445	27.2	8.0	1.18	.79	.94	1.00	26.0	7.6	1.37	.80	.96	1.00	24.8	7.3	1.59	.83	.98	1.00	23.4	6.9	1.85	.85	1.00	1.00
67°F (19°C)	795	375	28.0	8.2	1.18	.61	.73	.85	26.8	7.9	1.38	.61	.74	.87	25.4	7.4	1.60	.62	.76	.90	24.0	7.0	1.86	.63	.78	.92
	845	400	28.4	8.3	1.19	.61	.74	.87	27.2	8.0	1.38	.62	.76	.89	25.8	7.6	1.60	.63	.77	.91	24.4	7.2	1.86	.64	.79	.94
	940	445	29.0	8.5	1.19	.63	.77	.90	27.8	8.1	1.38	.64	.78	.92	26.4	7.7	1.60	.65	.80	.95	24.8	7.3	1.86	.66	.82	.98
71°F (22°C)	795	375	29.8	8.7	1.20	.46	.59	.71	28.4	8.3	1.39	.46	.60	.72	27.0	7.9	1.61	.47	.61	.73	25.6	7.5	1.86	.47	.62	.75
	845	400	30.2	8.9	1.20	.46	.60	.72	28.8	8.4	1.39	.47	.61	.73	27.4	8.0	1.61	.47	.62	.75	26.0	7.6	1.87	.48	.63	.77
	940	445	30.8	9.0	1.20	.47	.61	.74	29.4	8.6	1.39	.48	.62	.75	28.0	8.2	1.61	.48	.63	.77	26.4	7.7	1.87	.49	.65	.80

HSXA19-036 - CR26-48N with G60DFV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1110	525	35.2	10.3	2.23	.76	.89	1.00	33.6	9.8	2.50	.77	.91	1.00	31.6	9.3	2.79	.79	.94	1.00	29.8	8.7	3.13	.81	.97	1.00
	1210	570	36.0	10.6	2.24	.78	.92	1.00	34.2	10.0	2.50	.79	.94	1.00	32.2	9.4	2.80	.81	.97	1.00	30.2	8.9	3.13	.84	.99	1.00
	1335	630	36.6	10.7	2.24	.80	.95	1.00	34.8	10.2	2.51	.81	.97	1.00	32.8	9.6	2.80	.84	.99	1.00	31.0	9.1	3.15	.86	1.00	1.00
67°F (19°C)	1110	525	37.4	11.0	2.25	.61	.73	.86	35.6	10.4	2.52	.62	.75	.88	33.6	9.8	2.82	.63	.77	.90	31.6	9.3	3.15	.64	.79	.93
	1210	570	38.0	11.1	2.26	.62	.75	.89	36.2	10.6	2.53	.63	.77	.91	34.2	10.0	2.82	.64	.79	.93	32.0	9.4	3.16	.66	.81	.97
	1335	630	38.5	11.3	2.27	.63	.77	.91	36.8	10.8	2.53	.64	.79	.94	34.8	10.2	2.83	.65	.81	.97	32.6	9.6	3.16	.67	.84	.99
71°F (22°C)	1110	525	39.5	11.6	2.28	.46	.59	.71	37.6	11.0	2.54	.46	.60	.73	35.6	10.4	2.84	.47	.61	.74	33.4	9.8	3.18	.48	.63	.76
	1210	570	40.0	11.7	2.29	.47	.61	.73	38.5	11.3	2.55	.47	.62	.75	36.2	10.6	2.85	.48	.63	.77	33.8	9.9	3.18	.49	.64	.79
	1335	630	41.0	12.0	2.29	.47	.62	.75	39.0	11.4	2.56	.48	.63	.77	36.8	10.8	2.86	.49	.64	.79	34.4	10.1	3.19	.50	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CR26-36W with G60DFV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	765	360	26.4	7.7	1.17	.76	.89	1.00	25.4	7.4	1.37	.77	.91	1.00	24.0	7.0	1.59	.79	.94	1.00	22.8	6.7	1.85	.81	.96	1.00
	845	400	27.2	8.0	1.18	.78	.93	1.00	26.0	7.6	1.37	.79	.94	1.00	24.8	7.3	1.59	.81	.97	1.00	23.2	6.8	1.85	.84	.99	1.00
	935	440	27.8	8.1	1.18	.80	.95	1.00	26.6	7.8	1.37	.82	.98	1.00	25.2	7.4	1.60	.84	.99	1.00	23.8	7.0	1.86	.87	1.00	1.00
67°F (19°C)	765	360	28.2	8.3	1.19	.60	.73	.86	27.0	7.9	1.38	.61	.74	.88	25.6	7.5	1.60	.62	.76	.90	24.2	7.1	1.86	.63	.78	.93
	845	400	28.8	8.4	1.19	.61	.75	.89	27.6	8.1	1.38	.62	.77	.91	26.2	7.7	1.60	.64	.79	.93	24.6	7.2	1.86	.65	.81	.96
	935	440	29.4	8.6	1.19	.63	.78	.92	28.0	8.2	1.38	.64	.79	.94	26.6	7.8	1.61	.65	.81	.96	25.2	7.4	1.86	.67	.84	.99
71°F (22°C)	765	360	29.8	8.7	1.20	.46	.58	.70	28.6	8.4	1.39	.46	.59	.72	27.2	8.0	1.61	.47	.60	.73	25.6	7.5	1.86	.48	.62	.76
	845	400	30.6	9.0	1.20	.47	.60	.73	29.2	8.6	1.39	.47	.61	.74	27.8	8.1	1.61	.48	.62	.76	26.2	7.7	1.87	.48	.64	.78
	935	440	31.2	9.1	1.20	.48	.61	.75	29.8	8.7	1.40	.48	.63	.77	28.2	8.3	1.61	.48	.64	.79	26.8	7.9	1.87	.49	.65	.81

HSXA19-036 - CR26-36W with G60DFV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1095	515	35.4	10.4	2.23	.76	.90	1.00	33.8	9.9	2.50	.78	.93	1.00	32.0	9.4	2.79	.80	.95	1.00	30.0	8.8	3.13	.82	.98	1.00
	1210	570	36.2	10.6	2.24	.79	.94	1.00	34.6	10.1	2.51	.81	.96	1.00	32.6	9.6	2.80	.83	.98	1.00	30.6	9.0	3.14	.86	1.00	1.00
	1315	620	36.8	10.8	2.25	.81	.96	1.00	35.2	10.3	2.51	.83	.98	1.00	33.2	9.7	2.81	.85	1.00	1.00	31.2	9.1	3.15	.88	1.00	1.00
67°F (19°C)	1095	515	37.4	11.0	2.25	.61	.74	.87	35.6	10.4	2.52	.62	.76	.89	33.6	9.8	2.82	.63	.78	.92	31.6	9.3	3.15	.64	.80	.95
	1210	570	38.5	11.3	2.26	.62	.77	.90	36.4	10.7	2.53	.64	.78	.93	34.4	10.1	2.82	.65	.81	.95	32.2	9.4	3.16	.67	.83	.98
	1315	620	39.0	11.4	2.27	.64	.79	.93	36.8	10.8	2.53	.65	.81	.95	34.8	10.2	2.83	.66	.83	.98	32.6	9.6	3.16	.68	.86	1.00
71°F (22°C)	1095	515	39.5	11.6	2.28	.46	.59	.72	37.6	11.0	2.54	.47	.60	.73	35.6	10.4	2.84	.47	.61	.75	33.4	9.8	3.18	.48	.63	.78
	1210	570	40.5	11.9	2.29	.47	.61	.74	38.5	11.3	2.55	.48	.62	.76	36.2	10.6	2.85	.48	.64	.78	34.0	10.0	3.19	.49	.65	.81
	1315	620	41.0	12.0	2.29	.48	.62	.77	39.0	11.4	2.56	.49	.64	.79	36.8	10.8	2.86	.49	.65	.81	34.4	10.1	3.19	.50	.67	.84

HSXA19-036 - CH33-36B-2F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.2	7.1	1.16	.71	.82	.93	23.2	6.8	1.35	.72	.83	.95	22.2	6.5	1.58	.73	.85	.97	21.0	6.2	1.84	.74	.88	1.00
	750	355	25.8	7.6	1.17	.74	.87	.99	24.6	7.2	1.36	.75	.89	1.00	23.4	6.9	1.59	.77	.92	1.00	22.2	6.5	1.84	.79	.94	1.00
	830	390	26.4	7.7	1.17	.76	.90	1.00	25.2	7.4	1.37	.78	.93	1.00	24.0	7.0	1.59	.80	.95	1.00	22.8	6.7	1.85	.82	.98	1.00
67°F (19°C)	595	280	26.0	7.6	1.17	.57	.68	.79	24.8	7.3	1.36	.58	.69	.80	23.6	6.9	1.59	.59	.70	.82	22.4	6.6	1.84	.59	.72	.84
	750	355	27.4	8.0	1.18	.59	.72	.84	26.2	7.7	1.37	.60	.73	.86	25.0	7.3	1.59	.61	.74	.88	23.6	6.9	1.86	.62	.76	.90
	830	390	28.2	8.3	1.19	.60	.74	.87	27.0	7.9	1.38	.62	.75	.89	25.6	7.5	1.60	.63	.77	.91	24.2	7.1	1.86	.64	.79	.94
71°F (22°C)	595	280	27.4	8.0	1.18	.45	.56	.65	26.4	7.7	1.37	.45	.56	.67	25.2	7.4	1.59	.46	.57	.68	23.8	7.0	1.85	.46	.58	.69
	750	355	29.2	8.6	1.19	.46	.58	.69	28.0	8.2	1.38	.46	.58	.70	26.6	7.8	1.60	.46	.59	.71	25.2	7.4	1.86	.47	.60	.74
	830	390	30.0	8.8	1.20	.47	.59	.71	28.6	8.4	1.39	.47	.60	.72	27.2	8.0	1.61	.47	.61	.74	25.8	7.6	1.87	.48	.62	.76

HSXA19-036 - CH33-36B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	34.0	10.0	2.22	.73	.86	.98	32.4	9.5	2.48	.75	.88	1.00	30.6	9.0	2.77	.76	.90	1.00	28.6	8.4	3.11	.78	.93	1.00
	1185	560	35.4	10.4	2.23	.77	.91	1.00	33.6	9.8	2.50	.79	.93	1.00	31.8	9.3	2.79	.81	.96	1.00	29.8	8.7	3.13	.83	.99	1.00
	1440	680	36.8	10.8	2.25	.82	.97	1.00	35.0	10.3	2.51	.84	.99	1.00	33.0	9.7	2.81	.86	1.00	1.00	31.2	9.1	3.14	.89	1.00	1.00
67°F (19°C)	975	460	36.0	10.6	2.24	.59	.71	.82	34.2	10.0	2.50	.60	.72	.84	32.4	9.5	2.80	.61	.74	.87	30.4	8.9	3.14	.62	.76	.89
	1185	560	37.4	11.0	2.25	.61	.75	.88	35.6	10.4	2.52	.62	.76	.90	33.8	9.9	2.82	.64	.78	.93	31.6	9.3	3.15	.65	.81	.96
	1440	680	39.0	11.4	2.27	.64	.79	.94	37.0	10.8	2.54	.66	.82	.97	34.8	10.2	2.83	.67	.84	.99	32.6	9.6	3.17	.69	.87	1.00
71°F (22°C)	975	460	38.0	11.1	2.26	.46	.58	.69	36.2	10.6	2.53	.46	.58	.70	34.2	10.0	2.82	.47	.59	.71	32.2	9.4	3.16	.47	.61	.73
	1185	560	39.5	11.6	2.28	.48	.60	.73	37.6	11.0	2.54	.48	.61	.74	35.6	10.4	2.84	.48	.62	.76	33.4	9.8	3.18	.49	.64	.79
	1440	680	41.0	12.0	2.29	.49	.63	.77	39.0	11.4	2.56	.49	.64	.79	36.8	10.8	2.86	.50	.66	.82	34.6	10.1	3.20	.51	.68	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CH33-42B-2F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.8	7.3	1.13	.70	.82	.93	23.8	7.0	1.32	.71	.83	.95	22.6	6.6	1.53	.72	.85	.98	21.4	6.3	1.78	.74	.88	1.00
	750	355	26.4	7.7	1.14	.74	.87	1.00	25.2	7.4	1.33	.75	.89	1.00	24.0	7.0	1.54	.77	.92	1.00	22.6	6.6	1.78	.79	.95	1.00
	830	390	27.0	7.9	1.14	.76	.90	1.00	25.8	7.6	1.33	.78	.92	1.00	24.6	7.2	1.54	.79	.95	1.00	23.2	6.8	1.79	.82	.98	1.00
67°F (19°C)	595	280	26.4	7.7	1.14	.56	.67	.78	25.4	7.4	1.33	.57	.68	.80	24.2	7.1	1.54	.57	.70	.81	22.8	6.7	1.79	.58	.71	.84
	750	355	28.2	8.3	1.15	.58	.71	.83	27.0	7.9	1.34	.59	.72	.85	25.6	7.5	1.55	.60	.74	.88	24.2	7.1	1.79	.61	.76	.91
	830	390	29.0	8.5	1.15	.60	.73	.86	27.6	8.1	1.34	.60	.75	.89	26.2	7.7	1.55	.62	.77	.91	24.8	7.3	1.80	.63	.79	.94
71°F (22°C)	595	280	28.2	8.3	1.15	.44	.54	.64	27.0	7.9	1.33	.44	.55	.66	25.6	7.5	1.55	.44	.56	.67	24.4	7.2	1.79	.45	.57	.68
	750	355	29.8	8.7	1.16	.45	.57	.68	28.6	8.4	1.35	.45	.57	.69	27.2	8.0	1.56	.46	.59	.72	25.8	7.6	1.80	.46	.60	.74
	830	390	30.6	9.0	1.17	.45	.58	.70	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.61	.76

HSXA19-036 - CH33-42B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.2	10.3	2.09	.72	.85	.97	33.6	9.8	2.34	.74	.87	.99	31.8	9.3	2.62	.75	.89	1.00	29.8	8.7	2.93	.77	.92	1.00
	1185	560	36.8	10.8	2.11	.76	.90	1.00	35.0	10.3	2.36	.78	.93	1.00	33.0	9.7	2.64	.80	.95	1.00	31.0	9.1	2.95	.82	.98	1.00
	1440	680	38.0	11.1	2.12	.80	.96	1.00	36.2	10.6	2.37	.82	.99	1.00	34.2	10.0	2.65	.84	1.00	1.00	32.4	9.5	2.96	.87	1.00	1.00
67°F (19°C)	975	460	37.4	11.0	2.11	.58	.70	.82	35.6	10.4	2.36	.59	.71	.84	33.6	9.8	2.64	.59	.73	.86	31.6	9.3	2.95	.61	.75	.89
	1185	560	39.0	11.4	2.13	.60	.74	.87	37.0	10.8	2.38	.61	.75	.89	35.0	10.3	2.65	.62	.77	.92	32.8	9.6	2.97	.64	.80	.95
	1440	680	40.5	11.9	2.14	.63	.78	.93	38.5	11.3	2.39	.64	.80	.95	36.0	10.6	2.67	.65	.82	.98	33.8	9.9	2.98	.67	.85	1.00
71°F (22°C)	975	460	39.5	11.6	2.13	.45	.56	.67	37.6	11.0	2.38	.45	.57	.69	35.6	10.4	2.66	.45	.58	.70	33.4	9.8	2.98	.46	.59	.72
	1185	560	41.0	12.0	2.15	.46	.59	.71	39.0	11.4	2.40	.46	.60	.73	37.0	10.8	2.68	.47	.61	.75	34.8	10.2	2.99	.47	.63	.77
	1440	680	42.5	12.5	2.16	.47	.62	.76	40.5	11.9	2.41	.47	.63	.78	38.0	11.1	2.69	.48	.64	.80	35.8	10.5	3.00	.49	.66	.83

HSXA19-036 - CH33-44/48B-2F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	25.0	7.3	1.13	.71	.82	.94	24.0	7.0	1.32	.72	.84	.96	22.8	6.7	1.53	.73	.86	.98	21.4	6.3	1.78	.75	.88	1.00
	750	355	26.6	7.8	1.14	.74	.88	1.00	25.6	7.5	1.33	.76	.90	1.00	24.2	7.1	1.54	.78	.92	1.00	22.8	6.7	1.79	.80	.95	1.00
	830	390	27.4	8.0	1.14	.77	.91	1.00	26.2	7.7	1.33	.78	.93	1.00	24.8	7.3	1.54	.80	.96	1.00	23.4	6.9	1.79	.82	.98	1.00
67°F (19°C)	595	280	26.8	7.9	1.14	.57	.68	.79	25.6	7.5	1.33	.57	.69	.80	24.4	7.2	1.54	.58	.70	.82	23.0	6.7	1.79	.59	.72	.84
	750	355	28.6	8.4	1.15	.59	.72	.84	27.2	8.0	1.34	.60	.73	.86	26.0	7.6	1.55	.61	.75	.88	24.4	7.2	1.79	.62	.77	.91
	830	390	29.2	8.6	1.16	.60	.74	.87	28.0	8.2	1.34	.61	.75	.89	26.6	7.8	1.55	.62	.77	.92	25.0	7.3	1.80	.63	.79	.95
71°F (22°C)	595	280	28.4	8.3	1.15	.44	.55	.65	27.2	8.0	1.34	.45	.56	.66	26.0	7.6	1.55	.45	.56	.68	24.6	7.2	1.80	.45	.57	.69
	750	355	30.2	8.9	1.16	.45	.57	.69	29.0	8.5	1.35	.46	.58	.70	27.6	8.1	1.56	.46	.59	.72	26.0	7.6	1.81	.46	.60	.74
	830	390	31.0	9.1	1.17	.46	.59	.71	29.6	8.7	1.35	.46	.60	.73	28.2	8.3	1.56	.47	.61	.74	26.6	7.8	1.81	.47	.62	.77

HSXA19-036 - CH33-44/48B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.8	10.5	2.10	.73	.86	.97	34.0	10.0	2.35	.74	.87	1.00	32.2	9.4	2.63	.76	.90	1.00	30.2	8.9	2.94	.78	.93	1.00
	1185	560	37.4	11.0	2.11	.77	.91	1.00	35.6	10.4	2.36	.78	.93	1.00	33.6	9.8	2.64	.80	.96	1.00	31.6	9.3	2.95	.82	.99	1.00
	1440	680	39.0	11.4	2.13	.81	.97	1.00	37.0	10.8	2.38	.83	.99	1.00	34.8	10.2	2.65	.85	1.00	1.00	33.0	9.7	2.97	.88	1.00	1.00
67°F (19°C)	975	460	38.0	11.1	2.12	.58	.71	.82	36.2	10.6	2.37	.59	.72	.84	34.2	10.0	2.65	.60	.73	.86	32.2	9.4	2.96	.61	.76	.89
	1185	560	39.5	11.6	2.13	.60	.74	.87	37.6	11.0	2.38	.61	.76	.90	35.6	10.4	2.66	.63	.77	.93	33.4	9.8	2.98	.64	.80	.96
	1440	680	41.0	12.0	2.15	.63	.78	.94	39.0	11.4	2.40	.64	.80	.96	36.8	10.8	2.67	.65	.83	.99	34.4	10.1	2.99	.67	.86	1.00
71°F (22°C)	975	460	40.0	11.7	2.14	.45	.57	.68	38.0	11.1	2.39	.45	.57	.70	36.2	10.6	2.67	.45	.58	.71	34.0	10.0	2.98	.46	.60	.73
	1185	560	42.0	12.3	2.15	.45	.59	.72	39.5	11.6	2.40	.46	.60	.73	37.6	11.0	2.68	.47	.61	.75	35.2	10.3	3.00	.47	.63	.78
	1440	680	43.0	12.6	2.17	.47	.62	.76	41.0	12.0	2.42	.47	.62	.78	39.0	11.4	2.70	.48	.64	.81	36.2	10.6	3.01	.49	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CH33-36A/B-2F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	25.6	7.5	1.17	.74	.86	.98	24.4	7.2	1.36	.75	.88	1.00	23.2	6.8	1.58	.77	.90	1.00	22.0	6.4	1.84	.79	.93	1.00
	845	400	26.6	7.8	1.17	.77	.91	1.00	25.4	7.4	1.37	.78	.93	1.00	24.2	7.1	1.59	.80	.95	1.00	22.8	6.7	1.85	.82	.98	1.00
	940	445	27.2	8.0	1.18	.79	.94	1.00	26.0	7.6	1.37	.81	.96	1.00	24.8	7.3	1.59	.83	.99	1.00	23.2	6.8	1.85	.85	1.00	1.00
67°F (19°C)	720	340	27.2	8.0	1.18	.59	.71	.83	26.0	7.6	1.37	.60	.72	.85	24.8	7.3	1.59	.60	.74	.87	23.6	6.9	1.85	.62	.76	.89
	845	400	28.4	8.3	1.19	.61	.74	.87	27.0	7.9	1.38	.62	.76	.90	25.8	7.6	1.60	.63	.77	.91	24.4	7.2	1.86	.64	.80	.94
	940	445	29.0	8.5	1.19	.63	.77	.90	27.6	8.1	1.38	.63	.78	.92	26.4	7.7	1.60	.64	.80	.95	24.8	7.3	1.86	.66	.82	.98
71°F (22°C)	720	340	29.0	8.5	1.19	.46	.57	.69	27.8	8.1	1.38	.46	.58	.70	26.4	7.7	1.60	.46	.59	.71	25.0	7.3	1.86	.47	.60	.73
	845	400	30.0	8.8	1.20	.47	.59	.71	28.8	8.4	1.39	.47	.60	.73	27.4	8.0	1.61	.47	.61	.75	25.8	7.6	1.87	.48	.63	.77
	940	445	30.8	9.0	1.20	.47	.60	.74	29.4	8.6	1.39	.48	.62	.76	28.0	8.2	1.61	.48	.63	.77	26.4	7.7	1.87	.49	.64	.80

HSXA19-036 - CH33-36A/B-2F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	34.4	10.1	2.22	.75	.88	1.00	32.8	9.6	2.48	.76	.90	1.00	31.0	9.1	2.78	.78	.92	1.00	29.2	8.6	3.12	.80	.95	1.00
	1210	570	35.4	10.4	2.23	.77	.92	1.00	33.8	9.9	2.50	.79	.94	1.00	31.8	9.3	2.79	.81	.97	1.00	30.0	8.8	3.13	.83	.99	1.00
	1335	630	36.2	10.6	2.24	.79	.95	1.00	34.4	10.1	2.50	.81	.97	1.00	32.4	9.5	2.80	.83	1.00	1.00	30.4	8.9	3.14	.86	1.00	1.00
67°F (19°C)	1050	495	36.6	10.7	2.24	.60	.72	.84	34.8	10.2	2.51	.61	.74	.86	32.8	9.6	2.81	.62	.75	.89	31.0	9.1	3.14	.63	.78	.92
	1210	570	37.6	11.0	2.26	.61	.75	.88	35.8	10.5	2.52	.62	.77	.91	33.8	9.9	2.82	.64	.79	.93	31.6	9.3	3.15	.65	.81	.96
	1335	630	38.0	11.1	2.26	.63	.77	.91	36.4	10.7	2.53	.64	.79	.94	34.4	10.1	2.82	.65	.81	.97	32.2	9.4	3.16	.67	.84	.99
71°F (22°C)	1050	495	38.5	11.3	2.27	.46	.58	.70	36.8	10.8	2.53	.47	.59	.71	34.8	10.2	2.83	.47	.60	.73	32.8	9.6	3.17	.48	.62	.75
	1210	570	39.5	11.6	2.28	.47	.60	.73	37.8	11.1	2.54	.48	.61	.74	35.8	10.5	2.84	.48	.62	.76	33.6	9.8	3.18	.49	.64	.79
	1335	630	40.5	11.9	2.29	.48	.61	.75	38.5	11.3	2.55	.48	.63	.77	36.4	10.7	2.85	.49	.64	.79	34.0	10.0	3.19	.49	.66	.82

HSXA19-036 - CH33-42B-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.2	7.7	1.17	.73	.86	.99	25.0	7.3	1.37	.75	.88	1.00	23.8	7.0	1.59	.77	.91	1.00	22.4	6.6	1.85	.79	.93	1.00
	845	400	27.2	8.0	1.18	.77	.91	1.00	26.0	7.6	1.37	.79	.93	1.00	24.6	7.2	1.59	.80	.96	1.00	23.4	6.9	1.85	.82	.98	1.00
	940	445	27.8	8.1	1.18	.79	.94	1.00	26.6	7.8	1.38	.81	.97	1.00	25.2	7.4	1.59	.83	.99	1.00	24.0	7.0	1.86	.85	1.00	1.00
67°F (19°C)	720	340	27.8	8.1	1.18	.59	.71	.83	26.8	7.9	1.37	.60	.72	.84	25.4	7.4	1.60	.60	.74	.87	24.0	7.0	1.86	.62	.76	.89
	845	400	29.0	8.5	1.19	.61	.74	.87	27.8	8.1	1.38	.62	.76	.89	26.4	7.7	1.60	.63	.77	.92	24.8	7.3	1.86	.64	.79	.95
	940	445	29.6	8.7	1.20	.62	.77	.91	28.4	8.3	1.39	.63	.78	.93	26.8	7.9	1.61	.64	.80	.95	25.4	7.4	1.86	.66	.82	.98
71°F (22°C)	720	340	29.6	8.7	1.20	.46	.57	.68	28.4	8.3	1.39	.45	.58	.69	27.0	7.9	1.61	.46	.59	.71	25.6	7.5	1.86	.47	.60	.73
	845	400	30.8	9.0	1.20	.47	.59	.71	29.4	8.6	1.39	.47	.60	.73	28.0	8.2	1.61	.48	.61	.75	26.4	7.7	1.87	.48	.63	.77
	940	445	31.4	9.2	1.21	.47	.61	.74	30.2	8.9	1.40	.48	.62	.76	28.6	8.4	1.62	.48	.63	.78	27.0	7.9	1.87	.49	.65	.80

HSXA19-036 - CH33-42B-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	35.4	10.4	2.23	.75	.88	1.00	33.8	9.9	2.50	.76	.90	1.00	32.0	9.4	2.79	.78	.93	1.00	30.0	8.8	3.13	.80	.96	1.00
	1210	570	36.6	10.7	2.24	.78	.92	1.00	34.8	10.2	2.51	.79	.94	1.00	32.8	9.6	2.81	.81	.97	1.00	30.8	9.0	3.14	.84	1.00	1.00
	1335	630	37.4	11.0	2.25	.80	.95	1.00	35.4	10.4	2.52	.82	.97	1.00	33.4	9.8	2.81	.84	1.00	1.00	31.6	9.3	3.15	.87	1.00	1.00
67°F (19°C)	1050	495	37.6	11.0	2.26	.59	.72	.85	35.8	10.5	2.52	.60	.73	.86	34.0	10.0	2.82	.62	.76	.89	31.8	9.3	3.16	.63	.78	.92
	1210	570	38.5	11.3	2.27	.61	.75	.89	36.8	10.8	2.53	.63	.77	.91	34.8	10.2	2.83	.64	.79	.94	32.6	9.6	3.16	.65	.81	.97
	1335	630	39.5	11.6	2.28	.63	.78	.92	37.4	11.0	2.54	.64	.79	.94	35.4	10.4	2.84	.65	.81	.97	33.0	9.7	3.17	.67	.84	1.00
71°F (22°C)	1050	495	39.5	11.6	2.28	.46	.58	.70	37.8	11.1	2.55	.46	.59	.71	35.8	10.5	2.84	.47	.60	.73	33.6	9.8	3.18	.48	.62	.75
	1210	570	41.0	12.0	2.29	.47	.60	.73	39.0	11.4	2.56	.48	.61	.75	36.8	10.8	2.86	.48	.62	.77	34.4	10.1	3.19	.49	.64	.79
	1335	630	41.5	12.2	2.30	.48	.62	.75	39.5	11.6	2.57	.49	.63	.77	37.4	11.0	2.87	.49	.64	.79	35.0	10.3	3.20	.50	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-036 - CH33-48C-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.4	7.7	1.17	.74	.87	.99	25.2	7.4	1.37	.76	.89	1.00	24.0	7.0	1.59	.77	.91	1.00	22.6	6.6	1.85	.79	.94	1.00
	845	400	27.6	8.1	1.18	.77	.92	1.00	26.4	7.7	1.38	.79	.94	1.00	25.0	7.3	1.59	.81	.96	1.00	23.6	6.9	1.85	.83	.99	1.00
	940	445	28.2	8.3	1.19	.80	.95	1.00	27.0	7.9	1.38	.81	.97	1.00	25.6	7.5	1.60	.83	1.00	1.00	24.2	7.1	1.86	.86	1.00	1.00
67°F (19°C)	720	340	28.2	8.3	1.19	.59	.72	.83	27.0	7.9	1.38	.60	.73	.85	25.6	7.5	1.60	.61	.74	.87	24.2	7.1	1.86	.62	.76	.90
	845	400	29.4	8.6	1.19	.61	.75	.88	28.0	8.2	1.38	.62	.76	.90	26.6	7.8	1.60	.63	.78	.93	25.2	7.4	1.86	.64	.80	.95
	940	445	30.0	8.8	1.20	.63	.77	.91	28.6	8.4	1.39	.64	.79	.94	27.2	8.0	1.61	.65	.81	.96	25.6	7.5	1.86	.66	.84	.99
71°F (22°C)	720	340	30.0	8.8	1.20	.46	.57	.69	28.6	8.4	1.39	.46	.58	.70	27.2	8.0	1.61	.47	.60	.72	25.8	7.6	1.87	.47	.61	.74
	845	400	31.2	9.1	1.20	.47	.60	.72	29.8	8.7	1.40	.47	.61	.74	28.4	8.3	1.61	.48	.62	.75	26.8	7.9	1.87	.48	.63	.77
	940	445	32.0	9.4	1.21	.48	.61	.75	30.6	9.0	1.40	.48	.62	.76	29.0	8.5	1.62	.48	.63	.78	27.2	8.0	1.87	.49	.64	.80

HSXA19-036 - CH33-48C-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	36.0	10.6	2.24	.75	.88	1.00	34.4	10.1	2.50	.77	.91	1.00	32.4	9.5	2.80	.78	.93	1.00	30.4	8.9	3.14	.81	.96	1.00
	1210	570	37.2	10.9	2.25	.78	.93	1.00	35.4	10.4	2.52	.80	.95	1.00	33.4	9.8	2.81	.82	.98	1.00	31.4	9.2	3.15	.84	1.00	1.00
	1335	630	38.0	11.1	2.26	.80	.96	1.00	36.0	10.6	2.52	.82	.98	1.00	34.0	10.0	2.82	.84	1.00	1.00	32.2	9.4	3.16	.87	1.00	1.00
67°F (19°C)	1050	495	38.0	11.1	2.26	.60	.72	.85	36.4	10.7	2.53	.61	.74	.86	34.4	10.1	2.83	.62	.76	.90	32.2	9.4	3.16	.63	.78	.93
	1210	570	39.5	11.6	2.28	.62	.76	.89	37.4	11.0	2.54	.63	.77	.92	35.4	10.4	2.84	.64	.80	.94	33.0	9.7	3.17	.66	.82	.98
	1335	630	40.0	11.7	2.28	.63	.78	.92	38.0	11.1	2.55	.64	.80	.95	35.8	10.5	2.85	.66	.82	.98	33.6	9.8	3.18	.67	.85	1.00
71°F (22°C)	1050	495	40.5	11.9	2.29	.46	.58	.70	38.5	11.3	2.55	.47	.59	.72	36.4	10.7	2.85	.47	.61	.74	34.2	10.0	3.19	.48	.62	.76
	1210	570	41.5	12.2	2.30	.47	.60	.73	39.5	11.6	2.57	.48	.62	.75	37.2	10.9	2.86	.48	.63	.77	35.0	10.3	3.20	.49	.64	.80
	1335	630	42.5	12.5	2.31	.48	.62	.76	40.0	11.7	2.58	.48	.63	.78	37.8	11.1	2.87	.49	.64	.80	35.4	10.4	3.21	.50	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-36A/B/C - CX34-36A/B/C-6F - C33-42B - CX34-42B-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.4	7.7	1.14	.76	.90	1.00	25.2	7.4	1.33	.78	.93	1.00	24.0	7.0	1.54	.80	.95	1.00	22.6	6.6	1.78	.82	.98	1.00
	900	425	27.0	7.9	1.14	.79	.94	1.00	26.0	7.6	1.33	.80	.96	1.00	24.8	7.3	1.54	.82	.98	1.00	23.4	6.9	1.79	.85	1.00	1.00
	1000	470	27.8	8.1	1.15	.81	.97	1.00	26.6	7.8	1.33	.83	.99	1.00	25.4	7.4	1.55	.85	1.00	1.00	24.0	7.0	1.79	.88	1.00	1.00
67°F (19°C)	800	380	28.0	8.2	1.15	.61	.74	.87	26.8	7.9	1.33	.61	.75	.89	25.4	7.4	1.55	.62	.77	.91	24.0	7.0	1.79	.64	.79	.94
	900	425	28.8	8.4	1.15	.62	.76	.90	27.4	8.0	1.34	.63	.78	.93	26.2	7.7	1.55	.64	.80	.95	24.6	7.2	1.80	.65	.82	.98
	1000	470	29.4	8.6	1.16	.63	.79	.94	28.0	8.2	1.34	.64	.80	.96	26.6	7.8	1.55	.66	.83	.98	25.2	7.4	1.80	.67	.85	1.00
71°F (22°C)	800	380	29.2	8.6	1.16	.46	.59	.71	28.0	8.2	1.34	.46	.60	.73	26.8	7.9	1.55	.47	.61	.74	25.2	7.4	1.80	.47	.62	.77
	900	425	30.2	8.9	1.16	.47	.61	.74	28.8	8.4	1.35	.47	.62	.75	27.4	8.0	1.56	.48	.63	.77	26.0	7.6	1.80	.48	.64	.80
	1000	470	30.8	9.0	1.17	.47	.62	.76	29.6	8.7	1.35	.48	.63	.78	28.2	8.3	1.56	.48	.64	.80	26.6	7.8	1.81	.49	.66	.83

HSXA19-038 - C33-36A/B/C - CX34-36A/B/C - C33-42B - CX34-42B-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.09	.74	.87	.99	33.0	9.7	2.34	.76	.89	1.00	31.2	9.1	2.62	.77	.92	1.00	29.4	8.6	2.93	.79	.95	1.00
	1200	565	36.0	10.6	2.10	.78	.92	1.00	34.4	10.1	2.35	.79	.94	1.00	32.4	9.5	2.63	.81	.97	1.00	30.6	9.0	2.94	.84	1.00	1.00
	1400	660	37.2	10.9	2.11	.81	.97	1.00	35.4	10.4	2.36	.83	.99	1.00	33.6	9.8	2.64	.85	1.00	1.00	31.6	9.3	2.96	.88	1.00	1.00
67°F (19°C)	1000	470	36.4	10.7	2.10	.59	.72	.84	34.8	10.2	2.35	.60	.73	.86	33.0	9.7	2.63	.61	.75	.88	31.0	9.1	2.95	.62	.77	.91
	1200	565	38.0	11.1	2.12	.61	.75	.89	36.2	10.6	2.37	.62	.77	.91	34.2	10.0	2.65	.63	.79	.94	32.0	9.4	2.96	.65	.81	.97
	1400	660	39.0	11.4	2.13	.63	.79	.94	37.2	10.9	2.38	.64	.80	.96	35.0	10.3	2.66	.66	.83	.99	32.8	9.6	2.97	.68	.86	1.00
71°F (22°C)	1000	470	38.0	11.1	2.12	.46	.58	.70	36.4	10.7	2.37	.46	.59	.71	34.4	10.1	2.65	.46	.60	.73	32.4	9.5	2.97	.47	.61	.75
	1200	565	39.5	11.6	2.13	.46	.60	.73	37.8	11.1	2.38	.47	.61	.75	35.8	10.5	2.66	.47	.62	.77	33.6	9.8	2.98	.48	.64	.79
	1400	660	41.0	12.0	2.14	.47	.62	.76	39.0	11.4	2.40	.48	.63	.78	36.8	10.8	2.67	.49	.65	.81	34.6	10.1	2.99	.49	.67	.83

HSXA19-038 - C33-44C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.14	.77	.91	1.00	25.8	7.6	1.33	.78	.93	1.00	24.4	7.2	1.54	.80	.96	1.00	23.0	6.7	1.79	.82	.98	1.00
	900	425	27.8	8.1	1.15	.79	.95	1.00	26.4	7.7	1.33	.81	.97	1.00	25.2	7.4	1.54	.83	.99	1.00	23.8	7.0	1.79	.86	1.00	1.00
	1000	470	28.4	8.3	1.15	.82	.98	1.00	27.0	7.9	1.34	.84	1.00	1.00	25.8	7.6	1.55	.86	1.00	1.00	24.4	7.2	1.79	.89	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.15	.60	.74	.87	27.4	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.6	7.2	1.80	.63	.79	.95
	900	425	29.4	8.6	1.16	.62	.77	.91	28.2	8.3	1.34	.63	.78	.93	26.8	7.9	1.55	.64	.80	.96	25.2	7.4	1.80	.65	.83	.99
	1000	470	30.2	8.9	1.16	.64	.79	.95	28.8	8.4	1.35	.65	.81	.97	27.2	8.0	1.56	.66	.83	.99	25.6	7.5	1.80	.67	.86	1.00
71°F (22°C)	800	380	30.4	8.9	1.17	.45	.58	.71	29.0	8.5	1.35	.46	.60	.73	27.6	8.1	1.56	.46	.60	.75	26.2	7.7	1.81	.47	.62	.77
	900	425	31.2	9.1	1.17	.46	.60	.74	29.8	8.7	1.35	.47	.61	.76	28.4	8.3	1.57	.47	.63	.78	26.8	7.9	1.81	.48	.64	.80
	1000	470	32.0	9.4	1.18	.47	.62	.77	30.6	9.0	1.36	.48	.63	.79	29.0	8.5	1.57	.48	.65	.81	27.2	8.0	1.81	.49	.66	.83

HSXA19-038 - C33-44C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.4	10.4	2.09	.74	.88	1.00	33.6	9.8	2.34	.76	.90	1.00	31.8	9.3	2.62	.78	.93	1.00	29.8	8.7	2.93	.80	.96	1.00
	1200	565	36.6	10.7	2.10	.78	.94	1.00	35.0	10.3	2.36	.80	.96	1.00	33.0	9.7	2.63	.82	.98	1.00	31.0	9.1	2.95	.85	1.00	1.00
	1400	660	38.0	11.1	2.12	.82	.98	1.00	36.0	10.6	2.37	.84	1.00	1.00	34.2	10.0	2.65	.87	1.00	1.00	32.2	9.4	2.96	.90	1.00	1.00
67°F (19°C)	1000	470	37.6	11.0	2.11	.59	.72	.85	35.6	10.4	2.36	.60	.74	.87	33.8	9.9	2.64	.61	.75	.89	31.6	9.3	2.96	.62	.78	.92
	1200	565	39.0	11.4	2.13	.61	.76	.90	37.0	10.8	2.38	.62	.78	.93	35.0	10.3	2.65	.64	.80	.96	32.8	9.6	2.97	.65	.83	.98
	1400	660	40.0	11.7	2.14	.64	.80	.95	38.0	11.1	2.39	.65	.82	.97	35.8	10.5	2.67	.67	.85	.99	33.6	9.8	2.98	.68	.88	1.00
71°F (22°C)	1000	470	39.5	11.6	2.13	.45	.58	.69	37.6	11.0	2.38	.45	.59	.71	35.6	10.4	2.66	.46	.60	.73	33.4	9.8	2.98	.46	.61	.75
	1200	565	41.0	12.0	2.15	.46	.60	.74	39.0	11.4	2.40	.46	.61	.75	36.8	10.8	2.67	.47	.62	.78	34.6	10.1	2.99	.48	.64	.80
	1400	660	42.0	12.3	2.16	.47	.63	.78	40.0	11.7	2.41	.47	.64	.80	37.8	11.1	2.69	.48	.65	.82	35.4	10.4	3.00	.49	.67	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.14	.75	.89	1.00	25.6	7.5	1.33	.77	.91	1.00	24.4	7.2	1.54	.79	.94	1.00	23.0	6.7	1.79	.81	.97	1.00
	900	425	27.6	8.1	1.15	.78	.93	1.00	26.4	7.7	1.33	.79	.95	1.00	25.0	7.3	1.54	.81	.97	1.00	23.6	6.9	1.79	.83	1.00	1.00
	1000	470	28.2	8.3	1.15	.80	.96	1.00	27.0	7.9	1.34	.82	.98	1.00	25.6	7.5	1.55	.84	1.00	1.00	24.2	7.1	1.79	.87	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.15	.60	.73	.85	27.4	8.0	1.34	.61	.74	.87	26.0	7.6	1.55	.61	.76	.90	24.4	7.2	1.80	.63	.78	.93
	900	425	29.4	8.6	1.16	.61	.75	.89	28.0	8.2	1.34	.62	.77	.91	26.6	7.8	1.55	.63	.79	.94	25.0	7.3	1.80	.64	.81	.97
	1000	470	30.0	8.8	1.16	.63	.77	.92	28.6	8.4	1.35	.63	.79	.94	27.2	8.0	1.56	.65	.81	.97	25.6	7.5	1.80	.66	.84	1.00
71°F (22°C)	800	380	30.4	8.9	1.17	.45	.58	.70	29.0	8.5	1.35	.46	.59	.71	27.6	8.1	1.56	.46	.60	.73	26.2	7.7	1.80	.47	.61	.75
	900	425	31.2	9.1	1.17	.46	.60	.73	29.8	8.7	1.35	.46	.60	.74	28.4	8.3	1.57	.47	.62	.76	26.8	7.9	1.81	.47	.63	.78
	1000	470	32.0	9.4	1.18	.47	.61	.75	30.6	9.0	1.36	.47	.62	.77	29.0	8.5	1.57	.48	.63	.79	27.4	8.0	1.81	.48	.65	.81

HSXA19-038 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.6	10.4	2.10	.73	.86	.98	33.8	9.9	2.35	.74	.88	1.00	32.0	9.4	2.62	.76	.90	1.00	30.0	8.8	2.94	.78	.93	1.00
	1200	565	37.0	10.8	2.11	.76	.90	1.00	35.2	10.3	2.36	.78	.93	1.00	33.4	9.8	2.64	.80	.95	1.00	31.2	9.1	2.95	.82	.99	1.00
	1400	660	38.0	11.1	2.12	.80	.95	1.00	36.4	10.7	2.37	.81	.97	1.00	34.2	10.0	2.65	.84	1.00	1.00	32.2	9.4	2.96	.86	1.00	1.00
67°F (19°C)	1000	470	37.8	11.1	2.11	.58	.71	.82	36.0	10.6	2.36	.59	.72	.84	34.0	10.0	2.64	.60	.73	.87	32.0	9.4	2.96	.61	.76	.89
	1200	565	39.0	11.4	2.13	.61	.73	.87	37.2	10.9	2.38	.61	.76	.89	35.2	10.3	2.66	.62	.77	.92	33.0	9.7	2.97	.64	.80	.95
	1400	660	40.0	11.7	2.14	.62	.77	.92	38.5	11.3	2.39	.63	.79	.94	36.2	10.6	2.67	.64	.81	.97	33.8	9.9	2.98	.67	.84	1.00
71°F (22°C)	1000	470	39.5	11.6	2.13	.45	.57	.68	37.8	11.1	2.39	.46	.57	.70	35.8	10.5	2.66	.45	.58	.71	33.8	9.9	2.98	.46	.60	.73
	1200	565	41.5	12.2	2.15	.46	.59	.71	39.5	11.6	2.40	.46	.60	.73	37.2	10.9	2.68	.47	.61	.75	35.0	10.3	2.99	.47	.63	.77
	1400	660	42.5	12.5	2.16	.46	.61	.74	40.5	11.9	2.41	.47	.62	.77	38.0	11.1	2.69	.48	.63	.79	35.8	10.5	3.00	.48	.65	.82

HSXA19-038 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.14	.76	.90	1.00	25.8	7.6	1.33	.77	.92	1.00	24.6	7.2	1.54	.79	.94	1.00	23.2	6.8	1.79	.81	.97	1.00
	900	425	27.8	8.1	1.15	.78	.93	1.00	26.6	7.8	1.33	.80	.95	1.00	25.2	7.4	1.54	.82	.98	1.00	23.8	7.0	1.79	.84	1.00	1.00
	1000	470	28.6	8.4	1.15	.81	.96	1.00	27.2	8.0	1.34	.82	.99	1.00	25.8	7.6	1.55	.84	1.00	1.00	24.6	7.2	1.80	.87	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.16	.60	.73	.86	27.6	8.1	1.34	.61	.75	.88	26.2	7.7	1.55	.62	.76	.90	24.8	7.3	1.80	.63	.78	.93
	900	425	29.6	8.7	1.16	.61	.76	.89	28.4	8.3	1.34	.62	.77	.92	26.8	7.9	1.56	.63	.79	.94	25.4	7.4	1.80	.65	.81	.97
	1000	470	30.2	8.9	1.16	.63	.78	.93	29.0	8.5	1.35	.64	.80	.95	27.4	8.0	1.56	.65	.82	.98	25.8	7.6	1.80	.67	.84	1.00
71°F (22°C)	800	380	30.6	9.0	1.17	.45	.58	.70	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.61	.76
	900	425	31.6	9.3	1.17	.46	.60	.73	30.2	8.9	1.36	.47	.61	.74	28.6	8.4	1.57	.47	.62	.76	27.0	7.9	1.81	.47	.63	.78
	1000	470	32.2	9.4	1.18	.47	.61	.75	30.8	9.0	1.36	.47	.62	.77	29.2	8.6	1.57	.48	.63	.79	27.6	8.1	1.81	.48	.65	.82

HSXA19-038 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.0	10.6	2.10	.74	.86	.98	34.2	10.0	2.35	.74	.88	1.00	32.4	9.5	2.63	.76	.91	1.00	30.4	8.9	2.94	.78	.94	1.00
	1200	565	37.4	11.0	2.11	.77	.91	1.00	35.6	10.4	2.36	.78	.94	1.00	33.6	9.8	2.64	.80	.96	1.00	31.6	9.3	2.95	.83	.99	1.00
	1400	660	38.5	11.3	2.12	.80	.96	1.00	36.8	10.8	2.37	.82	.98	1.00	34.6	10.1	2.65	.84	1.00	1.00	32.8	9.6	2.97	.87	1.00	1.00
67°F (19°C)	1000	470	38.0	11.1	2.12	.58	.71	.83	36.2	10.6	2.37	.59	.72	.85	34.4	10.1	2.65	.60	.74	.87	32.2	9.4	2.96	.62	.76	.90
	1200	565	39.5	11.6	2.13	.60	.74	.88	37.6	11.0	2.38	.62	.76	.90	35.6	10.4	2.66	.63	.78	.93	33.2	9.7	2.97	.64	.80	.96
	1400	660	40.5	11.9	2.14	.63	.78	.93	38.5	11.3	2.39	.63	.80	.95	36.6	10.7	2.67	.65	.82	.98	34.2	10.0	2.98	.66	.85	1.00
71°F (22°C)	1000	470	40.0	11.7	2.14	.45	.57	.69	38.5	11.3	2.39	.45	.58	.70	36.2	10.6	2.67	.45	.58	.71	34.0	10.0	2.98	.46	.60	.74
	1200	565	42.0	12.3	2.15	.46	.59	.72	40.0	11.7	2.41	.46	.60	.73	37.6	11.0	2.68	.47	.61	.76	35.2	10.3	3.00	.48	.62	.77
	1400	660	43.0	12.6	2.16	.47	.61	.75	41.0	12.0	2.41	.47	.62	.77	38.5	11.3	2.69	.48	.64	.80	36.0	10.6	3.01	.48	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-38A/B - CX34-38A/B-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.2	8.0	1.14	.76	.90	1.00	26.0	7.6	1.33	.78	.92	1.00	24.6	7.2	1.54	.79	.95	1.00	23.2	6.8	1.79	.82	.98	1.00
	900	425	28.0	8.2	1.15	.79	.94	1.00	26.6	7.8	1.33	.80	.96	1.00	25.2	7.4	1.55	.82	.99	1.00	23.8	7.0	1.79	.85	1.00	1.00
	1000	470	28.6	8.4	1.15	.81	.97	1.00	27.4	8.0	1.34	.83	.99	1.00	26.0	7.6	1.55	.85	1.00	1.00	24.6	7.2	1.80	.88	1.00	1.00
67°F (19°C)	800	380	29.0	8.5	1.16	.60	.73	.87	27.8	8.1	1.34	.61	.75	.88	26.2	7.7	1.55	.62	.77	.91	24.8	7.3	1.80	.63	.79	.94
	900	425	29.8	8.7	1.16	.62	.76	.90	28.4	8.3	1.35	.63	.78	.92	27.0	7.9	1.56	.64	.80	.95	25.4	7.4	1.80	.65	.82	.98
	1000	470	30.4	8.9	1.17	.63	.79	.94	29.0	8.5	1.35	.64	.80	.96	27.4	8.0	1.56	.65	.82	.98	25.8	7.6	1.80	.67	.85	1.00
71°F (22°C)	800	380	30.8	9.0	1.17	.45	.58	.71	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.62	.76
	900	425	31.6	9.3	1.17	.46	.60	.74	30.2	8.9	1.36	.47	.61	.75	28.6	8.4	1.57	.47	.62	.77	27.0	7.9	1.81	.48	.64	.79
	1000	470	32.2	9.4	1.18	.47	.62	.76	30.8	9.0	1.36	.47	.63	.78	29.2	8.6	1.57	.48	.64	.80	27.6	8.1	1.81	.48	.65	.82

HSXA19-038 - C33-38A/B - CX34-38A/B-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.0	10.6	2.10	.74	.87	.99	34.2	10.0	2.35	.75	.89	1.00	32.4	9.5	2.63	.77	.92	1.00	30.4	8.9	2.94	.79	.95	1.00
	1200	565	37.4	11.0	2.11	.77	.92	1.00	35.6	10.4	2.36	.79	.95	1.00	33.6	9.8	2.64	.81	.97	1.00	31.4	9.2	2.95	.84	1.00	1.00
	1400	660	38.5	11.3	2.12	.81	.97	1.00	36.6	10.7	2.37	.83	.99	1.00	34.6	10.1	2.65	.85	1.00	1.00	32.8	9.6	2.97	.88	1.00	1.00
67°F (19°C)	1000	470	38.0	11.1	2.12	.59	.71	.84	36.2	10.6	2.37	.59	.73	.86	34.4	10.1	2.65	.61	.74	.88	32.2	9.4	2.96	.62	.77	.91
	1200	565	39.5	11.6	2.13	.61	.75	.89	37.6	11.0	2.38	.62	.77	.91	35.6	10.4	2.66	.63	.79	.94	33.2	9.7	2.97	.65	.81	.97
	1400	660	40.5	11.9	2.14	.63	.79	.94	38.5	11.3	2.39	.64	.81	.96	36.4	10.7	2.67	.65	.83	.99	34.2	10.0	2.98	.67	.86	1.00
71°F (22°C)	1000	470	40.0	11.7	2.14	.45	.57	.69	38.0	11.1	2.39	.45	.58	.71	36.2	10.6	2.67	.46	.59	.72	34.0	10.0	2.98	.46	.60	.74
	1200	565	41.5	12.2	2.15	.46	.59	.73	39.5	11.6	2.40	.47	.61	.75	37.6	11.0	2.68	.47	.62	.77	35.2	10.3	3.00	.48	.63	.79
	1400	660	43.0	12.6	2.16	.47	.62	.76	41.0	12.0	2.41	.48	.63	.79	38.5	11.3	2.69	.48	.64	.80	36.0	10.6	3.01	.49	.67	.84

HSXA19-038 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.2	7.7	1.14	.75	.89	1.00	25.2	7.4	1.33	.77	.91	1.00	24.0	7.0	1.54	.78	.93	1.00	22.6	6.6	1.78	.80	.97	1.00
	900	425	27.0	7.9	1.14	.77	.92	1.00	25.8	7.6	1.33	.79	.94	1.00	24.4	7.2	1.54	.81	.97	1.00	23.2	6.8	1.79	.84	1.00	1.00
	1000	470	27.6	8.1	1.15	.80	.95	1.00	26.4	7.7	1.33	.81	.98	1.00	25.2	7.4	1.55	.84	1.00	1.00	24.0	7.0	1.79	.86	1.00	1.00
67°F (19°C)	800	380	28.0	8.2	1.15	.60	.73	.85	26.8	7.9	1.34	.61	.74	.87	25.6	7.5	1.55	.62	.76	.89	24.2	7.1	1.79	.63	.78	.92
	900	425	28.8	8.4	1.16	.61	.75	.88	27.6	8.1	1.34	.62	.76	.91	26.2	7.7	1.55	.63	.78	.93	24.8	7.3	1.80	.64	.81	.97
	1000	470	29.4	8.6	1.16	.63	.77	.92	28.2	8.3	1.34	.63	.79	.94	26.8	7.9	1.55	.65	.81	.97	25.2	7.4	1.80	.66	.84	.99
71°F (22°C)	800	380	29.8	8.7	1.16	.45	.58	.70	28.6	8.4	1.35	.45	.59	.71	27.2	8.0	1.56	.46	.60	.73	25.8	7.6	1.80	.46	.61	.75
	900	425	30.6	9.0	1.17	.46	.60	.72	29.4	8.6	1.35	.46	.60	.74	28.0	8.2	1.56	.46	.62	.76	26.4	7.7	1.81	.47	.63	.78
	1000	470	31.2	9.1	1.17	.46	.61	.75	29.8	8.7	1.35	.47	.62	.76	28.4	8.3	1.56	.47	.63	.78	26.8	7.9	1.81	.48	.65	.81

HSXA19-038 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.09	.73	.86	.98	33.2	9.7	2.34	.74	.88	.99	31.4	9.2	2.62	.76	.90	1.00	29.4	8.6	2.93	.78	.93	1.00
	1200	565	36.0	10.6	2.10	.76	.90	1.00	34.4	10.1	2.35	.78	.93	1.00	32.4	9.5	2.63	.80	.95	1.00	30.4	8.9	2.94	.82	.98	1.00
	1400	660	37.2	10.9	2.11	.79	.95	1.00	35.4	10.4	2.36	.81	.97	1.00	33.4	9.8	2.64	.83	.99	1.00	31.6	9.3	2.96	.86	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	2.11	.59	.71	.82	35.2	10.3	2.36	.60	.72	.84	33.4	9.8	2.64	.61	.74	.86	31.2	9.1	2.95	.62	.76	.89
	1200	565	38.5	11.3	2.12	.61	.74	.87	36.4	10.7	2.37	.62	.76	.89	34.4	10.1	2.65	.63	.77	.92	32.4	9.5	2.96	.64	.80	.95
	1400	660	39.5	11.6	2.13	.63	.77	.91	37.4	11.0	2.38	.64	.79	.94	35.4	10.4	2.66	.65	.81	.97	33.2	9.7	2.97	.66	.84	.99
71°F (22°C)	1000	470	39.0	11.4	2.13	.45	.57	.68	37.0	10.8	2.38	.45	.58	.70	35.2	10.3	2.66	.45	.59	.71	33.2	9.7	2.97	.46	.60	.73
	1200	565	40.5	11.9	2.14	.46	.59	.72	38.5	11.3	2.39	.46	.60	.73	36.4	10.7	2.67	.47	.61	.75	34.2	10.0	2.98	.47	.63	.77
	1400	660	41.5	12.2	2.15	.47	.61	.75	39.5	11.6	2.40	.47	.62	.77	37.4	11.0	2.68	.48	.64	.79	35.0	10.3	2.99	.49	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CR26-36N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.6	7.8	1.14	.76	.90	1.00	25.6	7.5	1.33	.78	.92	1.00	24.2	7.1	1.54	.79	.95	1.00	23.0	6.7	1.79	.82	.98	1.00
	900	425	27.6	8.1	1.15	.79	.94	1.00	26.4	7.7	1.33	.80	.96	1.00	25.0	7.3	1.54	.82	.98	1.00	23.4	6.9	1.79	.85	1.00	1.00
	1000	470	28.2	8.3	1.15	.81	.97	1.00	26.8	7.9	1.34	.83	.99	1.00	25.4	7.4	1.55	.85	1.00	1.00	24.2	7.1	1.79	.88	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.15	.60	.74	.87	27.2	8.0	1.34	.61	.75	.89	25.8	7.6	1.55	.62	.77	.91	24.4	7.2	1.80	.63	.79	.94
	900	425	29.2	8.6	1.16	.61	.76	.90	28.0	8.2	1.34	.62	.78	.92	26.6	7.8	1.55	.64	.80	.95	25.0	7.3	1.80	.65	.82	.98
	1000	470	29.8	8.7	1.16	.63	.79	.94	28.4	8.3	1.35	.64	.81	.96	27.0	7.9	1.56	.65	.83	.98	25.4	7.4	1.80	.67	.85	1.00
71°F (22°C)	800	380	30.2	8.9	1.16	.45	.58	.71	28.8	8.4	1.35	.46	.59	.72	27.4	8.0	1.56	.46	.60	.74	26.0	7.6	1.80	.47	.62	.76
	900	425	31.0	9.1	1.17	.46	.60	.73	29.6	8.7	1.35	.47	.61	.75	28.2	8.3	1.56	.47	.62	.77	26.6	7.8	1.81	.48	.64	.79
	1000	470	31.6	9.3	1.17	.47	.62	.76	30.2	8.9	1.36	.47	.63	.78	28.6	8.4	1.57	.48	.64	.80	27.0	7.9	1.81	.48	.66	.83

HSXA19-038 - CR26-36N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.0	10.3	2.09	.74	.87	.99	33.4	9.8	2.34	.75	.89	1.00	31.6	9.3	2.62	.77	.92	1.00	29.8	8.7	2.94	.79	.95	1.00
	1200	565	36.4	10.7	2.10	.78	.92	1.00	34.8	10.2	2.35	.79	.94	1.00	32.8	9.6	2.63	.81	.97	1.00	30.8	9.0	2.95	.84	.99	1.00
	1400	660	37.6	11.0	2.11	.81	.97	1.00	35.8	10.5	2.36	.83	.99	1.00	33.8	9.9	2.64	.86	1.00	1.00	32.0	9.4	2.96	.88	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.11	.59	.72	.84	35.4	10.4	2.36	.60	.73	.86	33.6	9.8	2.64	.61	.75	.88	31.4	9.2	2.95	.62	.77	.91
	1200	565	38.5	11.3	2.12	.61	.75	.89	36.6	10.7	2.37	.62	.77	.91	34.6	10.1	2.65	.63	.79	.94	32.4	9.5	2.97	.65	.82	.97
	1400	660	39.5	11.6	2.13	.63	.79	.94	37.6	11.0	2.38	.65	.81	.96	35.4	10.4	2.66	.66	.83	.98	33.2	9.7	2.97	.68	.86	1.00
71°F (22°C)	1000	470	39.0	11.4	2.13	.45	.58	.69	37.2	10.9	2.38	.46	.58	.71	35.4	10.4	2.66	.46	.59	.72	33.2	9.7	2.97	.46	.61	.74
	1200	565	40.5	11.9	2.14	.46	.60	.73	38.5	11.3	2.39	.46	.61	.75	36.6	10.7	2.67	.47	.62	.77	34.4	10.1	2.99	.47	.64	.79
	1400	660	41.5	12.2	2.15	.47	.62	.77	39.5	11.6	2.40	.47	.63	.79	37.4	11.0	2.68	.48	.65	.81	35.0	10.3	2.99	.49	.67	.84

HSXA19-038 - CH33-36A/B/C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.2	7.7	1.14	.75	.89	1.00	25.0	7.3	1.33	.76	.91	1.00	23.8	7.0	1.54	.78	.93	1.00	22.4	6.6	1.78	.80	.96	1.00
	900	425	26.8	7.9	1.14	.77	.92	1.00	25.6	7.5	1.33	.79	.94	1.00	24.4	7.2	1.54	.81	.97	1.00	23.0	6.7	1.79	.83	1.00	1.00
	1000	470	27.6	8.1	1.15	.80	.95	1.00	26.2	7.7	1.33	.81	.98	1.00	25.0	7.3	1.54	.84	1.00	1.00	23.6	6.9	1.79	.86	1.00	1.00
67°F (19°C)	800	380	28.0	8.2	1.15	.59	.72	.85	26.8	7.9	1.33	.60	.73	.87	25.4	7.4	1.55	.61	.76	.89	24.0	7.0	1.79	.62	.78	.92
	900	425	28.6	8.4	1.15	.60	.75	.88	27.4	8.0	1.34	.62	.76	.91	26.0	7.6	1.55	.63	.78	.93	24.6	7.2	1.79	.64	.80	.96
	1000	470	29.4	8.6	1.16	.62	.77	.92	28.0	8.2	1.34	.63	.79	.94	26.6	7.8	1.55	.64	.81	.97	25.0	7.3	1.80	.66	.84	.99
71°F (22°C)	800	380	29.6	8.7	1.16	.45	.58	.70	28.4	8.3	1.35	.46	.58	.71	27.0	7.9	1.56	.46	.60	.73	25.6	7.5	1.80	.46	.61	.75
	900	425	30.4	8.9	1.17	.46	.59	.72	29.2	8.6	1.35	.46	.60	.74	27.6	8.1	1.56	.47	.61	.76	26.2	7.7	1.80	.47	.63	.78
	1000	470	31.2	9.1	1.17	.47	.61	.75	29.8	8.7	1.35	.47	.62	.76	28.2	8.3	1.56	.47	.63	.78	26.6	7.8	1.81	.48	.65	.81

HSXA19-038 - CH33-36A/B/C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.4	10.1	2.08	.73	.86	.98	32.8	9.6	2.34	.74	.87	1.00	31.0	9.1	2.61	.76	.90	1.00	29.0	8.5	2.93	.78	.92	1.00
	1200	565	35.6	10.4	2.10	.76	.90	1.00	34.0	10.0	2.35	.78	.93	1.00	32.2	9.4	2.62	.80	.95	1.00	30.0	8.8	2.94	.82	.98	1.00
	1400	660	36.8	10.8	2.11	.79	.95	1.00	35.0	10.3	2.36	.81	.97	1.00	33.0	9.7	2.63	.83	1.00	1.00	31.0	9.1	2.95	.86	1.00	1.00
67°F (19°C)	1000	470	36.6	10.7	2.10	.58	.71	.82	34.8	10.2	2.35	.59	.72	.84	32.8	9.6	2.63	.60	.73	.87	31.0	9.1	2.95	.61	.75	.89
	1200	565	37.8	11.1	2.12	.60	.74	.87	36.0	10.6	2.37	.61	.75	.89	34.0	10.0	2.65	.62	.77	.92	32.0	9.4	2.96	.64	.80	.95
	1400	660	39.0	11.4	2.13	.62	.77	.91	37.0	10.8	2.38	.63	.79	.94	35.0	10.3	2.65	.65	.81	.97	32.8	9.6	2.97	.66	.84	1.00
71°F (22°C)	1000	470	38.5	11.3	2.12	.45	.57	.68	36.6	10.7	2.37	.45	.58	.69	34.8	10.2	2.65	.46	.59	.71	32.8	9.6	2.97	.46	.60	.73
	1200	565	40.0	11.7	2.14	.46	.59	.71	38.0	11.1	2.39	.46	.60	.73	36.0	10.6	2.67	.47	.61	.75	33.8	9.9	2.98	.47	.62	.77
	1400	660	41.0	12.0	2.15	.47	.61	.75	39.0	11.4	2.40	.47	.62	.76	37.0	10.8	2.68	.48	.63	.79	34.6	10.1	2.99	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CH23-41 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	25.6	7.5	1.13	.75	.89	1.00	24.4	7.2	1.32	.77	.91	1.00	23.2	6.8	1.53	.78	.93	1.00	22.0	6.4	1.78	.81	.96	1.00
	900	425	26.2	7.7	1.14	.77	.92	1.00	25.2	7.4	1.33	.79	.95	1.00	24.0	7.0	1.54	.81	.97	1.00	22.8	6.7	1.78	.84	.99	1.00
	1000	470	27.0	7.9	1.14	.80	.95	1.00	25.8	7.6	1.33	.82	.97	1.00	24.8	7.3	1.54	.84	.99	1.00	23.6	6.9	1.79	.87	1.00	1.00
67°F (19°C)	800	380	27.6	8.1	1.15	.60	.73	.85	26.4	7.7	1.33	.61	.74	.87	25.0	7.3	1.54	.62	.76	.90	23.6	6.9	1.79	.63	.78	.93
	900	425	28.2	8.3	1.15	.61	.75	.89	27.0	7.9	1.34	.62	.77	.91	25.8	7.6	1.55	.63	.78	.94	24.2	7.1	1.79	.65	.81	.96
	1000	470	29.0	8.5	1.15	.63	.77	.92	27.6	8.1	1.34	.64	.79	.94	26.2	7.7	1.55	.65	.81	.97	24.8	7.3	1.79	.66	.84	.99
71°F (22°C)	800	380	29.4	8.6	1.16	.45	.58	.70	28.2	8.3	1.34	.46	.59	.71	26.8	7.9	1.55	.46	.60	.73	25.4	7.4	1.80	.47	.61	.75
	900	425	30.2	8.9	1.16	.46	.60	.72	29.0	8.5	1.35	.46	.61	.74	27.6	8.1	1.56	.47	.62	.76	26.0	7.6	1.80	.48	.63	.78
	1000	470	31.0	9.1	1.17	.46	.61	.75	29.6	8.7	1.35	.47	.62	.77	28.2	8.3	1.56	.48	.64	.79	26.6	7.8	1.81	.49	.65	.81

HSXA19-038 - CH23-41 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.2	10.0	2.08	.73	.86	.98	32.4	9.5	2.33	.75	.88	.99	30.8	9.0	2.61	.76	.90	1.00	29.0	8.5	2.92	.78	.93	1.00
	1200	565	35.6	10.4	2.09	.77	.91	1.00	33.8	9.9	2.35	.78	.93	1.00	32.0	9.4	2.62	.80	.96	1.00	30.2	8.9	2.94	.83	.98	1.00
	1400	660	36.6	10.7	2.11	.80	.95	1.00	35.0	10.3	2.35	.82	.98	1.00	33.2	9.7	2.64	.84	.99	1.00	31.4	9.2	2.95	.87	1.00	1.00
67°F (19°C)	1000	470	36.4	10.7	2.10	.59	.71	.83	34.8	10.2	2.35	.60	.72	.85	33.0	9.7	2.64	.61	.74	.87	31.0	9.1	2.95	.62	.76	.90
	1200	565	38.0	11.1	2.12	.61	.74	.88	36.2	10.6	2.37	.62	.76	.90	34.2	10.0	2.65	.63	.78	.93	32.0	9.4	2.96	.64	.81	.96
	1400	660	39.0	11.4	2.13	.63	.78	.92	37.0	10.8	2.38	.64	.80	.95	35.0	10.3	2.66	.65	.82	.97	32.8	9.6	2.97	.67	.85	.99
71°F (22°C)	1000	470	38.5	11.3	2.12	.45	.57	.69	37.0	10.8	2.38	.45	.58	.70	35.0	10.3	2.65	.46	.59	.72	33.0	9.7	2.97	.46	.60	.74
	1200	565	40.0	11.7	2.14	.46	.59	.72	38.0	11.1	2.39	.46	.60	.74	36.2	10.6	2.67	.47	.62	.76	34.0	10.0	2.98	.47	.63	.78
	1400	660	41.5	12.2	2.15	.47	.61	.76	39.5	11.6	2.40	.47	.63	.77	37.2	10.9	2.68	.48	.64	.80	34.8	10.2	2.99	.49	.66	.83

HSXA19-038 - CH23-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.4	7.7	1.14	.75	.90	1.00	25.4	7.4	1.33	.77	.92	1.00	24.0	7.0	1.54	.79	.94	1.00	22.8	6.7	1.78	.81	.97	1.00
	900	425	27.2	8.0	1.15	.78	.93	1.00	26.0	7.6	1.33	.80	.95	1.00	24.8	7.3	1.54	.82	.98	1.00	23.4	6.9	1.79	.84	1.00	1.00
	1000	470	27.8	8.1	1.15	.80	.96	1.00	26.6	7.8	1.34	.82	.98	1.00	25.4	7.4	1.55	.85	1.00	1.00	24.2	7.1	1.79	.87	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.15	.60	.73	.86	27.0	7.9	1.34	.60	.74	.88	25.8	7.6	1.55	.61	.76	.90	24.4	7.2	1.80	.63	.78	.93
	900	425	29.2	8.6	1.16	.61	.75	.90	27.8	8.1	1.34	.62	.77	.92	26.4	7.7	1.55	.63	.79	.94	24.8	7.3	1.80	.64	.81	.97
	1000	470	29.8	8.7	1.16	.63	.78	.93	28.4	8.3	1.35	.64	.80	.95	27.0	7.9	1.56	.65	.82	.98	25.4	7.4	1.80	.67	.85	1.00
71°F (22°C)	800	380	30.0	8.8	1.16	.45	.58	.70	28.8	8.4	1.35	.45	.59	.72	27.4	8.0	1.56	.46	.60	.73	25.8	7.6	1.80	.46	.61	.76
	900	425	31.0	9.1	1.17	.45	.59	.73	29.6	8.7	1.35	.46	.61	.74	28.2	8.3	1.56	.47	.62	.76	26.6	7.8	1.81	.47	.63	.79
	1000	470	31.6	9.3	1.17	.46	.61	.75	30.2	8.9	1.36	.47	.62	.77	28.8	8.4	1.57	.47	.63	.79	27.0	7.9	1.81	.48	.65	.82

HSXA19-038 - CH23-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.2	10.3	2.09	.73	.86	.98	33.6	9.8	2.34	.75	.89	1.00	31.6	9.3	2.62	.76	.91	1.00	29.6	8.7	2.93	.79	.94	1.00
	1200	565	36.6	10.7	2.11	.77	.92	1.00	34.8	10.2	2.36	.79	.94	1.00	32.8	9.6	2.63	.81	.96	1.00	30.8	9.0	2.95	.83	.99	1.00
	1400	660	37.6	11.0	2.12	.80	.96	1.00	35.8	10.5	2.37	.82	.98	1.00	34.0	10.0	2.65	.85	1.00	1.00	32.2	9.4	2.96	.88	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.11	.59	.71	.83	35.6	10.4	2.36	.60	.72	.85	33.8	9.9	2.64	.60	.74	.87	31.6	9.3	2.96	.62	.76	.91
	1200	565	39.0	11.4	2.12	.60	.75	.88	37.0	10.8	2.38	.61	.76	.91	34.8	10.2	2.66	.63	.78	.93	32.8	9.6	2.97	.64	.81	.96
	1400	660	40.0	11.7	2.14	.63	.78	.93	38.0	11.1	2.39	.64	.80	.95	35.8	10.5	2.66	.65	.82	.98	33.4	9.8	2.98	.67	.86	1.00
71°F (22°C)	1000	470	39.5	11.6	2.13	.45	.57	.69	37.4	11.0	2.38	.45	.58	.70	35.6	10.4	2.66	.45	.59	.72	33.4	9.8	2.98	.46	.60	.74
	1200	565	41.0	12.0	2.14	.46	.59	.72	39.0	11.4	2.39	.46	.60	.74	36.8	10.8	2.68	.47	.62	.76	34.6	10.1	2.99	.47	.63	.78
	1400	660	42.0	12.3	2.15	.47	.62	.76	40.0	11.7	2.41	.48	.63	.78	37.8	11.1	2.69	.48	.64	.80	35.4	10.4	3.00	.49	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CH33-42B-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.14	.75	.89	1.00	25.6	7.5	1.33	.77	.91	1.00	24.2	7.1	1.54	.78	.94	1.00	23.0	6.7	1.79	.81	.97	1.00
	900	425	27.6	8.1	1.15	.78	.93	1.00	26.4	7.7	1.33	.79	.95	1.00	25.0	7.3	1.54	.81	.97	1.00	23.6	6.9	1.79	.83	1.00	1.00
	1000	470	28.2	8.3	1.15	.80	.96	1.00	27.0	7.9	1.34	.82	.98	1.00	25.6	7.5	1.55	.84	1.00	1.00	24.2	7.1	1.79	.87	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.15	.59	.72	.85	27.4	8.0	1.34	.60	.74	.87	26.0	7.6	1.55	.61	.76	.90	24.6	7.2	1.79	.62	.78	.93
	900	425	29.4	8.6	1.16	.61	.75	.89	28.0	8.2	1.34	.62	.77	.91	26.6	7.8	1.55	.63	.78	.94	25.2	7.4	1.80	.64	.81	.97
	1000	470	30.0	8.8	1.16	.62	.77	.92	28.6	8.4	1.35	.63	.79	.94	27.2	8.0	1.56	.64	.81	.97	25.6	7.5	1.80	.65	.84	1.00
71°F (22°C)	800	380	30.4	8.9	1.16	.45	.57	.70	29.0	8.5	1.35	.45	.58	.71	27.6	8.1	1.56	.46	.59	.73	26.2	7.7	1.81	.46	.61	.75
	900	425	31.2	9.1	1.17	.46	.59	.72	29.8	8.7	1.35	.46	.60	.74	28.4	8.3	1.56	.47	.61	.76	26.8	7.9	1.81	.47	.63	.78
	1000	470	32.0	9.4	1.18	.47	.61	.75	30.4	8.9	1.36	.47	.62	.77	29.0	8.5	1.57	.48	.63	.79	27.2	8.0	1.81	.48	.65	.81

HSXA19-038 - CH33-42B-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.4	10.4	2.09	.73	.86	.98	33.8	9.9	2.34	.74	.88	1.00	31.8	9.3	2.62	.76	.90	1.00	30.0	8.8	2.94	.78	.93	1.00
	1200	565	36.8	10.8	2.11	.76	.91	1.00	35.0	10.3	2.35	.78	.93	1.00	33.2	9.7	2.64	.80	.96	1.00	31.0	9.1	2.95	.82	.99	1.00
	1400	660	37.4	11.0	2.12	.80	.95	1.00	36.0	10.6	2.37	.82	.98	1.00	34.0	10.0	2.64	.84	1.00	1.00	32.0	9.4	2.96	.87	1.00	1.00
67°F (19°C)	1000	470	37.6	11.0	2.11	.58	.70	.82	35.8	10.5	2.36	.59	.72	.84	33.8	9.9	2.64	.60	.73	.87	31.8	9.3	2.96	.61	.76	.89
	1200	565	39.0	11.4	2.13	.60	.74	.87	37.2	10.9	2.38	.61	.76	.90	35.0	10.3	2.65	.63	.78	.92	32.8	9.6	2.97	.64	.80	.95
	1400	660	40.0	11.7	2.14	.62	.78	.92	38.0	11.1	2.39	.64	.79	.94	36.0	10.6	2.67	.65	.82	.97	33.6	9.8	2.98	.66	.84	1.00
71°F (22°C)	1000	470	39.5	11.6	2.13	.45	.57	.68	37.8	11.1	2.38	.46	.57	.70	35.8	10.5	2.66	.46	.58	.71	33.6	9.8	2.98	.46	.60	.73
	1200	565	41.0	12.0	2.15	.46	.59	.71	39.0	11.4	2.40	.46	.60	.73	37.2	10.9	2.68	.47	.61	.75	34.8	10.2	2.99	.47	.63	.77
	1400	660	42.5	12.5	2.16	.47	.61	.75	40.5	11.9	2.41	.47	.62	.77	38.0	11.1	2.69	.48	.64	.79	35.6	10.4	3.00	.49	.65	.82

HSXA19-038 - CH33-48C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.2	8.0	1.14	.76	.90	1.00	26.0	7.6	1.33	.77	.92	1.00	24.6	7.2	1.54	.79	.94	1.00	23.2	6.8	1.79	.81	.97	1.00
	900	425	28.0	8.2	1.15	.78	.93	1.00	26.6	7.8	1.33	.80	.95	1.00	25.2	7.4	1.54	.82	.98	1.00	23.8	7.0	1.79	.84	1.00	1.00
	1000	470	28.6	8.4	1.15	.80	.96	1.00	27.2	8.0	1.34	.82	.99	1.00	25.8	7.6	1.55	.84	1.00	1.00	24.6	7.2	1.80	.88	1.00	1.00
67°F (19°C)	800	380	29.0	8.5	1.16	.60	.73	.86	27.6	8.1	1.34	.61	.74	.88	26.2	7.7	1.55	.62	.76	.90	24.8	7.3	1.80	.63	.78	.93
	900	425	29.8	8.7	1.16	.61	.76	.89	28.4	8.3	1.35	.62	.77	.92	27.0	7.9	1.56	.63	.79	.94	25.4	7.4	1.80	.64	.81	.97
	1000	470	30.4	8.9	1.17	.63	.78	.93	29.0	8.5	1.35	.64	.79	.95	27.4	8.0	1.56	.65	.82	.98	25.8	7.6	1.80	.67	.84	1.00
71°F (22°C)	800	380	30.8	9.0	1.17	.45	.58	.70	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.61	.76
	900	425	31.6	9.3	1.17	.46	.60	.73	30.2	8.9	1.36	.47	.61	.75	28.8	8.4	1.57	.47	.62	.76	27.0	7.9	1.81	.47	.63	.78
	1000	470	32.4	9.5	1.18	.47	.61	.75	30.8	9.0	1.36	.47	.62	.77	29.2	8.6	1.57	.48	.63	.79	27.6	8.1	1.81	.48	.65	.82

HSXA19-038 - CH33-48C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.0	10.6	2.10	.73	.86	.98	34.2	10.0	2.35	.75	.88	1.00	32.4	9.5	2.63	.76	.91	1.00	30.4	8.9	2.94	.79	.94	1.00
	1200	565	37.4	11.0	2.11	.77	.91	1.00	35.6	10.4	2.36	.78	.94	1.00	33.6	9.8	2.64	.80	.96	1.00	31.6	9.3	2.95	.83	.99	1.00
	1400	660	38.5	11.3	2.12	.80	.96	1.00	36.8	10.8	2.37	.82	.98	1.00	34.6	10.1	2.65	.84	1.00	1.00	32.8	9.6	2.97	.87	1.00	1.00
67°F (19°C)	1000	470	38.0	11.1	2.12	.58	.71	.83	36.4	10.7	2.37	.59	.72	.84	34.4	10.1	2.65	.60	.74	.87	32.4	9.5	2.96	.62	.76	.90
	1200	565	39.5	11.6	2.13	.61	.74	.88	37.8	11.1	2.38	.62	.76	.90	35.6	10.4	2.66	.63	.78	.93	33.4	9.8	2.98	.64	.80	.96
	1400	660	41.0	12.0	2.14	.63	.78	.93	39.0	11.4	2.39	.64	.80	.95	36.6	10.7	2.67	.65	.82	.98	34.2	10.0	2.99	.66	.85	1.00
71°F (22°C)	1000	470	40.0	11.7	2.14	.45	.57	.69	38.5	11.3	2.39	.45	.58	.70	36.4	10.7	2.67	.45	.58	.71	34.2	10.0	2.98	.46	.60	.73
	1200	565	42.0	12.3	2.15	.46	.59	.72	40.0	11.7	2.41	.46	.60	.74	37.6	11.0	2.68	.47	.62	.76	35.2	10.3	3.00	.47	.62	.77
	1400	660	43.0	12.6	2.16	.47	.61	.76	41.0	12.0	2.41	.47	.63	.78	38.5	11.3	2.69	.48	.64	.79	36.2	10.6	3.01	.48	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CB30U-31 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.14	.76	.91	1.00	25.6	7.5	1.33	.78	.93	1.00	24.2	7.1	1.54	.79	.95	1.00	22.8	6.7	1.79	.82	.98	1.00
	900	425	27.4	8.0	1.14	.79	.94	1.00	26.2	7.7	1.33	.81	.97	1.00	25.0	7.3	1.54	.83	.99	1.00	23.6	6.9	1.79	.85	1.00	1.00
	1000	470	28.2	8.3	1.15	.82	.98	1.00	26.8	7.9	1.33	.83	.99	1.00	25.6	7.5	1.55	.86	1.00	1.00	24.2	7.1	1.79	.88	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.15	.60	.73	.87	27.2	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.4	7.2	1.79	.63	.79	.94
	900	425	29.2	8.6	1.16	.62	.77	.91	28.0	8.2	1.34	.63	.78	.93	26.6	7.8	1.55	.64	.80	.96	25.0	7.3	1.80	.65	.82	.98
	1000	470	30.0	8.8	1.16	.63	.79	.94	28.6	8.4	1.35	.64	.81	.96	27.0	7.9	1.56	.66	.83	.99	25.4	7.4	1.80	.67	.86	1.00
71°F (22°C)	800	380	30.2	8.9	1.16	.46	.58	.71	29.0	8.5	1.35	.46	.59	.72	27.4	8.0	1.56	.46	.60	.74	26.0	7.6	1.80	.47	.62	.77
	900	425	31.0	9.1	1.17	.46	.60	.74	29.6	8.7	1.35	.47	.61	.75	28.2	8.3	1.56	.47	.63	.77	26.6	7.8	1.81	.48	.64	.80
	1000	470	31.6	9.3	1.17	.47	.62	.77	30.2	8.9	1.36	.47	.63	.78	28.8	8.4	1.57	.48	.64	.80	27.0	7.9	1.81	.49	.66	.83

HSXA19-038 - CB30U-31 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.2	10.3	2.09	.74	.87	.99	33.4	9.8	2.34	.76	.90	1.00	31.6	9.3	2.62	.77	.92	1.00	29.6	8.7	2.93	.80	.95	1.00
	1200	565	36.4	10.7	2.10	.78	.93	1.00	34.6	10.1	2.35	.80	.95	1.00	32.8	9.6	2.63	.82	.98	1.00	30.8	9.0	2.95	.84	1.00	1.00
	1400	660	37.6	11.0	2.11	.82	.97	1.00	35.8	10.5	2.36	.84	.99	1.00	33.8	9.9	2.64	.86	1.00	1.00	32.0	9.4	2.96	.89	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.11	.59	.71	.84	35.4	10.4	2.36	.60	.73	.86	33.6	9.8	2.64	.61	.75	.89	31.6	9.3	2.95	.62	.77	.92
	1200	565	38.5	11.3	2.12	.61	.76	.89	36.8	10.8	2.37	.62	.77	.92	34.8	10.2	2.65	.64	.79	.95	32.6	9.6	2.97	.65	.82	.97
	1400	660	39.5	11.6	2.13	.63	.79	.95	37.8	11.1	2.38	.65	.81	.97	35.6	10.4	2.66	.66	.84	.99	33.2	9.7	2.97	.68	.87	1.00
71°F (22°C)	1000	470	39.0	11.4	2.13	.45	.58	.69	37.4	11.0	2.38	.46	.58	.71	35.4	10.4	2.66	.46	.59	.73	33.2	9.7	2.97	.46	.61	.75
	1200	565	40.5	11.9	2.14	.46	.60	.73	38.5	11.3	2.39	.47	.61	.75	36.6	10.7	2.67	.47	.62	.77	34.4	10.1	2.99	.48	.64	.80
	1400	660	42.0	12.3	2.15	.47	.62	.77	39.5	11.6	2.40	.48	.64	.79	37.6	11.0	2.68	.48	.65	.82	35.2	10.3	3.00	.49	.67	.84

HSXA19-038 - CB30M-31 - CBX32M-030 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.14	.76	.91	1.00	25.6	7.5	1.33	.78	.93	1.00	24.2	7.1	1.54	.79	.95	1.00	22.8	6.7	1.79	.82	.98	1.00
	900	425	27.6	8.1	1.15	.79	.94	1.00	26.2	7.7	1.33	.81	.97	1.00	25.0	7.3	1.54	.83	.99	1.00	23.6	6.9	1.79	.85	1.00	1.00
	1000	470	28.2	8.3	1.15	.82	.98	1.00	27.0	7.9	1.34	.84	.99	1.00	25.6	7.5	1.55	.86	1.00	1.00	24.4	7.2	1.79	.89	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.15	.60	.74	.87	27.4	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.4	7.2	1.80	.63	.79	.95
	900	425	29.4	8.6	1.16	.62	.77	.91	28.0	8.2	1.34	.63	.78	.93	26.6	7.8	1.55	.64	.80	.96	25.0	7.3	1.80	.65	.83	.98
	1000	470	30.0	8.8	1.16	.63	.79	.94	28.6	8.4	1.35	.64	.81	.97	27.0	7.9	1.56	.66	.83	.99	25.4	7.4	1.80	.67	.86	1.00
71°F (22°C)	800	380	30.2	8.9	1.16	.45	.58	.71	29.0	8.5	1.35	.46	.60	.73	27.6	8.1	1.56	.46	.60	.74	26.0	7.6	1.80	.47	.62	.76
	900	425	31.0	9.1	1.17	.46	.60	.74	29.6	8.7	1.35	.47	.61	.76	28.2	8.3	1.56	.47	.63	.78	26.6	7.8	1.81	.48	.64	.80
	1000	470	31.8	9.3	1.17	.47	.62	.76	30.4	8.9	1.36	.47	.63	.78	28.8	8.4	1.57	.48	.64	.81	27.2	8.0	1.81	.49	.66	.84

HSXA19-038 - CB30M-31 - CBX32M-030 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.2	10.3	2.09	.74	.88	.99	33.4	9.8	2.34	.76	.90	1.00	31.6	9.3	2.62	.78	.92	1.00	29.6	8.7	2.93	.80	.95	1.00
	1200	565	36.6	10.7	2.10	.78	.93	1.00	34.8	10.2	2.35	.80	.95	1.00	32.8	9.6	2.63	.82	.98	1.00	30.8	9.0	2.95	.85	1.00	1.00
	1400	660	37.6	11.0	2.11	.82	.97	1.00	35.8	10.5	2.36	.84	.99	1.00	34.0	10.0	2.65	.86	1.00	1.00	32.0	9.4	2.96	.89	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.11	.59	.72	.84	35.4	10.4	2.36	.60	.73	.86	33.6	9.8	2.64	.61	.75	.89	31.6	9.3	2.95	.62	.77	.92
	1200	565	38.5	11.3	2.12	.61	.76	.90	36.8	10.8	2.37	.62	.77	.92	34.8	10.2	2.65	.64	.80	.95	32.6	9.6	2.97	.65	.82	.98
	1400	660	40.0	11.7	2.13	.64	.80	.95	37.8	11.1	2.38	.65	.82	.97	35.6	10.4	2.66	.66	.84	.99	33.4	9.8	2.97	.68	.87	1.00
71°F (22°C)	1000	470	39.0	11.4	2.13	.45	.58	.69	37.4	11.0	2.38	.45	.59	.71	35.4	10.4	2.66	.46	.59	.73	33.4	9.8	2.97	.46	.61	.75
	1200	565	40.5	11.9	2.14	.46	.60	.73	39.0	11.4	2.39	.47	.61	.75	36.6	10.7	2.67	.47	.62	.77	34.4	10.1	2.99	.48	.64	.80
	1400	660	42.0	12.3	2.15	.47	.62	.77	40.0	11.7	2.40	.48	.64	.79	37.6	11.0	2.68	.48	.65	.82	35.2	10.3	3.00	.49	.67	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CB30U-41/46 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.14	.77	.91	1.00	25.8	7.6	1.33	.78	.93	1.00	24.4	7.2	1.54	.80	.95	1.00	23.0	6.7	1.79	.82	.98	1.00
	900	425	27.6	8.1	1.15	.79	.95	1.00	26.4	7.7	1.33	.81	.97	1.00	25.2	7.4	1.54	.83	.99	1.00	23.6	6.9	1.79	.86	1.00	1.00
	1000	470	28.2	8.3	1.15	.82	.98	1.00	27.0	7.9	1.34	.84	.99	1.00	25.8	7.6	1.55	.86	1.00	1.00	24.4	7.2	1.79	.89	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.15	.60	.74	.87	27.4	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.6	7.2	1.80	.63	.79	.95
	900	425	29.4	8.6	1.16	.62	.76	.91	28.2	8.3	1.34	.63	.78	.93	26.8	7.9	1.56	.64	.80	.96	25.2	7.4	1.80	.65	.83	.98
	1000	470	30.2	8.9	1.16	.63	.79	.95	28.8	8.4	1.35	.65	.81	.97	27.2	8.0	1.56	.66	.83	.99	25.6	7.5	1.80	.67	.86	1.00
71°F (22°C)	800	380	30.4	8.9	1.17	.46	.58	.71	29.0	8.5	1.35	.46	.60	.73	27.6	8.1	1.56	.46	.61	.75	26.0	7.6	1.81	.47	.62	.77
	900	425	31.2	9.1	1.17	.46	.60	.74	29.8	8.7	1.35	.46	.61	.76	28.4	8.3	1.57	.47	.63	.78	26.8	7.9	1.81	.48	.64	.80
	1000	470	32.0	9.4	1.18	.47	.62	.77	30.4	8.9	1.36	.48	.63	.79	29.0	8.5	1.57	.48	.65	.81	27.2	8.0	1.81	.49	.66	.83

HSXA19-038 - CB30U-41/46 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.4	10.4	2.09	.74	.88	.99	33.6	9.8	2.34	.76	.90	1.00	31.8	9.3	2.62	.78	.93	1.00	29.8	8.7	2.93	.80	.96	1.00
	1200	565	36.6	10.7	2.10	.78	.93	1.00	34.8	10.2	2.36	.80	.96	1.00	33.0	9.7	2.63	.82	.98	1.00	31.0	9.1	2.95	.85	1.00	1.00
	1400	660	37.8	11.1	2.12	.82	.98	1.00	36.0	10.6	2.37	.84	.99	1.00	34.2	10.0	2.65	.87	1.00	1.00	32.2	9.4	2.96	.90	1.00	1.00
67°F (19°C)	1000	470	37.4	11.0	2.11	.59	.72	.84	35.6	10.4	2.36	.60	.73	.86	33.8	9.9	2.64	.61	.75	.89	31.6	9.3	2.95	.62	.77	.92
	1200	565	39.0	11.4	2.13	.61	.76	.90	37.0	10.8	2.38	.63	.78	.92	35.0	10.3	2.65	.64	.80	.95	32.8	9.6	2.97	.65	.82	.98
	1400	660	40.0	11.7	2.13	.64	.80	.95	38.0	11.1	2.39	.65	.82	.97	35.8	10.5	2.66	.66	.84	.99	33.6	9.8	2.98	.68	.87	1.00
71°F (22°C)	1000	470	39.5	11.6	2.13	.45	.58	.69	37.6	11.0	2.38	.46	.59	.71	35.6	10.4	2.66	.46	.60	.73	33.4	9.8	2.98	.46	.61	.75
	1200	565	41.0	12.0	2.15	.47	.60	.73	39.0	11.4	2.40	.47	.61	.75	36.8	10.8	2.67	.47	.63	.77	34.6	10.1	2.99	.48	.64	.80
	1400	660	42.0	12.3	2.16	.47	.63	.77	40.0	11.7	2.41	.48	.64	.80	37.8	11.1	2.68	.48	.65	.82	35.4	10.4	3.00	.49	.67	.85

HSXA19-038 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.0	7.9	1.14	.77	.91	1.00	25.8	7.6	1.33	.78	.93	1.00	24.4	7.2	1.54	.80	.96	1.00	23.0	6.7	1.79	.82	.98	1.00
	900	425	27.8	8.1	1.15	.79	.95	1.00	26.4	7.7	1.33	.81	.97	1.00	25.2	7.4	1.54	.83	.99	1.00	23.8	7.0	1.79	.86	1.00	1.00
	1000	470	28.4	8.3	1.15	.82	.98	1.00	27.0	7.9	1.34	.84	1.00	1.00	25.8	7.6	1.55	.86	1.00	1.00	24.4	7.2	1.79	.89	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.15	.60	.74	.87	27.4	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.6	7.2	1.80	.63	.79	.95
	900	425	29.4	8.6	1.16	.62	.77	.91	28.2	8.3	1.34	.63	.78	.93	26.8	7.9	1.55	.64	.80	.96	25.2	7.4	1.80	.65	.83	.99
	1000	470	30.2	8.9	1.16	.64	.79	.95	28.8	8.4	1.35	.65	.81	.97	27.2	8.0	1.56	.66	.83	.99	25.6	7.5	1.80	.67	.86	1.00
71°F (22°C)	800	380	30.4	8.9	1.17	.45	.58	.71	29.0	8.5	1.35	.46	.60	.73	27.6	8.1	1.56	.46	.60	.75	26.2	7.7	1.81	.47	.62	.77
	900	425	31.2	9.1	1.17	.46	.60	.74	29.8	8.7	1.35	.47	.61	.76	28.4	8.3	1.57	.47	.63	.78	26.8	7.9	1.81	.48	.64	.80
	1000	470	32.0	9.4	1.18	.47	.62	.77	30.6	9.0	1.36	.48	.63	.79	29.0	8.5	1.57	.48	.65	.81	27.2	8.0	1.81	.49	.66	.83

HSXA19-038 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.4	10.4	2.09	.74	.88	1.00	33.6	9.8	2.34	.76	.90	1.00	31.8	9.3	2.62	.78	.93	1.00	29.8	8.7	2.93	.80	.96	1.00
	1200	565	36.6	10.7	2.10	.78	.94	1.00	35.0	10.3	2.36	.80	.96	1.00	33.0	9.7	2.63	.82	.98	1.00	31.0	9.1	2.95	.85	1.00	1.00
	1400	660	38.0	11.1	2.12	.82	.98	1.00	36.0	10.6	2.37	.84	1.00	1.00	34.2	10.0	2.65	.87	1.00	1.00	32.2	9.4	2.96	.90	1.00	1.00
67°F (19°C)	1000	470	37.6	11.0	2.11	.59	.72	.85	35.6	10.4	2.36	.60	.74	.87	33.8	9.9	2.64	.61	.75	.89	31.6	9.3	2.96	.62	.78	.92
	1200	565	39.0	11.4	2.13	.61	.76	.90	37.0	10.8	2.38	.62	.78	.93	35.0	10.3	2.65	.64	.80	.96	32.8	9.6	2.97	.65	.83	.98
	1400	660	40.0	11.7	2.14	.64	.80	.95	38.0	11.1	2.39	.65	.82	.97	35.8	10.5	2.67	.67	.85	.99	33.6	9.8	2.98	.68	.88	1.00
71°F (22°C)	1000	470	39.5	11.6	2.13	.45	.58	.69	37.6	11.0	2.38	.45	.59	.71	35.6	10.4	2.66	.46	.60	.73	33.4	9.8	2.98	.46	.61	.75
	1200	565	41.0	12.0	2.15	.46	.60	.74	39.0	11.4	2.40	.46	.61	.75	36.8	10.8	2.67	.47	.62	.78	34.6	10.1	2.99	.48	.64	.80
	1400	660	42.0	12.3	2.16	.47	.63	.78	40.0	11.7	2.41	.47	.64	.80	37.8	11.1	2.69	.48	.65	.82	35.4	10.4	3.00	.49	.67	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CBX32MV-024/030 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	26.8	7.9	1.14	.76	.91	1.00	25.6	7.5	1.33	.78	.93	1.00	24.2	7.1	1.54	.79	.95	1.00	22.8	6.7	1.79	.82	.98	1.00
	900	425	27.6	8.1	1.15	.79	.94	1.00	26.2	7.7	1.33	.81	.97	1.00	25.0	7.3	1.54	.83	.99	1.00	23.6	6.9	1.79	.85	1.00	1.00
	1000	470	28.2	8.3	1.15	.82	.98	1.00	27.0	7.9	1.34	.84	.99	1.00	25.6	7.5	1.55	.86	1.00	1.00	24.4	7.2	1.79	.89	1.00	1.00
67°F (19°C)	800	380	28.6	8.4	1.15	.60	.74	.87	27.4	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.4	7.2	1.80	.63	.79	.95
	900	425	29.4	8.6	1.16	.62	.77	.91	28.0	8.2	1.34	.63	.78	.93	26.6	7.8	1.55	.64	.80	.96	25.0	7.3	1.80	.65	.83	.98
	1000	470	30.0	8.8	1.16	.63	.79	.94	28.6	8.4	1.35	.64	.81	.97	27.0	7.9	1.56	.66	.83	.99	25.4	7.4	1.80	.67	.86	1.00
71°F (22°C)	800	380	30.2	8.9	1.16	.45	.58	.71	29.0	8.5	1.35	.46	.60	.73	27.6	8.1	1.56	.46	.60	.74	26.0	7.6	1.80	.47	.62	.76
	900	425	31.0	9.1	1.17	.46	.60	.74	29.6	8.7	1.35	.47	.61	.76	28.2	8.3	1.56	.47	.63	.78	26.6	7.8	1.81	.48	.64	.80
	1000	470	31.8	9.3	1.17	.47	.62	.76	30.4	8.9	1.36	.47	.63	.78	28.8	8.4	1.57	.48	.64	.81	27.2	8.0	1.81	.49	.66	.84

HSXA19-038 - CBX32MV-024/030 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.8	10.5	2.10	.76	.90	1.00	34.2	10.0	2.35	.78	.93	1.00	32.2	9.4	2.63	.80	.95	1.00	30.2	8.9	2.94	.82	.98	1.00
	1200	565	36.6	10.7	2.10	.78	.93	1.00	34.8	10.2	2.35	.80	.95	1.00	32.8	9.6	2.63	.82	.98	1.00	30.8	9.0	2.95	.85	1.00	1.00
	1320	625	37.2	10.9	2.11	.80	.96	1.00	35.4	10.4	2.36	.82	.98	1.00	33.6	9.8	2.64	.85	1.00	1.00	31.6	9.3	2.96	.87	1.00	1.00
67°F (19°C)	1100	520	38.0	11.1	2.12	.60	.74	.87	36.2	10.6	2.37	.61	.75	.89	34.2	10.0	2.65	.62	.77	.92	32.0	9.4	2.96	.64	.80	.95
	1200	565	38.5	11.3	2.12	.61	.76	.90	36.8	10.8	2.37	.62	.77	.92	34.8	10.2	2.65	.64	.80	.95	32.6	9.6	2.97	.65	.82	.98
	1320	625	39.5	11.6	2.13	.63	.78	.93	37.4	11.0	2.38	.64	.80	.95	35.4	10.4	2.66	.65	.82	.98	33.0	9.7	2.97	.67	.85	1.00
71°F (22°C)	1100	520	40.0	11.7	2.14	.46	.59	.71	38.0	11.1	2.39	.46	.60	.73	36.2	10.6	2.67	.47	.61	.75	33.8	9.9	2.98	.47	.62	.77
	1200	565	40.5	11.9	2.14	.46	.60	.73	39.0	11.4	2.39	.47	.61	.75	36.6	10.7	2.67	.47	.62	.77	34.4	10.1	2.99	.48	.64	.80
	1320	625	41.5	12.2	2.15	.47	.61	.76	39.5	11.6	2.40	.47	.63	.78	37.2	10.9	2.68	.48	.64	.80	35.0	10.3	2.99	.49	.66	.83

HSXA19-038 - CB31MV-41 - CBX32MV-036 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	795	375	26.8	7.9	1.14	.76	.91	1.00	25.6	7.5	1.33	.78	.93	1.00	24.4	7.2	1.54	.80	.95	1.00	23.0	6.7	1.79	.82	.98	1.00
	855	405	27.4	8.0	1.14	.78	.93	1.00	26.2	7.7	1.33	.79	.95	1.00	24.8	7.3	1.54	.82	.98	1.00	23.4	6.9	1.79	.84	1.00	1.00
	900	425	27.8	8.1	1.15	.79	.95	1.00	26.4	7.7	1.33	.81	.97	1.00	25.2	7.4	1.54	.83	.99	1.00	23.8	7.0	1.79	.86	1.00	1.00
67°F (19°C)	795	375	28.6	8.4	1.15	.60	.74	.87	27.4	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.92	24.6	7.2	1.80	.63	.79	.95
	855	405	29.2	8.6	1.16	.61	.76	.89	27.8	8.1	1.34	.62	.77	.92	26.4	7.7	1.55	.63	.79	.94	25.0	7.3	1.80	.64	.81	.97
	900	425	29.4	8.6	1.16	.62	.77	.91	28.2	8.3	1.34	.63	.78	.93	26.8	7.9	1.55	.64	.80	.96	25.2	7.4	1.80	.65	.83	.99
71°F (22°C)	795	375	30.4	8.9	1.17	.45	.58	.71	29.0	8.5	1.35	.46	.59	.73	27.6	8.1	1.56	.46	.60	.74	26.0	7.6	1.81	.47	.62	.76
	855	405	31.0	9.1	1.17	.46	.60	.73	29.6	8.7	1.35	.46	.60	.74	28.2	8.3	1.56	.47	.62	.76	26.4	7.7	1.81	.47	.63	.79
	900	425	31.2	9.1	1.17	.46	.60	.74	29.8	8.7	1.35	.47	.61	.76	28.4	8.3	1.57	.47	.63	.78	26.8	7.9	1.81	.48	.64	.80

HSXA19-038 - CB31MV-41 - CBX32MV-036 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1135	535	36.4	10.7	2.10	.77	.92	1.00	34.6	10.1	2.35	.79	.94	1.00	32.6	9.6	2.63	.81	.97	1.00	30.6	9.0	2.94	.83	.99	1.00
	1225	580	37.0	10.8	2.11	.79	.94	1.00	35.0	10.3	2.36	.81	.96	1.00	33.2	9.7	2.64	.83	.98	1.00	31.2	9.1	2.95	.86	1.00	1.00
	1275	600	37.2	10.9	2.11	.80	.95	1.00	35.4	10.4	2.36	.82	.98	1.00	33.4	9.8	2.64	.84	.99	1.00	31.6	9.3	2.95	.87	1.00	1.00
67°F (19°C)	1135	535	38.5	11.3	2.12	.61	.75	.88	36.6	10.7	2.37	.62	.76	.91	34.6	10.1	2.65	.63	.79	.94	32.4	9.5	2.97	.64	.81	.97
	1225	580	39.0	11.4	2.13	.62	.76	.91	37.2	10.9	2.38	.63	.78	.93	35.2	10.3	2.66	.64	.81	.96	32.8	9.6	2.97	.66	.83	.99
	1275	600	39.5	11.6	2.13	.62	.78	.92	37.4	11.0	2.38	.63	.79	.95	35.4	10.4	2.66	.65	.82	.97	33.0	9.7	2.97	.67	.84	1.00
71°F (22°C)	1135	535	40.5	11.9	2.14	.46	.59	.72	38.5	11.3	2.39	.46	.60	.74	36.6	10.7	2.67	.47	.62	.76	34.2	10.0	2.99	.47	.63	.79
	1225	580	41.0	12.0	2.15	.46	.60	.74	39.0	11.4	2.40	.47	.62	.76	37.0	10.8	2.68	.47	.63	.78	34.8	10.2	2.99	.48	.65	.81
	1275	600	41.5	12.2	2.15	.46	.61	.75	39.5	11.6	2.40	.47	.62	.77	37.2	10.9	2.68	.47	.64	.79	35.0	10.3	2.99	.48	.65	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CB30M-51 - CB30U-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.6	8.1	1.15	.76	.91	1.00	26.2	7.7	1.33	.78	.93	1.00	24.8	7.3	1.54	.80	.96	1.00	23.6	6.9	1.79	.82	.99	1.00
	900	425	28.2	8.3	1.15	.79	.95	1.00	27.0	7.9	1.34	.81	.97	1.00	25.6	7.5	1.55	.83	.99	1.00	24.4	7.2	1.79	.86	1.00	1.00
	1000	470	29.0	8.5	1.16	.82	.98	1.00	27.6	8.1	1.34	.84	1.00	1.00	26.4	7.7	1.55	.86	1.00	1.00	25.2	7.4	1.80	.89	1.00	1.00
67°F (19°C)	800	380	29.4	8.6	1.16	.60	.74	.87	28.0	8.2	1.34	.61	.75	.90	26.6	7.8	1.55	.62	.77	.92	25.0	7.3	1.80	.63	.79	.95
	900	425	30.2	8.9	1.16	.62	.77	.91	28.8	8.4	1.35	.63	.78	.94	27.2	8.0	1.56	.64	.80	.96	25.6	7.5	1.80	.65	.83	.99
	1000	470	30.8	9.0	1.17	.63	.79	.95	29.4	8.6	1.35	.64	.81	.97	27.8	8.1	1.56	.66	.84	1.00	26.2	7.7	1.81	.67	.87	1.00
71°F (22°C)	800	380	31.0	9.1	1.17	.45	.58	.71	29.6	8.7	1.35	.46	.59	.73	28.2	8.3	1.56	.46	.61	.74	26.6	7.8	1.81	.46	.62	.77
	900	425	32.0	9.4	1.18	.46	.60	.74	30.6	9.0	1.36	.46	.61	.76	29.0	8.5	1.57	.47	.63	.78	27.2	8.0	1.81	.47	.64	.80
	1000	470	32.6	9.6	1.18	.47	.62	.77	31.2	9.1	1.36	.47	.63	.78	29.6	8.7	1.57	.47	.64	.81	27.8	8.1	1.81	.49	.66	.84

HSXA19-038 - CB30M-51 - CB30U-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.4	10.7	2.10	.74	.88	1.00	34.6	10.1	2.35	.76	.90	1.00	32.8	9.6	2.63	.78	.93	1.00	30.6	9.0	2.95	.80	.96	1.00
	1200	565	37.8	11.1	2.12	.78	.94	1.00	36.0	10.6	2.37	.80	.96	1.00	34.0	10.0	2.64	.82	.98	1.00	32.0	9.4	2.96	.85	1.00	1.00
	1400	660	39.0	11.4	2.13	.82	.98	1.00	37.2	10.9	2.38	.84	1.00	1.00	35.4	10.4	2.66	.87	1.00	1.00	33.4	9.8	2.98	.90	1.00	1.00
67°F (19°C)	1000	470	38.5	11.3	2.12	.59	.72	.84	36.8	10.8	2.37	.60	.73	.87	34.8	10.2	2.65	.61	.75	.89	32.6	9.6	2.97	.62	.77	.92
	1200	565	40.0	11.7	2.14	.61	.76	.90	38.0	11.1	2.39	.62	.78	.93	36.0	10.6	2.67	.64	.80	.96	33.6	9.8	2.98	.65	.83	.98
	1400	660	41.5	12.2	2.15	.64	.80	.96	39.0	11.4	2.40	.65	.82	.98	36.8	10.8	2.67	.66	.85	1.00	34.6	10.1	2.99	.69	.88	1.00
71°F (22°C)	1000	470	40.5	11.9	2.14	.45	.57	.69	39.0	11.4	2.39	.45	.58	.71	36.6	10.7	2.67	.46	.59	.73	34.4	10.1	2.99	.46	.61	.75
	1200	565	42.5	12.5	2.16	.46	.60	.74	40.0	11.7	2.41	.46	.61	.75	38.0	11.1	2.69	.47	.62	.78	35.6	10.4	3.00	.48	.64	.80
	1400	660	43.5	12.7	2.17	.47	.63	.78	41.5	12.2	2.42	.48	.64	.80	39.0	11.4	2.70	.48	.66	.82	36.6	10.7	3.01	.49	.67	.85

HSXA19-038 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	835	395	27.8	8.1	1.15	.78	.93	1.00	26.6	7.8	1.33	.79	.95	1.00	25.2	7.4	1.54	.81	.97	1.00	23.8	7.0	1.79	.83	1.00	1.00
	840	395	27.8	8.1	1.15	.78	.93	1.00	26.6	7.8	1.33	.79	.95	1.00	25.2	7.4	1.54	.81	.97	1.00	23.8	7.0	1.79	.83	1.00	1.00
	960	455	28.6	8.4	1.15	.81	.97	1.00	27.4	8.0	1.34	.83	.99	1.00	26.2	7.7	1.55	.85	1.00	1.00	24.8	7.3	1.79	.88	1.00	1.00
67°F (19°C)	835	395	29.6	8.7	1.16	.60	.75	.89	28.4	8.3	1.35	.62	.76	.91	26.8	7.9	1.56	.63	.78	.94	25.2	7.4	1.80	.64	.81	.97
	840	395	29.6	8.7	1.16	.61	.75	.89	28.4	8.3	1.35	.62	.77	.91	26.8	7.9	1.56	.63	.78	.94	25.4	7.4	1.80	.64	.81	.97
	960	455	30.6	9.0	1.17	.63	.78	.94	29.2	8.6	1.35	.64	.80	.96	27.6	8.1	1.56	.65	.82	.98	26.0	7.6	1.80	.67	.85	1.00
71°F (22°C)	835	395	31.4	9.2	1.17	.45	.59	.72	30.0	8.8	1.36	.46	.60	.74	28.6	8.4	1.57	.46	.61	.76	27.0	7.9	1.81	.47	.63	.78
	840	395	31.4	9.2	1.17	.45	.59	.72	30.0	8.8	1.36	.46	.60	.74	28.6	8.4	1.57	.46	.61	.76	27.0	7.9	1.81	.47	.63	.78
	960	455	32.4	9.5	1.18	.46	.61	.76	31.0	9.1	1.36	.47	.62	.78	29.4	8.6	1.57	.47	.64	.80	27.6	8.1	1.81	.48	.66	.82

HSXA19-038 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	37.8	11.1	2.12	.78	.94	1.00	36.0	10.6	2.37	.80	.96	1.00	34.0	10.0	2.64	.82	.98	1.00	32.0	9.4	2.96	.85	1.00	1.00
	1205	570	38.0	11.1	2.12	.78	.94	1.00	36.0	10.6	2.37	.80	.96	1.00	34.0	10.0	2.64	.82	.99	1.00	32.0	9.4	2.96	.85	1.00	1.00
	1380	650	39.0	11.4	2.13	.82	.98	1.00	37.2	10.9	2.38	.84	1.00	1.00	35.2	10.3	2.66	.86	1.00	1.00	33.2	9.7	2.98	.90	1.00	1.00
67°F (19°C)	1200	565	40.0	11.7	2.14	.61	.76	.90	38.0	11.1	2.39	.62	.78	.93	36.0	10.6	2.67	.64	.80	.96	33.6	9.8	2.98	.65	.83	.98
	1205	570	40.0	11.7	2.14	.61	.76	.90	38.0	11.1	2.39	.63	.78	.93	36.0	10.6	2.67	.64	.80	.96	33.6	9.8	2.98	.65	.83	.99
	1380	650	41.0	12.0	2.15	.64	.80	.95	39.0	11.4	2.40	.65	.82	.97	36.8	10.8	2.67	.66	.84	1.00	34.4	10.1	2.99	.68	.87	1.00
71°F (22°C)	1200	565	42.5	12.5	2.16	.46	.60	.74	40.0	11.7	2.41	.46	.61	.75	38.0	11.1	2.69	.47	.62	.78	35.6	10.4	3.00	.48	.64	.80
	1205	570	42.5	12.5	2.16	.46	.60	.74	40.5	11.9	2.41	.46	.61	.76	38.0	11.1	2.69	.47	.63	.78	35.6	10.4	3.00	.48	.64	.80
	1380	650	43.5	12.7	2.17	.47	.62	.77	41.5	12.2	2.42	.47	.64	.79	39.0	11.4	2.70	.48	.65	.82	36.4	10.7	3.01	.49	.67	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-36B with G61MPV-36B - CX34-36B-6F with G61MPV-36B - C33-42B with G61MPV-36B CX34-42B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.4	7.2	1.13	.72	.83	.95	23.4	6.9	1.32	.73	.85	.96	22.2	6.5	1.53	.74	.87	.98	21.0	6.2	1.77	.75	.89	1.00
	750	355	26.0	7.6	1.13	.75	.89	1.00	24.8	7.3	1.32	.77	.91	1.00	23.6	6.9	1.54	.78	.93	1.00	22.2	6.5	1.78	.80	.96	1.00
	830	390	26.6	7.8	1.14	.77	.92	1.00	25.4	7.4	1.33	.79	.94	1.00	24.2	7.1	1.54	.81	.96	1.00	23.0	6.7	1.79	.83	.99	1.00
67°F (19°C)	595	280	25.6	7.5	1.13	.58	.69	.80	24.6	7.2	1.32	.58	.70	.81	23.4	6.9	1.54	.59	.71	.83	22.2	6.5	1.78	.60	.73	.85
	750	355	27.4	8.0	1.14	.60	.73	.85	26.4	7.7	1.33	.61	.74	.87	25.0	7.3	1.54	.62	.76	.89	23.6	6.9	1.79	.63	.78	.92
	830	390	28.2	8.3	1.15	.61	.75	.88	27.0	7.9	1.34	.62	.76	.90	25.6	7.5	1.55	.63	.78	.93	24.2	7.1	1.79	.64	.80	.96
71°F (22°C)	595	280	26.8	7.9	1.14	.45	.56	.66	25.8	7.6	1.33	.45	.57	.67	24.6	7.2	1.54	.45	.57	.69	23.4	6.9	1.79	.46	.58	.70
	750	355	28.8	8.4	1.15	.45	.58	.70	27.6	8.1	1.34	.46	.59	.71	26.2	7.7	1.55	.46	.60	.73	24.8	7.3	1.80	.47	.61	.75
	830	390	29.6	8.7	1.16	.46	.60	.72	28.4	8.3	1.34	.46	.60	.74	27.0	7.9	1.56	.47	.62	.75	25.6	7.5	1.80	.47	.63	.78

HSXA19-038 - C33-36B with G61MPV-36B - CX34-36B-6F with G61MPV-36B - C33-42B with G61MPV-36B CX34-42B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	34.4	10.1	2.09	.74	.86	.98	32.8	9.6	2.34	.75	.89	1.00	31.0	9.1	2.61	.77	.91	1.00	29.2	8.6	2.93	.79	.94	1.00
	1185	560	36.0	10.6	2.10	.77	.92	1.00	34.2	10.0	2.35	.79	.94	1.00	32.4	9.5	2.63	.81	.97	1.00	30.4	8.9	2.94	.83	.99	1.00
	1440	680	37.4	11.0	2.11	.81	.97	1.00	35.6	10.4	2.36	.84	.99	1.00	33.8	9.9	2.64	.86	1.00	1.00	31.8	9.3	2.96	.89	1.00	1.00
67°F (19°C)	975	460	36.2	10.6	2.10	.59	.71	.83	34.6	10.1	2.35	.60	.73	.85	32.8	9.6	2.63	.61	.74	.88	30.8	9.0	2.95	.62	.76	.90
	1185	560	37.8	11.1	2.12	.61	.75	.88	36.0	10.6	2.37	.62	.77	.91	34.2	10.0	2.65	.63	.79	.94	32.0	9.4	2.96	.65	.81	.97
	1440	680	39.0	11.4	2.13	.64	.79	.94	37.4	11.0	2.38	.65	.81	.97	35.2	10.3	2.66	.66	.84	.99	33.0	9.7	2.97	.68	.87	1.00
71°F (22°C)	975	460	37.8	11.1	2.12	.46	.58	.69	36.0	10.6	2.37	.46	.58	.70	34.2	10.0	2.65	.46	.59	.72	32.2	9.4	2.96	.46	.61	.74
	1185	560	39.5	11.6	2.13	.46	.60	.73	37.6	11.0	2.38	.47	.61	.74	35.8	10.5	2.66	.47	.62	.76	33.6	9.8	2.98	.48	.64	.79
	1440	680	41.0	12.0	2.15	.48	.63	.77	39.0	11.4	2.40	.48	.64	.79	37.0	10.8	2.68	.49	.65	.81	34.8	10.2	2.99	.49	.67	.84

HSXA19-038 - C33-48B with G61MPV-36B - CX34-44/48B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.8	7.3	1.13	.70	.82	.93	23.8	7.0	1.32	.71	.84	.95	22.6	6.6	1.53	.73	.85	.98	21.4	6.3	1.78	.74	.88	1.00
	750	355	26.4	7.7	1.14	.74	.87	.99	25.2	7.4	1.33	.75	.89	1.00	24.0	7.0	1.54	.77	.92	1.00	22.6	6.6	1.78	.79	.94	1.00
	830	390	27.0	7.9	1.14	.76	.90	1.00	25.8	7.6	1.33	.78	.92	1.00	24.6	7.2	1.54	.79	.95	1.00	23.2	6.8	1.79	.82	.98	1.00
67°F (19°C)	595	280	26.4	7.7	1.14	.57	.68	.78	25.4	7.4	1.33	.57	.69	.80	24.2	7.1	1.54	.58	.70	.81	22.8	6.7	1.79	.59	.71	.84
	750	355	28.2	8.3	1.15	.59	.71	.84	27.0	7.9	1.34	.60	.73	.85	25.6	7.5	1.55	.60	.74	.88	24.2	7.1	1.79	.62	.76	.90
	830	390	28.8	8.4	1.15	.60	.73	.86	27.6	8.1	1.34	.61	.75	.88	26.2	7.7	1.55	.62	.77	.91	24.6	7.2	1.80	.63	.79	.94
71°F (22°C)	595	280	28.0	8.2	1.15	.45	.55	.65	27.0	7.9	1.33	.45	.56	.66	25.6	7.5	1.55	.45	.56	.67	24.4	7.2	1.79	.45	.57	.68
	750	355	30.0	8.8	1.16	.45	.57	.69	28.6	8.4	1.35	.45	.58	.70	27.2	8.0	1.56	.46	.59	.72	25.8	7.6	1.80	.46	.60	.73
	830	390	30.8	9.0	1.17	.46	.58	.71	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.62	.76

HSXA19-038 - C33-48B with G61MPV-36B - CX34-44/48B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.4	10.4	2.09	.73	.85	.97	33.6	9.8	2.34	.74	.87	.99	31.8	9.3	2.62	.75	.89	1.00	30.0	8.8	2.93	.78	.92	1.00
	1185	560	37.0	10.8	2.11	.75	.90	1.00	35.2	10.3	2.36	.78	.92	1.00	33.2	9.7	2.64	.80	.95	1.00	31.2	9.1	2.95	.82	.98	1.00
	1440	680	38.5	11.3	2.12	.80	.96	1.00	36.4	10.7	2.37	.82	.98	1.00	34.4	10.1	2.65	.84	1.00	1.00	32.6	9.6	2.97	.87	1.00	1.00
67°F (19°C)	975	460	37.4	11.0	2.11	.58	.70	.82	35.8	10.5	2.36	.59	.71	.83	33.8	9.9	2.64	.59	.73	.86	31.8	9.3	2.96	.61	.75	.89
	1185	560	39.0	11.4	2.13	.61	.73	.86	37.2	10.9	2.38	.61	.75	.89	35.2	10.3	2.66	.62	.77	.92	33.0	9.7	2.97	.64	.80	.95
	1440	680	40.5	11.9	2.14	.63	.77	.93	38.5	11.3	2.39	.64	.80	.95	36.4	10.7	2.67	.65	.82	.98	34.0	10.0	2.98	.67	.85	1.00
71°F (22°C)	975	460	39.5	11.6	2.13	.45	.57	.68	37.6	11.0	2.38	.45	.57	.69	35.8	10.5	2.66	.46	.58	.70	33.6	9.8	2.98	.46	.59	.72
	1185	560	41.5	12.2	2.15	.46	.59	.71	39.0	11.4	2.40	.46	.60	.73	37.2	10.9	2.68	.47	.61	.75	34.8	10.2	2.99	.47	.62	.77
	1440	680	42.5	12.5	2.16	.47	.62	.75	40.5	11.9	2.41	.47	.63	.77	38.5	11.3	2.69	.48	.63	.80	36.0	10.6	3.01	.48	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-38B with G61MPV-36B - CX34-38B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	25.0	7.3	1.13	.71	.83	.94	24.0	7.0	1.32	.72	.84	.96	22.8	6.7	1.53	.73	.86	.98	21.6	6.3	1.78	.75	.88	1.00
	750	355	26.6	7.8	1.14	.75	.88	1.00	25.6	7.5	1.33	.76	.90	1.00	24.2	7.1	1.54	.78	.93	1.00	22.8	6.7	1.79	.80	.96	1.00
	830	390	27.4	8.0	1.15	.77	.91	1.00	26.2	7.7	1.33	.79	.94	1.00	24.8	7.3	1.54	.80	.96	1.00	23.4	6.9	1.79	.83	.99	1.00
67°F (19°C)	595	280	26.8	7.9	1.14	.57	.68	.79	25.6	7.5	1.33	.58	.69	.81	24.4	7.2	1.54	.58	.70	.82	23.0	6.7	1.79	.59	.72	.84
	750	355	28.6	8.4	1.15	.59	.72	.85	27.2	8.0	1.34	.60	.73	.87	26.0	7.6	1.55	.61	.75	.89	24.4	7.2	1.79	.62	.77	.92
	830	390	29.2	8.6	1.16	.60	.74	.88	27.8	8.1	1.34	.61	.76	.90	26.6	7.8	1.55	.63	.78	.92	25.0	7.3	1.80	.64	.80	.95
71°F (22°C)	595	280	28.4	8.3	1.15	.44	.55	.65	27.2	8.0	1.34	.45	.56	.67	26.0	7.6	1.55	.45	.56	.67	24.6	7.2	1.79	.45	.57	.69
	750	355	30.2	8.9	1.16	.45	.57	.69	29.0	8.5	1.35	.45	.58	.71	27.6	8.1	1.56	.46	.59	.72	26.0	7.6	1.80	.46	.61	.74
	830	390	31.0	9.1	1.17	.46	.59	.72	29.6	8.7	1.35	.46	.60	.73	28.2	8.3	1.56	.46	.61	.75	26.6	7.8	1.81	.47	.62	.77

HSXA19-038 - C33-38B with G61MPV-36B - CX34-38B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.8	10.5	2.10	.73	.86	.98	34.0	10.0	2.35	.74	.88	1.00	32.2	9.4	2.62	.76	.91	1.00	30.2	8.9	2.94	.79	.94	1.00
	1185	560	37.2	10.9	2.11	.77	.92	1.00	35.4	10.4	2.36	.79	.94	1.00	33.6	9.8	2.64	.81	.97	1.00	31.4	9.2	2.95	.83	1.00	1.00
	1440	680	39.0	11.4	2.12	.82	.98	1.00	36.8	10.8	2.38	.84	1.00	1.00	35.0	10.3	2.65	.86	1.00	1.00	33.0	9.7	2.97	.89	1.00	1.00
67°F (19°C)	975	460	37.8	11.1	2.12	.58	.71	.83	36.0	10.6	2.37	.59	.72	.85	34.2	10.0	2.65	.60	.74	.87	32.0	9.4	2.96	.61	.76	.90
	1185	560	39.5	11.6	2.13	.60	.75	.88	37.6	11.0	2.38	.62	.77	.91	35.4	10.4	2.66	.63	.78	.94	33.2	9.7	2.97	.64	.81	.97
	1440	680	41.0	12.0	2.14	.64	.80	.95	39.0	11.4	2.39	.65	.82	.97	36.6	10.7	2.67	.66	.84	1.00	34.2	10.0	2.99	.68	.87	1.00
71°F (22°C)	975	460	40.0	11.7	2.14	.45	.57	.68	38.0	11.1	2.39	.46	.58	.70	36.0	10.6	2.67	.45	.58	.71	33.8	9.9	2.98	.46	.60	.74
	1185	560	41.5	12.2	2.15	.46	.59	.72	39.5	11.6	2.40	.46	.60	.74	37.4	11.0	2.68	.47	.62	.76	35.2	10.3	3.00	.47	.63	.79
	1440	680	43.0	12.6	2.17	.47	.62	.77	41.0	12.0	2.42	.48	.64	.80	38.5	11.3	2.69	.48	.65	.82	36.2	10.6	3.01	.49	.67	.85

HSXA19-038 - C33-50/60C with G61MPV-36C-090 - CX34-50/60C-6F with G61MPV-36C-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	700	330	26.2	7.7	1.14	.73	.86	.98	25.0	7.3	1.32	.74	.88	1.00	23.8	7.0	1.54	.76	.90	1.00	22.4	6.6	1.78	.78	.93	1.00
	855	405	27.6	8.1	1.15	.77	.91	1.00	26.2	7.7	1.33	.79	.94	1.00	25.0	7.3	1.54	.80	.96	1.00	23.6	6.9	1.79	.83	.99	1.00
	935	440	28.2	8.3	1.15	.79	.94	1.00	26.8	7.9	1.34	.81	.97	1.00	25.4	7.4	1.55	.83	.99	1.00	24.0	7.0	1.79	.85	1.00	1.00
67°F (19°C)	700	330	28.0	8.2	1.15	.58	.70	.82	26.8	7.9	1.34	.59	.72	.84	25.4	7.4	1.55	.60	.73	.86	24.0	7.0	1.79	.61	.75	.89
	855	405	29.4	8.6	1.16	.61	.74	.88	28.0	8.2	1.34	.62	.76	.90	26.6	7.8	1.55	.63	.78	.93	25.2	7.4	1.80	.64	.80	.96
	935	440	30.0	8.8	1.16	.62	.76	.91	28.6	8.4	1.35	.63	.78	.93	27.2	8.0	1.56	.64	.80	.96	25.4	7.4	1.80	.65	.82	.98
71°F (22°C)	700	330	29.6	8.7	1.16	.45	.56	.68	28.4	8.3	1.35	.45	.57	.69	27.0	7.9	1.56	.45	.58	.71	25.6	7.5	1.80	.46	.60	.72
	855	405	31.2	9.1	1.17	.46	.59	.72	29.8	8.7	1.35	.46	.60	.73	28.4	8.3	1.56	.47	.61	.75	26.8	7.9	1.81	.47	.62	.77
	935	440	31.8	9.3	1.17	.47	.60	.74	30.4	8.9	1.36	.47	.61	.76	28.8	8.4	1.57	.47	.62	.77	27.2	8.0	1.81	.47	.64	.80

HSXA19-038 - C33-50/60C with G61MPV-36C-090 - CX34-50/60C-6F with G61MPV-36C-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1020	480	36.2	10.6	2.10	.74	.87	.99	34.4	10.1	2.35	.74	.89	1.00	32.6	9.6	2.63	.77	.91	1.00	30.6	9.0	2.94	.79	.94	1.00
	1230	580	37.6	11.0	2.11	.77	.92	1.00	35.8	10.5	2.36	.79	.94	1.00	33.8	9.9	2.64	.81	.97	1.00	31.6	9.3	2.96	.83	1.00	1.00
	1485	700	39.0	11.4	2.13	.82	.98	1.00	37.0	10.8	2.38	.83	1.00	1.00	35.2	10.3	2.66	.86	1.00	1.00	33.2	9.7	2.97	.89	1.00	1.00
67°F (19°C)	1020	480	38.5	11.3	2.12	.59	.72	.83	36.4	10.7	2.37	.59	.72	.85	34.4	10.1	2.65	.60	.74	.88	32.4	9.5	2.97	.62	.76	.91
	1230	580	39.5	11.6	2.13	.61	.75	.89	37.8	11.1	2.38	.62	.76	.91	35.6	10.4	2.66	.63	.79	.94	33.4	9.8	2.98	.64	.81	.97
	1485	700	41.0	12.0	2.15	.63	.79	.94	39.0	11.4	2.40	.64	.81	.97	36.8	10.8	2.67	.66	.84	1.00	34.4	10.1	2.99	.68	.87	1.00
71°F (22°C)	1020	480	40.5	11.9	2.14	.45	.57	.69	38.5	11.3	2.39	.45	.58	.70	36.4	10.7	2.67	.45	.59	.72	34.2	10.0	2.98	.46	.60	.74
	1230	580	42.0	12.3	2.15	.46	.59	.73	40.0	11.7	2.41	.47	.61	.74	37.8	11.1	2.69	.47	.62	.76	35.4	10.4	3.00	.48	.63	.78
	1485	700	43.5	12.7	2.17	.47	.62	.77	41.0	12.0	2.42	.48	.63	.79	39.0	11.4	2.70	.48	.65	.81	36.4	10.7	3.01	.49	.67	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-36A/B with G60UHV-36A/B - CX34-36A/B-6F with G60UHV-36A/B - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	25.8	7.6	1.13	.74	.88	.99	24.6	7.2	1.32	.76	.90	1.00	23.4	6.9	1.53	.77	.92	1.00	22.0	6.4	1.78	.79	.95	1.00
	845	400	26.8	7.9	1.14	.78	.92	1.00	25.6	7.5	1.33	.79	.94	1.00	24.4	7.2	1.54	.81	.97	1.00	23.0	6.7	1.79	.83	.99	1.00
	975	460	27.6	8.1	1.15	.81	.96	1.00	26.4	7.7	1.33	.82	.98	1.00	25.2	7.4	1.54	.84	1.00	1.00	23.8	7.0	1.79	.87	1.00	1.00
67°F (19°C)	720	340	27.2	8.0	1.14	.59	.72	.84	26.0	7.6	1.33	.60	.73	.86	24.8	7.3	1.54	.61	.75	.88	23.4	6.9	1.79	.62	.77	.91
	845	400	28.4	8.3	1.15	.61	.75	.88	27.0	7.9	1.34	.62	.77	.91	25.8	7.6	1.55	.63	.78	.93	24.4	7.2	1.79	.64	.81	.96
	975	460	29.2	8.6	1.16	.63	.78	.93	28.0	8.2	1.34	.64	.80	.95	26.6	7.8	1.55	.65	.82	.98	25.0	7.3	1.80	.67	.84	1.00
71°F (22°C)	720	340	28.4	8.3	1.15	.46	.58	.69	27.2	8.0	1.34	.46	.59	.71	26.0	7.6	1.55	.46	.60	.72	24.6	7.2	1.80	.47	.61	.74
	845	400	29.6	8.7	1.16	.46	.60	.73	28.4	8.3	1.35	.47	.61	.74	27.0	7.9	1.56	.47	.62	.76	25.6	7.5	1.80	.48	.63	.78
	975	460	30.8	9.0	1.17	.47	.62	.76	29.4	8.6	1.35	.47	.63	.77	28.0	8.2	1.56	.48	.64	.79	26.4	7.7	1.81	.49	.66	.82

HSXA19-038 - C33-36A/B with G60UHV-36A/B - CX34-36A/B-6F with G60UHV-36A/B - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	35.0	10.3	2.09	.75	.88	1.00	33.4	9.8	2.34	.76	.91	1.00	31.6	9.3	2.62	.78	.93	1.00	29.6	8.7	2.93	.80	.96	1.00
	1210	570	36.2	10.6	2.10	.78	.92	1.00	34.4	10.1	2.35	.79	.95	1.00	32.6	9.6	2.63	.81	.97	1.00	30.6	9.0	2.94	.84	1.00	1.00
	1220	575	36.0	10.6	2.10	.78	.93	1.00	34.4	10.1	2.35	.80	.95	1.00	32.6	9.6	2.63	.82	.98	1.00	30.6	9.0	2.94	.84	1.00	1.00
67°F (19°C)	1050	495	36.8	10.8	2.11	.60	.73	.85	35.2	10.3	2.36	.61	.74	.87	33.2	9.7	2.63	.62	.76	.90	31.2	9.1	2.95	.63	.78	.93
	1210	570	38.0	11.1	2.12	.61	.75	.89	36.2	10.6	2.37	.62	.77	.91	34.2	10.0	2.65	.64	.79	.94	32.2	9.4	2.96	.65	.82	.97
	1220	575	38.0	11.1	2.12	.62	.76	.89	36.2	10.6	2.37	.63	.77	.92	34.4	10.1	2.65	.64	.79	.95	32.2	9.4	2.96	.65	.82	.97
71°F (22°C)	1050	495	38.5	11.3	2.12	.46	.58	.70	36.8	10.8	2.37	.46	.59	.72	34.8	10.2	2.65	.47	.60	.74	32.8	9.6	2.97	.47	.62	.76
	1210	570	40.0	11.7	2.13	.47	.60	.73	37.8	11.1	2.38	.47	.61	.75	35.8	10.5	2.66	.48	.63	.77	33.8	9.9	2.98	.48	.64	.79
	1220	575	40.0	11.7	2.13	.47	.60	.73	38.0	11.1	2.39	.47	.61	.75	36.0	10.6	2.66	.48	.63	.77	33.8	9.9	2.98	.48	.64	.80

HSXA19-038 - C33-48B with G60UHV-36B-090 - CX34-44/48B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.2	7.7	1.14	.73	.86	.99	25.0	7.3	1.32	.75	.88	1.00	23.8	7.0	1.54	.76	.90	1.00	22.4	6.6	1.78	.78	.93	1.00
	845	400	27.2	8.0	1.14	.77	.91	1.00	26.0	7.6	1.33	.78	.93	1.00	24.6	7.2	1.54	.80	.95	1.00	23.2	6.8	1.79	.82	.98	1.00
	975	460	28.0	8.2	1.15	.79	.95	1.00	26.8	7.9	1.34	.81	.97	1.00	25.4	7.4	1.55	.83	.99	1.00	24.0	7.0	1.79	.86	1.00	1.00
67°F (19°C)	720	340	27.8	8.1	1.15	.58	.71	.83	26.6	7.8	1.33	.59	.72	.84	25.4	7.4	1.55	.60	.74	.87	24.0	7.0	1.79	.61	.75	.89
	845	400	29.0	8.5	1.16	.60	.74	.87	27.6	8.1	1.34	.61	.75	.89	26.2	7.7	1.55	.62	.77	.92	24.8	7.3	1.80	.63	.79	.95
	975	460	29.8	8.7	1.16	.62	.77	.91	28.6	8.4	1.35	.63	.79	.94	27.0	7.9	1.56	.64	.81	.96	25.4	7.4	1.80	.65	.83	.99
71°F (22°C)	720	340	29.6	8.7	1.16	.45	.57	.68	28.4	8.3	1.35	.45	.57	.69	27.0	7.9	1.56	.46	.58	.71	25.4	7.4	1.80	.46	.59	.73
	845	400	30.8	9.0	1.17	.46	.59	.71	29.4	8.6	1.35	.46	.60	.73	28.0	8.2	1.56	.47	.61	.74	26.4	7.7	1.81	.47	.62	.77
	975	460	31.8	9.3	1.17	.47	.61	.74	30.4	8.9	1.36	.47	.62	.76	28.8	8.4	1.57	.47	.63	.78	27.2	8.0	1.81	.48	.64	.80

HSXA19-038 - C33-48B with G60UHV-36B-090 - CX34-44/48B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	36.0	10.6	2.10	.74	.87	.99	34.2	10.0	2.35	.75	.89	1.00	32.4	9.5	2.63	.77	.91	1.00	30.4	8.9	2.94	.79	.94	1.00
	1210	570	37.2	10.9	2.11	.76	.91	1.00	35.4	10.4	2.36	.78	.93	1.00	33.4	9.8	2.64	.80	.96	1.00	31.2	9.1	2.95	.83	.99	1.00
	1220	575	37.2	10.9	2.11	.77	.91	1.00	35.4	10.4	2.36	.78	.93	1.00	33.4	9.8	2.64	.80	.96	1.00	31.2	9.1	2.95	.83	.99	1.00
67°F (19°C)	1050	495	38.0	11.1	2.12	.59	.72	.83	36.2	10.6	2.37	.60	.72	.85	34.4	10.1	2.65	.61	.74	.88	32.2	9.4	2.96	.62	.77	.91
	1210	570	39.0	11.4	2.13	.60	.73	.87	37.2	10.9	2.38	.61	.75	.90	35.2	10.3	2.66	.63	.77	.92	33.0	9.7	2.97	.64	.80	.95
	1220	575	39.5	11.6	2.13	.60	.74	.88	37.4	11.0	2.38	.62	.76	.90	35.4	10.4	2.66	.63	.78	.93	33.0	9.7	2.97	.64	.80	.96
71°F (22°C)	1050	495	40.0	11.7	2.14	.46	.57	.69	38.5	11.3	2.39	.46	.59	.71	36.2	10.6	2.67	.46	.59	.72	34.0	10.0	2.98	.47	.61	.74
	1210	570	41.5	12.2	2.15	.46	.59	.71	39.5	11.6	2.40	.46	.60	.73	37.2	10.9	2.68	.47	.61	.76	35.0	10.3	2.99	.47	.63	.77
	1220	575	41.5	12.2	2.15	.46	.60	.71	39.5	11.6	2.40	.46	.60	.73	37.4	11.0	2.68	.47	.61	.76	35.0	10.3	2.99	.47	.63	.77

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - C33-38A/B with G60UHV-36A/B - CX34-38A/B-6F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.4	7.7	1.14	.74	.87	.99	25.2	7.4	1.33	.75	.89	1.00	24.0	7.0	1.54	.77	.92	1.00	22.6	6.6	1.78	.79	.94	1.00
	845	400	27.6	8.1	1.15	.77	.92	1.00	26.2	7.7	1.33	.79	.94	1.00	25.0	7.3	1.54	.81	.97	1.00	23.6	6.9	1.79	.83	.99	1.00
	975	460	28.4	8.3	1.15	.80	.96	1.00	27.2	8.0	1.34	.82	.99	1.00	25.8	7.6	1.55	.84	1.00	1.00	24.4	7.2	1.80	.87	1.00	1.00
67°F (19°C)	720	340	28.2	8.3	1.15	.58	.71	.83	27.0	7.9	1.34	.60	.73	.85	25.6	7.5	1.55	.60	.74	.88	24.2	7.1	1.79	.62	.76	.90
	845	400	29.4	8.6	1.16	.61	.75	.88	28.0	8.2	1.34	.62	.76	.90	26.6	7.8	1.55	.63	.78	.93	25.0	7.3	1.80	.64	.80	.96
	975	460	30.2	8.9	1.16	.63	.78	.93	28.8	8.4	1.35	.64	.80	.95	27.4	8.0	1.56	.65	.82	.98	25.8	7.6	1.80	.66	.85	1.00
71°F (22°C)	720	340	30.0	8.8	1.16	.45	.57	.69	28.6	8.4	1.35	.45	.57	.70	27.2	8.0	1.56	.46	.59	.71	25.8	7.6	1.80	.46	.60	.74
	845	400	31.2	9.1	1.17	.46	.59	.72	29.8	8.7	1.35	.46	.60	.74	28.4	8.3	1.56	.47	.61	.75	26.8	7.9	1.81	.47	.63	.78
	975	460	32.2	9.4	1.18	.47	.61	.75	30.6	9.0	1.36	.47	.62	.77	29.0	8.5	1.57	.48	.64	.79	27.4	8.0	1.81	.48	.65	.81

HSXA19-038 - C33-38A/B with G60UHV-36A/B - CX34-38A/B-6F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	36.4	10.7	2.10	.75	.88	1.00	34.6	10.1	2.35	.76	.90	1.00	32.6	9.6	2.63	.78	.93	1.00	30.6	9.0	2.95	.80	.96	1.00
	1210	570	37.4	11.0	2.11	.78	.92	1.00	35.6	10.4	2.36	.79	.95	1.00	33.6	9.8	2.64	.82	.98	1.00	31.6	9.3	2.95	.84	1.00	1.00
	1220	575	37.4	11.0	2.11	.78	.93	1.00	35.6	10.4	2.36	.80	.95	1.00	33.8	9.9	2.64	.82	.98	1.00	31.6	9.3	2.95	.84	1.00	1.00
67°F (19°C)	1050	495	38.5	11.3	2.12	.59	.72	.85	36.6	10.7	2.37	.60	.74	.87	34.6	10.1	2.65	.61	.76	.90	32.4	9.5	2.96	.63	.78	.93
	1210	570	39.5	11.6	2.13	.61	.75	.89	37.6	11.0	2.38	.62	.77	.91	35.6	10.4	2.66	.63	.79	.94	33.2	9.7	2.97	.65	.82	.98
	1220	575	39.5	11.6	2.13	.61	.75	.89	37.8	11.1	2.38	.62	.77	.92	35.6	10.4	2.66	.63	.79	.95	33.4	9.8	2.98	.65	.82	.98
71°F (22°C)	1050	495	40.5	11.9	2.14	.46	.58	.70	38.5	11.3	2.39	.45	.58	.71	36.6	10.7	2.67	.46	.60	.73	34.4	10.1	2.99	.47	.61	.75
	1210	570	42.0	12.3	2.15	.46	.59	.73	40.0	11.7	2.40	.47	.61	.75	37.6	11.0	2.68	.47	.62	.77	35.2	10.3	3.00	.48	.64	.79
	1220	575	42.0	12.3	2.15	.46	.59	.73	40.0	11.7	2.40	.47	.61	.75	37.6	11.0	2.68	.47	.62	.77	35.2	10.3	3.00	.48	.64	.79

HSXA19-038 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.4	7.7	1.14	.74	.87	.99	25.2	7.4	1.33	.75	.89	1.00	24.0	7.0	1.54	.77	.91	1.00	22.6	6.6	1.78	.79	.94	1.00
	855	405	27.4	8.0	1.15	.77	.91	1.00	26.2	7.7	1.33	.79	.94	1.00	25.0	7.3	1.54	.80	.96	1.00	23.6	6.9	1.79	.83	.99	1.00
	955	450	28.2	8.3	1.15	.79	.95	1.00	27.0	7.9	1.34	.81	.97	1.00	25.6	7.5	1.55	.83	1.00	1.00	24.2	7.1	1.79	.86	1.00	1.00
67°F (19°C)	720	340	28.2	8.3	1.15	.58	.71	.83	27.0	7.9	1.34	.59	.72	.85	25.6	7.5	1.55	.60	.74	.87	24.2	7.1	1.79	.61	.76	.90
	855	405	29.4	8.6	1.16	.61	.74	.88	28.0	8.2	1.34	.62	.76	.90	26.6	7.8	1.55	.63	.78	.93	25.0	7.3	1.80	.64	.80	.95
	955	450	30.0	8.8	1.16	.62	.77	.91	28.6	8.4	1.35	.63	.78	.94	27.2	8.0	1.56	.64	.80	.96	25.6	7.5	1.80	.65	.83	.99
71°F (22°C)	720	340	29.8	8.7	1.16	.45	.57	.68	28.6	8.4	1.35	.45	.57	.69	27.2	8.0	1.56	.46	.59	.71	25.8	7.6	1.80	.46	.60	.73
	855	405	31.2	9.1	1.17	.46	.59	.72	29.8	8.7	1.36	.46	.60	.73	28.4	8.3	1.56	.47	.61	.75	26.8	7.9	1.81	.47	.62	.77
	955	450	32.0	9.4	1.18	.47	.61	.74	30.6	9.0	1.36	.47	.62	.76	29.0	8.5	1.57	.47	.63	.78	27.4	8.0	1.81	.48	.64	.80

HSXA19-038 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	36.4	10.7	2.10	.74	.87	.99	34.6	10.1	2.35	.76	.89	1.00	32.6	9.6	2.63	.78	.92	1.00	30.8	9.0	2.95	.80	.95	1.00
	1220	575	37.6	11.0	2.11	.77	.92	1.00	35.8	10.5	2.36	.79	.94	1.00	33.8	9.9	2.64	.81	.97	1.00	31.6	9.3	2.95	.83	1.00	1.00
	1335	630	38.5	11.3	2.12	.79	.94	1.00	36.4	10.7	2.37	.81	.97	1.00	34.4	10.1	2.65	.83	.99	1.00	32.2	9.4	2.96	.86	1.00	1.00
67°F (19°C)	1050	495	38.5	11.3	2.12	.59	.72	.84	36.6	10.7	2.37	.60	.73	.86	34.6	10.1	2.65	.61	.75	.89	32.4	9.5	2.96	.62	.77	.92
	1220	575	39.5	11.6	2.13	.61	.75	.88	37.8	11.1	2.38	.62	.76	.91	35.6	10.4	2.66	.63	.78	.93	33.4	9.8	2.98	.64	.81	.96
	1335	630	40.5	11.9	2.14	.62	.77	.91	38.5	11.3	2.39	.63	.79	.94	36.2	10.6	2.67	.64	.81	.96	34.0	10.0	2.98	.66	.83	.99
71°F (22°C)	1050	495	40.5	11.9	2.14	.45	.57	.70	38.5	11.3	2.39	.45	.58	.70	36.6	10.7	2.67	.46	.59	.73	34.4	10.1	2.99	.47	.61	.75
	1220	575	42.0	12.3	2.15	.46	.59	.72	40.0	11.7	2.41	.46	.61	.74	37.8	11.1	2.69	.47	.62	.76	35.4	10.4	3.00	.48	.63	.79
	1335	630	42.5	12.5	2.16	.46	.61	.74	40.5	11.9	2.41	.47	.62	.76	38.0	11.1	2.69	.48	.62	.78	35.8	10.5	3.00	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CR26-48N-F with G60DFV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	795	375	26.2	7.7	1.14	.75	.89	1.00	25.2	7.4	1.33	.77	.91	1.00	24.0	7.0	1.54	.78	.93	1.00	22.6	6.6	1.78	.80	.96	1.00
	845	400	26.6	7.8	1.14	.76	.90	1.00	25.4	7.4	1.33	.78	.93	1.00	24.2	7.1	1.54	.80	.95	1.00	22.8	6.7	1.78	.82	.98	1.00
	940	445	27.2	8.0	1.14	.78	.93	1.00	26.0	7.6	1.33	.80	.96	1.00	24.8	7.3	1.54	.82	.98	1.00	23.6	6.9	1.79	.85	1.00	1.00
67°F (19°C)	795	375	28.0	8.2	1.15	.60	.73	.85	26.8	7.9	1.34	.61	.74	.87	25.6	7.5	1.55	.62	.76	.89	24.2	7.1	1.79	.63	.78	.92
	845	400	28.4	8.3	1.15	.60	.74	.87	27.2	8.0	1.34	.61	.75	.89	26.0	7.6	1.55	.62	.77	.91	24.4	7.2	1.80	.64	.79	.95
	940	445	29.0	8.5	1.16	.62	.76	.90	27.8	8.1	1.34	.63	.77	.92	26.4	7.7	1.55	.64	.79	.95	25.0	7.3	1.80	.65	.82	.98
71°F (22°C)	795	375	29.8	8.7	1.16	.45	.58	.70	28.6	8.4	1.35	.45	.59	.71	27.2	8.0	1.56	.46	.60	.73	25.8	7.6	1.80	.46	.61	.75
	845	400	30.2	8.9	1.16	.45	.59	.71	29.0	8.5	1.35	.46	.60	.73	27.6	8.1	1.56	.46	.61	.74	26.0	7.6	1.80	.47	.62	.76
	940	445	30.8	9.0	1.17	.46	.60	.73	29.6	8.7	1.35	.46	.61	.75	28.2	8.3	1.56	.47	.62	.77	26.6	7.8	1.81	.47	.64	.79

HSXA19-038 - CR26-48N-F with G60DFV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1110	525	35.6	10.4	2.10	.75	.88	1.00	33.8	9.9	2.35	.76	.90	1.00	32.0	9.4	2.62	.78	.93	1.00	30.0	8.8	2.94	.80	.96	1.00
	1210	570	36.2	10.6	2.10	.76	.91	1.00	34.4	10.1	2.35	.78	.93	1.00	32.6	9.6	2.63	.80	.95	1.00	30.4	8.9	2.94	.82	.98	1.00
	1335	630	36.8	10.8	2.11	.78	.93	1.00	35.0	10.3	2.36	.80	.96	1.00	33.0	9.7	2.63	.82	.98	1.00	31.2	9.1	2.95	.85	1.00	1.00
67°F (19°C)	1110	525	37.6	11.0	2.11	.60	.73	.85	36.0	10.6	2.37	.61	.74	.87	34.0	10.0	2.64	.62	.76	.89	31.8	9.3	2.96	.63	.78	.92
	1210	570	38.5	11.3	2.12	.61	.74	.87	36.4	10.7	2.37	.62	.76	.89	34.4	10.1	2.65	.63	.78	.92	32.4	9.5	2.96	.64	.80	.95
	1335	630	39.0	11.4	2.13	.62	.76	.90	37.0	10.8	2.38	.63	.78	.92	35.0	10.3	2.66	.64	.80	.95	32.8	9.6	2.97	.66	.82	.98
71°F (22°C)	1110	525	40.0	11.7	2.13	.45	.58	.70	37.8	11.1	2.38	.45	.59	.72	36.0	10.6	2.67	.46	.60	.73	33.8	9.9	2.98	.46	.62	.75
	1210	570	40.5	11.9	2.14	.46	.60	.72	38.5	11.3	2.39	.46	.61	.73	36.4	10.7	2.67	.47	.62	.75	34.2	10.0	2.98	.47	.63	.77
	1335	630	41.0	12.0	2.15	.46	.61	.74	39.0	11.4	2.40	.47	.62	.76	37.0	10.8	2.68	.48	.63	.77	34.8	10.2	2.99	.48	.65	.80

HSXA19-038 - CR26-36W-F with G60DFV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	765	360	26.4	7.7	1.14	.75	.89	1.00	25.2	7.4	1.33	.76	.91	1.00	24.0	7.0	1.54	.78	.93	1.00	22.6	6.6	1.79	.80	.96	1.00
	845	400	27.2	8.0	1.14	.77	.92	1.00	26.0	7.6	1.33	.79	.94	1.00	24.6	7.2	1.54	.81	.97	1.00	23.2	6.8	1.79	.83	.99	1.00
	935	440	27.8	8.1	1.15	.80	.95	1.00	26.6	7.8	1.33	.81	.97	1.00	25.2	7.4	1.54	.83	.99	1.00	23.8	7.0	1.79	.86	1.00	1.00
67°F (19°C)	765	360	28.2	8.3	1.15	.59	.72	.85	26.8	7.9	1.33	.60	.74	.87	25.6	7.5	1.55	.61	.75	.90	24.2	7.1	1.79	.62	.78	.92
	845	400	28.8	8.4	1.15	.61	.75	.88	27.6	8.1	1.34	.61	.76	.91	26.2	7.7	1.55	.63	.78	.93	24.6	7.2	1.80	.64	.80	.96
	935	440	29.4	8.6	1.16	.62	.77	.91	28.2	8.3	1.34	.63	.79	.94	26.6	7.8	1.55	.64	.81	.96	25.0	7.3	1.80	.66	.83	.99
71°F (22°C)	765	360	29.8	8.7	1.16	.45	.57	.70	28.6	8.4	1.35	.45	.58	.71	27.2	8.0	1.56	.46	.59	.73	25.6	7.5	1.80	.46	.61	.75
	845	400	30.6	9.0	1.17	.46	.59	.72	29.2	8.6	1.35	.46	.60	.73	27.8	8.1	1.56	.46	.61	.75	26.2	7.7	1.81	.47	.63	.78
	935	440	31.2	9.1	1.17	.46	.61	.74	29.8	8.7	1.35	.47	.62	.76	28.4	8.3	1.56	.47	.63	.78	26.8	7.9	1.81	.48	.64	.80

HSXA19-038 - CR26-36W-F with G60DFV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1095	515	35.8	10.5	2.10	.76	.90	1.00	34.0	10.0	2.35	.77	.92	1.00	32.2	9.4	2.63	.79	.94	1.00	30.4	8.9	2.94	.82	.97	1.00
	1210	570	36.6	10.7	2.11	.78	.93	1.00	34.8	10.2	2.35	.80	.95	1.00	33.0	9.7	2.63	.82	.97	1.00	30.8	9.0	2.95	.84	1.00	1.00
	1315	620	37.2	10.9	2.11	.80	.95	1.00	35.4	10.4	2.36	.82	.97	1.00	33.4	9.8	2.64	.84	.99	1.00	31.4	9.2	2.95	.87	1.00	1.00
67°F (19°C)	1095	515	37.8	11.1	2.12	.60	.73	.86	36.0	10.6	2.37	.61	.75	.89	34.0	10.0	2.65	.62	.77	.91	32.0	9.4	2.96	.64	.79	.94
	1210	570	38.5	11.3	2.12	.61	.76	.89	36.6	10.7	2.37	.62	.77	.92	34.8	10.2	2.65	.64	.79	.94	32.6	9.6	2.97	.65	.82	.97
	1315	620	39.0	11.4	2.13	.62	.78	.92	37.2	10.9	2.38	.64	.79	.94	35.2	10.3	2.66	.65	.82	.97	33.0	9.7	2.97	.67	.85	.99
71°F (22°C)	1095	515	40.0	11.7	2.14	.46	.59	.71	38.0	11.1	2.39	.46	.60	.73	36.0	10.6	2.67	.46	.61	.74	33.8	9.9	2.98	.47	.62	.77
	1210	570	40.5	11.9	2.14	.46	.60	.73	38.5	11.3	2.39	.46	.61	.75	36.6	10.7	2.67	.47	.62	.77	34.4	10.1	2.99	.48	.64	.80
	1315	620	41.5	12.2	2.15	.47	.61	.75	39.5	11.6	2.40	.47	.62	.77	37.2	10.9	2.68	.48	.64	.79	34.8	10.2	2.99	.48	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CH33-36B-2F with G61MPV-36B FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.4	7.2	1.13	.70	.82	.93	23.2	6.8	1.32	.71	.83	.95	22.2	6.5	1.53	.72	.85	.97	21.0	6.2	1.77	.74	.87	1.00
	750	355	25.8	7.6	1.14	.74	.87	.99	24.6	7.2	1.32	.75	.89	1.00	23.4	6.9	1.54	.77	.91	1.00	22.2	6.5	1.78	.79	.94	1.00
	830	390	26.4	7.7	1.14	.75	.90	1.00	25.2	7.4	1.32	.77	.92	1.00	24.0	7.0	1.54	.79	.95	1.00	22.6	6.6	1.78	.81	.97	1.00
67°F (19°C)	595	280	25.8	7.6	1.13	.57	.68	.78	24.8	7.3	1.32	.57	.68	.79	23.6	6.9	1.54	.58	.70	.81	22.4	6.6	1.78	.58	.71	.84
	750	355	27.6	8.1	1.15	.59	.71	.83	26.4	7.7	1.33	.59	.72	.85	25.0	7.3	1.55	.60	.74	.87	23.6	6.9	1.79	.61	.76	.90
	830	390	28.2	8.3	1.15	.60	.73	.86	27.0	7.9	1.34	.61	.74	.88	25.6	7.5	1.55	.62	.77	.91	24.2	7.1	1.79	.63	.78	.93
71°F (22°C)	595	280	27.4	8.0	1.14	.44	.55	.65	26.4	7.7	1.33	.44	.55	.66	25.2	7.4	1.54	.45	.56	.67	23.8	7.0	1.79	.45	.57	.69
	750	355	29.2	8.6	1.16	.46	.57	.69	28.0	8.2	1.34	.45	.58	.70	26.6	7.8	1.55	.46	.59	.71	25.2	7.4	1.80	.46	.60	.73
	830	390	30.0	8.8	1.16	.46	.58	.71	28.6	8.4	1.35	.46	.59	.72	27.2	8.0	1.56	.46	.60	.74	25.8	7.6	1.80	.47	.61	.76

HSXA19-038 - CH33-36B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	34.2	10.0	2.08	.73	.85	.97	32.6	9.6	2.33	.74	.87	.99	30.8	9.0	2.61	.75	.89	1.00	29.0	8.5	2.93	.77	.92	1.00
	1185	560	35.6	10.4	2.10	.76	.90	1.00	33.8	9.9	2.34	.77	.92	1.00	32.0	9.4	2.62	.79	.95	1.00	30.0	8.8	2.94	.82	.98	1.00
	1440	680	37.0	10.8	2.11	.80	.96	1.00	35.0	10.3	2.36	.82	.98	1.00	33.0	9.7	2.63	.84	1.00	1.00	31.2	9.1	2.95	.87	1.00	1.00
67°F (19°C)	975	460	36.2	10.6	2.10	.58	.70	.81	34.6	10.1	2.35	.59	.71	.83	32.8	9.6	2.63	.60	.73	.86	30.8	9.0	2.95	.61	.75	.88
	1185	560	37.8	11.1	2.12	.60	.74	.87	36.0	10.6	2.36	.61	.75	.89	34.0	10.0	2.64	.62	.77	.91	32.0	9.4	2.96	.64	.79	.95
	1440	680	39.0	11.4	2.13	.62	.78	.92	37.2	10.9	2.38	.64	.79	.95	35.2	10.3	2.66	.65	.82	.98	32.8	9.6	2.97	.67	.85	1.00
71°F (22°C)	975	460	38.5	11.3	2.12	.45	.57	.67	36.6	10.7	2.37	.45	.57	.69	34.6	10.1	2.65	.46	.58	.70	32.6	9.6	2.97	.46	.59	.72
	1185	560	40.0	11.7	2.14	.46	.59	.71	38.0	11.1	2.39	.46	.60	.73	36.0	10.6	2.66	.47	.61	.74	33.8	9.9	2.98	.47	.62	.77
	1440	680	41.5	12.2	2.15	.47	.61	.75	39.5	11.6	2.40	.47	.62	.77	37.2	10.9	2.68	.48	.64	.79	34.8	10.2	2.99	.49	.66	.82

HSXA19-038 - CH33-42B-2F with G61MPV-36B FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	24.8	7.3	1.13	.70	.82	.93	23.8	7.0	1.32	.71	.83	.95	22.6	6.6	1.53	.72	.85	.98	21.4	6.3	1.78	.74	.88	1.00
	750	355	26.4	7.7	1.14	.74	.87	1.00	25.2	7.4	1.33	.75	.89	1.00	24.0	7.0	1.54	.77	.92	1.00	22.6	6.6	1.78	.79	.95	1.00
	830	390	27.0	7.9	1.14	.76	.90	1.00	25.8	7.6	1.33	.78	.92	1.00	24.6	7.2	1.54	.79	.95	1.00	23.2	6.8	1.79	.82	.98	1.00
67°F (19°C)	595	280	26.4	7.7	1.14	.56	.67	.78	25.4	7.4	1.33	.57	.68	.80	24.2	7.1	1.54	.57	.70	.81	22.8	6.7	1.79	.58	.71	.84
	750	355	28.2	8.3	1.15	.58	.71	.83	27.0	7.9	1.34	.59	.72	.85	25.6	7.5	1.55	.60	.74	.88	24.2	7.1	1.79	.61	.76	.91
	830	390	29.0	8.5	1.15	.60	.73	.86	27.6	8.1	1.34	.60	.75	.89	26.2	7.7	1.55	.62	.77	.91	24.8	7.3	1.80	.63	.79	.94
71°F (22°C)	595	280	28.2	8.3	1.15	.44	.54	.64	27.0	7.9	1.33	.44	.55	.66	25.6	7.5	1.55	.44	.56	.67	24.4	7.2	1.79	.45	.57	.68
	750	355	29.8	8.7	1.16	.45	.57	.68	28.6	8.4	1.35	.45	.57	.69	27.2	8.0	1.56	.46	.59	.72	25.8	7.6	1.80	.46	.60	.74
	830	390	30.6	9.0	1.17	.45	.58	.70	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.61	.76

HSXA19-038 - CH33-42B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.2	10.3	2.09	.72	.85	.97	33.6	9.8	2.34	.74	.87	.99	31.8	9.3	2.62	.75	.89	1.00	29.8	8.7	2.93	.77	.92	1.00
	1185	560	36.8	10.8	2.11	.76	.90	1.00	35.0	10.3	2.36	.78	.93	1.00	33.0	9.7	2.64	.80	.95	1.00	31.0	9.1	2.95	.82	.98	1.00
	1440	680	38.0	11.1	2.12	.80	.96	1.00	36.2	10.6	2.37	.82	.99	1.00	34.2	10.0	2.65	.84	1.00	1.00	32.4	9.5	2.96	.87	1.00	1.00
67°F (19°C)	975	460	37.4	11.0	2.11	.58	.70	.82	35.6	10.4	2.36	.59	.71	.84	33.6	9.8	2.64	.59	.73	.86	31.6	9.3	2.95	.61	.75	.89
	1185	560	39.0	11.4	2.13	.60	.74	.87	37.0	10.8	2.38	.61	.75	.89	35.0	10.3	2.65	.62	.77	.92	32.8	9.6	2.97	.64	.80	.95
	1440	680	40.5	11.9	2.14	.63	.78	.93	38.5	11.3	2.39	.64	.80	.95	36.0	10.6	2.67	.65	.82	.98	33.8	9.9	2.98	.67	.85	1.00
71°F (22°C)	975	460	39.5	11.6	2.13	.45	.56	.67	37.6	11.0	2.38	.45	.57	.69	35.6	10.4	2.66	.45	.58	.70	33.4	9.8	2.98	.46	.59	.72
	1185	560	41.0	12.0	2.15	.46	.59	.71	39.0	11.4	2.40	.46	.60	.73	37.0	10.8	2.68	.47	.61	.75	34.8	10.2	2.99	.47	.63	.77
	1440	680	42.5	12.5	2.16	.47	.62	.76	40.5	11.9	2.41	.47	.63	.78	38.0	11.1	2.69	.48	.64	.80	35.8	10.5	3.00	.49	.66	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CH33-48C-2F with G61MPV-36B FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	595	280	25.0	7.3	1.13	.71	.82	.94	24.0	7.0	1.32	.72	.84	.96	22.8	6.7	1.53	.73	.86	.98	21.4	6.3	1.78	.75	.88	1.00
	750	355	26.6	7.8	1.14	.74	.88	1.00	25.6	7.5	1.33	.76	.90	1.00	24.2	7.1	1.54	.78	.92	1.00	22.8	6.7	1.79	.80	.95	1.00
	830	390	27.4	8.0	1.14	.77	.91	1.00	26.2	7.7	1.33	.78	.93	1.00	24.8	7.3	1.54	.80	.96	1.00	23.4	6.9	1.79	.82	.98	1.00
67°F (19°C)	595	280	26.8	7.9	1.14	.57	.68	.79	25.6	7.5	1.33	.57	.69	.80	24.4	7.2	1.54	.58	.70	.82	23.0	6.7	1.79	.59	.72	.84
	750	355	28.6	8.4	1.15	.59	.72	.84	27.2	8.0	1.34	.60	.73	.86	26.0	7.6	1.55	.61	.75	.88	24.4	7.2	1.79	.62	.77	.91
	830	390	29.2	8.6	1.16	.60	.74	.87	28.0	8.2	1.34	.61	.75	.89	26.6	7.8	1.55	.62	.77	.92	25.0	7.3	1.80	.63	.79	.95
71°F (22°C)	595	280	28.4	8.3	1.15	.44	.55	.65	27.2	8.0	1.34	.45	.56	.66	26.0	7.6	1.55	.45	.56	.68	24.6	7.2	1.80	.45	.57	.69
	750	355	30.2	8.9	1.16	.45	.57	.69	29.0	8.5	1.35	.46	.58	.70	27.6	8.1	1.56	.46	.59	.72	26.0	7.6	1.81	.46	.60	.74
	830	390	31.0	9.1	1.17	.46	.59	.71	29.6	8.7	1.35	.46	.60	.73	28.2	8.3	1.56	.47	.61	.74	26.6	7.8	1.81	.47	.62	.77

HSXA19-038 - CH33-48C-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	975	460	35.8	10.5	2.10	.73	.86	.97	34.0	10.0	2.35	.74	.87	1.00	32.2	9.4	2.63	.76	.90	1.00	30.2	8.9	2.94	.78	.93	1.00
	1185	560	37.4	11.0	2.11	.77	.91	1.00	35.6	10.4	2.36	.78	.93	1.00	33.6	9.8	2.64	.80	.96	1.00	31.6	9.3	2.95	.82	.99	1.00
	1440	680	39.0	11.4	2.13	.81	.97	1.00	37.0	10.8	2.38	.83	.99	1.00	34.8	10.2	2.65	.85	1.00	1.00	33.0	9.7	2.97	.88	1.00	1.00
67°F (19°C)	975	460	38.0	11.1	2.12	.58	.71	.82	36.2	10.6	2.37	.59	.72	.84	34.2	10.0	2.65	.60	.73	.86	32.2	9.4	2.96	.61	.76	.89
	1185	560	39.5	11.6	2.13	.60	.74	.87	37.6	11.0	2.38	.61	.76	.90	35.6	10.4	2.66	.63	.77	.93	33.4	9.8	2.98	.64	.80	.96
	1440	680	41.0	12.0	2.15	.63	.78	.94	39.0	11.4	2.40	.64	.80	.96	36.8	10.8	2.67	.65	.83	.99	34.4	10.1	2.99	.67	.86	1.00
71°F (22°C)	975	460	40.0	11.7	2.14	.45	.57	.68	38.0	11.1	2.39	.45	.57	.70	36.2	10.6	2.67	.45	.58	.71	34.0	10.0	2.98	.46	.60	.73
	1185	560	42.0	12.3	2.15	.45	.59	.72	39.5	11.6	2.40	.46	.60	.73	37.6	11.0	2.68	.47	.61	.75	35.2	10.3	3.00	.47	.63	.78
	1440	680	43.0	12.6	2.17	.47	.62	.76	41.0	12.0	2.42	.47	.62	.78	39.0	11.4	2.70	.48	.64	.81	36.2	10.6	3.01	.49	.66	.83

HSXA19-038 - CH33-36A/B-2F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	25.6	7.5	1.13	.73	.86	.98	24.4	7.2	1.32	.74	.88	1.00	23.2	6.8	1.53	.76	.90	1.00	22.0	6.4	1.78	.78	.93	1.00
	845	400	26.6	7.8	1.14	.76	.90	1.00	25.4	7.4	1.33	.78	.93	1.00	24.0	7.0	1.54	.80	.95	1.00	22.8	6.7	1.79	.82	.98	1.00
	940	445	27.2	8.0	1.14	.79	.93	1.00	25.8	7.6	1.33	.80	.96	1.00	24.6	7.2	1.54	.82	.98	1.00	23.2	6.8	1.79	.84	1.00	1.00
67°F (19°C)	720	340	27.2	8.0	1.14	.58	.70	.82	26.2	7.7	1.33	.59	.72	.84	24.8	7.3	1.54	.60	.73	.86	23.4	6.9	1.79	.61	.75	.89
	845	400	28.4	8.3	1.15	.60	.73	.86	27.0	7.9	1.34	.61	.75	.89	25.8	7.6	1.55	.62	.77	.91	24.2	7.1	1.79	.63	.79	.94
	940	445	29.0	8.5	1.16	.61	.76	.90	27.6	8.1	1.34	.62	.78	.92	26.2	7.7	1.55	.64	.79	.95	24.8	7.3	1.80	.65	.82	.98
71°F (22°C)	720	340	29.0	8.5	1.16	.45	.57	.68	27.8	8.1	1.34	.45	.57	.69	26.4	7.7	1.55	.46	.58	.70	25.0	7.3	1.80	.46	.59	.72
	845	400	30.0	8.8	1.16	.46	.58	.71	28.8	8.4	1.35	.46	.59	.72	27.4	8.0	1.56	.46	.60	.74	25.8	7.6	1.80	.47	.62	.76
	940	445	30.8	9.0	1.17	.46	.59	.73	29.4	8.6	1.35	.47	.61	.75	28.0	8.2	1.56	.47	.62	.77	26.4	7.7	1.81	.48	.63	.79

HSXA19-038 - CH33-36A/B-2F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	34.8	10.2	2.09	.74	.87	.99	33.0	9.7	2.34	.75	.89	1.00	31.2	9.1	2.62	.77	.91	1.00	29.4	8.6	2.93	.79	.94	1.00
	1210	570	35.8	10.5	2.10	.76	.91	1.00	34.0	10.0	2.35	.78	.93	1.00	32.2	9.4	2.62	.80	.95	1.00	30.2	8.9	2.94	.82	.99	1.00
	1335	630	36.4	10.7	2.10	.78	.93	1.00	34.6	10.1	2.35	.80	.96	1.00	32.8	9.6	2.63	.82	.98	1.00	30.6	9.0	2.95	.85	1.00	1.00
67°F (19°C)	1050	495	36.8	10.8	2.11	.59	.71	.83	35.2	10.3	2.36	.60	.73	.85	33.2	9.7	2.64	.61	.74	.88	31.2	9.1	2.95	.62	.76	.91
	1210	570	38.0	11.1	2.12	.60	.74	.87	36.0	10.6	2.37	.61	.75	.89	34.2	10.0	2.65	.62	.77	.92	32.0	9.4	2.96	.64	.80	.95
	1335	630	38.5	11.3	2.12	.61	.76	.90	36.8	10.8	2.37	.62	.78	.93	34.8	10.2	2.65	.64	.80	.95	32.4	9.5	2.96	.65	.82	.98
71°F (22°C)	1050	495	39.0	11.4	2.13	.45	.57	.69	37.0	10.8	2.38	.46	.58	.70	35.0	10.3	2.66	.46	.59	.72	33.0	9.7	2.97	.46	.60	.74
	1210	570	40.0	11.7	2.14	.46	.59	.72	38.0	11.1	2.39	.46	.60	.73	36.0	10.6	2.67	.47	.61	.75	33.8	9.9	2.98	.47	.63	.77
	1335	630	40.5	11.9	2.14	.46	.60	.74	39.0	11.4	2.39	.46	.61	.75	36.8	10.8	2.67	.47	.63	.77	34.4	10.1	2.99	.48	.64	.80

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-038 - CH33-42B-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.2	7.7	1.14	.73	.86	.99	25.0	7.3	1.32	.74	.88	1.00	23.8	7.0	1.54	.76	.90	1.00	22.4	6.6	1.78	.78	.93	1.00
	845	400	27.2	8.0	1.14	.76	.91	1.00	26.0	7.6	1.33	.78	.93	1.00	24.6	7.2	1.54	.80	.96	1.00	23.2	6.8	1.79	.82	.98	1.00
	940	445	27.8	8.1	1.15	.79	.94	1.00	26.6	7.8	1.33	.80	.96	1.00	25.2	7.4	1.54	.82	.99	1.00	23.8	7.0	1.79	.85	1.00	1.00
67°F (19°C)	720	340	27.8	8.1	1.15	.58	.70	.82	26.8	7.9	1.33	.59	.72	.84	25.4	7.4	1.55	.60	.73	.87	24.0	7.0	1.79	.61	.75	.89
	845	400	29.0	8.5	1.16	.60	.74	.87	27.8	8.1	1.34	.61	.75	.89	26.4	7.7	1.55	.62	.77	.92	24.8	7.3	1.80	.63	.79	.95
	940	445	29.8	8.7	1.16	.62	.76	.90	28.4	8.3	1.35	.62	.77	.93	26.8	7.9	1.56	.63	.80	.95	25.4	7.4	1.80	.65	.82	.98
71°F (22°C)	720	340	29.6	8.7	1.16	.45	.56	.68	28.4	8.3	1.35	.44	.57	.69	27.0	7.9	1.55	.45	.58	.70	25.4	7.4	1.80	.45	.59	.73
	845	400	30.8	9.0	1.17	.46	.58	.71	29.4	8.6	1.35	.46	.59	.72	28.0	8.2	1.56	.46	.60	.74	26.4	7.7	1.81	.47	.62	.76
	940	445	31.6	9.3	1.17	.46	.60	.73	30.2	8.9	1.36	.47	.61	.75	28.6	8.4	1.57	.47	.62	.77	27.0	7.9	1.81	.47	.63	.79

HSXA19-038 - CH33-42B-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	35.8	10.5	2.10	.74	.87	.99	34.0	10.0	2.35	.75	.89	1.00	32.2	9.4	2.63	.77	.92	1.00	30.2	8.9	2.94	.79	.95	1.00
	1210	570	37.0	10.8	2.11	.76	.91	1.00	35.0	10.3	2.36	.78	.93	1.00	33.2	9.7	2.64	.80	.96	1.00	31.2	9.1	2.95	.83	.99	1.00
	1335	630	37.6	11.0	2.11	.79	.94	1.00	35.8	10.5	2.36	.80	.96	1.00	33.8	9.9	2.64	.83	.99	1.00	31.6	9.3	2.96	.85	1.00	1.00
67°F (19°C)	1050	495	38.0	11.1	2.12	.59	.71	.83	36.2	10.6	2.37	.59	.73	.85	34.2	10.0	2.65	.61	.74	.88	32.0	9.4	2.96	.62	.77	.91
	1210	570	39.0	11.4	2.13	.60	.74	.87	37.2	10.9	2.38	.61	.76	.90	35.0	10.3	2.66	.63	.78	.92	33.0	9.7	2.97	.64	.80	.96
	1335	630	40.0	11.7	2.13	.62	.76	.90	37.8	11.1	2.38	.63	.78	.93	35.8	10.5	2.66	.64	.80	.96	33.4	9.8	2.98	.65	.83	.99
71°F (22°C)	1050	495	40.0	11.7	2.13	.45	.57	.69	38.0	11.1	2.39	.46	.58	.71	36.2	10.6	2.67	.46	.59	.72	34.0	10.0	2.98	.47	.60	.74
	1210	570	41.0	12.0	2.15	.46	.59	.72	39.0	11.4	2.40	.46	.60	.73	37.2	10.9	2.68	.47	.61	.75	34.8	10.2	2.99	.47	.63	.77
	1335	630	42.0	12.3	2.15	.46	.60	.74	40.0	11.7	2.41	.47	.62	.76	37.8	11.1	2.69	.47	.63	.78	35.4	10.4	3.00	.48	.65	.80

HSXA19-038 - CH33-48C-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	26.4	7.7	1.14	.74	.87	.99	25.2	7.4	1.33	.75	.89	1.00	24.0	7.0	1.54	.77	.91	1.00	22.6	6.6	1.79	.79	.94	1.00
	845	400	27.6	8.1	1.15	.77	.91	1.00	26.2	7.7	1.33	.78	.94	1.00	25.0	7.3	1.54	.80	.96	1.00	23.6	6.9	1.79	.82	.99	1.00
	940	445	28.2	8.3	1.15	.79	.95	1.00	27.0	7.9	1.34	.81	.97	1.00	25.6	7.5	1.55	.83	.99	1.00	24.2	7.1	1.79	.85	1.00	1.00
67°F (19°C)	720	340	28.2	8.3	1.15	.58	.71	.83	27.0	7.9	1.34	.59	.72	.85	25.6	7.5	1.55	.60	.74	.87	24.2	7.1	1.79	.61	.76	.90
	845	400	29.4	8.6	1.16	.60	.74	.88	28.0	8.2	1.34	.61	.76	.90	26.6	7.8	1.55	.63	.78	.92	25.0	7.3	1.80	.64	.80	.95
	940	445	30.0	8.8	1.16	.62	.77	.91	28.6	8.4	1.35	.63	.78	.93	27.2	8.0	1.56	.64	.80	.96	25.6	7.5	1.80	.65	.82	.99
71°F (22°C)	720	340	30.0	8.8	1.16	.45	.57	.68	28.6	8.4	1.35	.45	.58	.70	27.2	8.0	1.56	.46	.59	.71	25.8	7.6	1.80	.46	.60	.73
	845	400	31.2	9.1	1.17	.46	.59	.72	29.8	8.7	1.35	.46	.60	.73	28.4	8.3	1.56	.47	.61	.75	26.8	7.9	1.81	.47	.62	.77
	940	445	32.0	9.4	1.18	.46	.60	.74	30.4	8.9	1.36	.47	.61	.75	29.0	8.5	1.57	.47	.63	.78	27.2	8.0	1.81	.48	.64	.80

HSXA19-038 - CH33-48C-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	36.4	10.7	2.10	.74	.87	.99	34.6	10.1	2.35	.76	.90	1.00	32.8	9.6	2.63	.78	.92	1.00	30.8	9.0	2.95	.80	.95	1.00
	1210	570	37.6	11.0	2.11	.77	.91	1.00	35.8	10.5	2.36	.79	.94	1.00	33.8	9.9	2.64	.81	.97	1.00	31.6	9.3	2.95	.83	.99	1.00
	1335	630	38.5	11.3	2.12	.79	.94	1.00	36.4	10.7	2.37	.81	.97	1.00	34.4	10.1	2.65	.83	.99	1.00	32.4	9.5	2.96	.86	1.00	1.00
67°F (19°C)	1050	495	38.5	11.3	2.12	.59	.72	.84	36.6	10.7	2.37	.59	.72	.86	34.8	10.2	2.65	.61	.75	.89	32.6	9.6	2.96	.62	.77	.92
	1210	570	39.5	11.6	2.13	.61	.75	.88	37.8	11.1	2.38	.62	.76	.90	35.6	10.4	2.66	.63	.79	.93	33.4	9.8	2.98	.64	.80	.96
	1335	630	40.5	11.9	2.14	.62	.76	.91	38.5	11.3	2.39	.63	.78	.94	36.2	10.6	2.67	.64	.80	.96	34.0	10.0	2.98	.66	.83	.99
71°F (22°C)	1050	495	40.5	11.9	2.14	.45	.57	.70	39.0	11.4	2.39	.45	.58	.70	36.8	10.8	2.67	.46	.59	.72	34.6	10.1	2.99	.47	.61	.75
	1210	570	42.0	12.3	2.15	.46	.59	.72	40.0	11.7	2.41	.46	.60	.74	37.8	11.1	2.69	.47	.62	.75	35.4	10.4	3.00	.48	.63	.78
	1335	630	42.5	12.5	2.16	.47	.61	.74	40.5	11.9	2.41	.47	.62	.77	38.5	11.3	2.69	.48	.62	.77	36.0	10.6	3.01	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.0	10.6	1.64	.77	.90	1.00	34.4	10.1	1.89	.78	.92	1.00	32.8	9.6	2.18	.80	.95	1.00	31.2	9.1	2.51	.82	.97	1.00
	1200	565	36.6	10.7	1.63	.79	.93	1.00	35.2	10.3	1.89	.80	.95	1.00	33.6	9.8	2.18	.82	.97	1.00	31.8	9.3	2.50	.84	.99	1.00
	1300	615	37.4	11.0	1.63	.80	.95	1.00	35.8	10.5	1.89	.82	.97	1.00	34.2	10.0	2.17	.84	.99	1.00	32.4	9.5	2.50	.86	1.00	1.00
67°F (19°C)	1100	520	38.5	11.3	1.63	.61	.74	.87	36.6	10.7	1.88	.62	.76	.89	35.0	10.3	2.17	.63	.77	.91	33.2	9.7	2.49	.64	.79	.93
	1200	565	39.0	11.4	1.63	.63	.76	.89	37.4	11.0	1.88	.63	.77	.91	35.6	10.4	2.16	.64	.79	.93	33.8	9.9	2.49	.66	.81	.96
	1300	615	39.5	11.6	1.63	.64	.78	.91	38.0	11.1	1.88	.64	.79	.94	36.2	10.6	2.16	.66	.81	.96	34.4	10.1	2.48	.67	.83	.98
71°F (22°C)	1100	520	40.5	11.9	1.63	.47	.59	.71	39.0	11.4	1.87	.48	.60	.73	37.2	10.9	2.15	.48	.62	.74	35.4	10.4	2.48	.49	.63	.76
	1200	565	41.5	12.2	1.62	.48	.61	.73	39.5	11.6	1.87	.48	.62	.75	38.0	11.1	2.15	.49	.63	.76	36.0	10.6	2.47	.49	.64	.78
	1300	615	42.0	12.3	1.62	.48	.62	.75	40.5	11.9	1.87	.49	.63	.77	38.5	11.3	2.15	.49	.64	.78	36.6	10.7	2.47	.50	.65	.80

HSXA19-048 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.0	13.8	2.91	.76	.88	1.00	45.0	13.2	3.26	.76	.90	1.00	43.0	12.6	3.65	.78	.93	1.00	40.5	11.9	4.08	.80	.95	1.00
	1600	755	48.5	14.2	2.93	.78	.92	1.00	46.5	13.6	3.28	.79	.94	1.00	44.0	12.9	3.67	.81	.96	1.00	41.5	12.2	4.10	.84	.99	1.00
	1800	850	50.0	14.7	2.94	.80	.95	1.00	47.5	13.9	3.29	.82	.97	1.00	45.0	13.2	3.68	.84	.99	1.00	42.5	12.5	4.11	.86	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.95	.60	.73	.85	48.0	14.1	3.30	.61	.74	.87	45.5	13.3	3.69	.62	.76	.89	43.0	12.6	4.12	.64	.78	.92
	1600	755	51.5	15.1	2.96	.62	.75	.88	49.0	14.4	3.31	.63	.77	.91	47.0	13.8	3.70	.64	.79	.93	44.0	12.9	4.13	.65	.81	.96
	1800	850	52.5	15.4	2.98	.64	.78	.92	50.5	14.8	3.33	.65	.80	.94	47.5	13.9	3.71	.66	.82	.97	45.0	13.2	4.15	.67	.84	.99
71°F (22°C)	1400	660	53.0	15.5	2.98	.47	.59	.70	50.5	14.8	3.33	.48	.60	.72	48.0	14.1	3.72	.48	.61	.73	45.5	13.3	4.16	.49	.62	.75
	1600	755	54.5	16.0	3.00	.48	.60	.73	52.0	15.2	3.35	.48	.61	.74	49.5	14.5	3.74	.49	.63	.76	47.0	13.8	4.18	.49	.64	.78
	1800	850	55.5	16.3	3.01	.48	.62	.76	53.5	15.7	3.37	.49	.63	.77	50.5	14.8	3.75	.50	.65	.79	47.5	13.9	4.19	.50	.66	.82

HSXA19-048 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.4	10.7	1.64	.77	.91	1.00	34.8	10.2	1.89	.79	.93	1.00	33.2	9.7	2.18	.80	.95	1.00	31.4	9.2	2.51	.82	.98	1.00
	1200	565	37.0	10.8	1.63	.79	.93	1.00	35.6	10.4	1.89	.80	.95	1.00	33.8	9.9	2.17	.82	.98	1.00	32.2	9.4	2.50	.84	1.00	1.00
	1300	615	37.8	11.1	1.63	.81	.96	1.00	36.2	10.6	1.89	.82	.98	1.00	34.4	10.1	2.17	.84	1.00	1.00	32.8	9.6	2.50	.87	1.00	1.00
67°F (19°C)	1100	520	38.5	11.3	1.63	.61	.75	.87	37.0	10.8	1.88	.62	.76	.89	35.4	10.4	2.17	.63	.77	.91	33.4	9.8	2.49	.65	.79	.94
	1200	565	39.5	11.6	1.63	.63	.76	.90	37.8	11.1	1.88	.64	.78	.92	36.0	10.6	2.16	.65	.79	.94	34.0	10.0	2.49	.66	.81	.97
	1300	615	40.0	11.7	1.63	.64	.78	.92	38.5	11.3	1.87	.65	.80	.94	36.6	10.7	2.16	.65	.82	.97	34.6	10.1	2.48	.67	.84	.99
71°F (22°C)	1100	520	41.0	12.0	1.62	.47	.60	.71	39.5	11.6	1.87	.48	.61	.73	37.8	11.1	2.15	.48	.62	.75	35.8	10.5	2.47	.49	.63	.77
	1200	565	42.0	12.3	1.62	.48	.61	.74	40.0	11.7	1.87	.48	.62	.75	38.5	11.3	2.15	.49	.63	.77	36.4	10.7	2.47	.50	.64	.78
	1300	615	42.5	12.5	1.62	.49	.62	.76	41.0	12.0	1.87	.49	.63	.77	39.0	11.4	2.15	.50	.64	.79	37.0	10.8	2.47	.50	.66	.81

HSXA19-048 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.92	.76	.89	1.00	45.5	13.3	3.27	.77	.91	1.00	43.5	12.7	3.65	.79	.93	1.00	41.0	12.0	4.09	.81	.96	1.00
	1600	755	49.0	14.4	2.94	.78	.93	1.00	47.0	13.8	3.28	.80	.95	1.00	45.0	13.2	3.67	.82	.97	1.00	42.0	12.3	4.11	.84	1.00	1.00
	1800	850	50.5	14.8	2.95	.81	.96	1.00	48.0	14.1	3.30	.83	.98	1.00	45.5	13.3	3.68	.85	1.00	1.00	43.5	12.7	4.12	.87	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.95	.61	.74	.85	48.5	14.2	3.31	.61	.74	.87	46.0	13.5	3.69	.63	.76	.90	43.5	12.7	4.13	.64	.78	.92
	1600	755	52.0	15.2	2.97	.62	.76	.89	50.0	14.7	3.32	.63	.78	.91	47.5	13.9	3.71	.65	.79	.94	44.5	13.0	4.14	.66	.81	.97
	1800	850	53.5	15.7	2.98	.64	.79	.93	51.0	14.9	3.34	.65	.80	.95	48.5	14.2	3.72	.66	.82	.98	45.5	13.3	4.16	.68	.85	1.00
71°F (22°C)	1400	660	53.5	15.7	2.99	.47	.59	.71	51.5	15.1	3.34	.47	.60	.72	49.0	14.4	3.73	.48	.61	.74	46.5	13.6	4.17	.49	.62	.76
	1600	755	55.0	16.1	3.01	.48	.61	.73	53.0	15.5	3.36	.48	.62	.75	50.0	14.7	3.75	.49	.63	.77	47.5	13.9	4.19	.50	.65	.79
	1800	850	56.5	16.6	3.03	.49	.63	.76	54.0	15.8	3.38	.49	.64	.78	51.5	15.1	3.77	.50	.65	.80	48.5	14.2	4.20	.51	.67	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - C33-60D - CX34-60D-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.4	10.7	1.63	.76	.91	1.00	34.8	10.2	1.89	.79	.93	1.00	33.4	9.8	2.18	.80	.95	1.00	31.6	9.3	2.51	.82	.98	1.00
	1200	565	37.2	10.9	1.63	.79	.93	1.00	35.6	10.4	1.89	.81	.96	1.00	34.0	10.0	2.17	.83	.98	1.00	32.2	9.4	2.50	.84	1.00	1.00
	1300	615	37.8	11.1	1.63	.81	.96	1.00	36.2	10.6	1.88	.83	.98	1.00	34.6	10.1	2.17	.84	1.00	1.00	33.0	9.7	2.49	.87	1.00	1.00
67°F (19°C)	1100	520	38.5	11.3	1.63	.62	.74	.87	37.0	10.8	1.88	.62	.76	.89	35.4	10.4	2.16	.64	.78	.91	33.6	9.8	2.49	.65	.80	.94
	1200	565	39.5	11.6	1.63	.63	.76	.90	37.8	11.1	1.88	.64	.78	.92	36.2	10.6	2.16	.65	.80	.94	34.2	10.0	2.48	.66	.82	.97
	1300	615	40.0	11.7	1.63	.64	.78	.92	38.5	11.3	1.88	.65	.80	.94	36.8	10.8	2.16	.66	.82	.97	34.8	10.2	2.48	.67	.84	.99
71°F (22°C)	1100	520	41.5	12.2	1.62	.47	.60	.72	39.5	11.6	1.87	.48	.61	.73	37.8	11.1	2.15	.48	.62	.75	36.0	10.6	2.47	.49	.63	.77
	1200	565	42.0	12.3	1.62	.48	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.49	.63	.77	36.6	10.7	2.47	.49	.65	.79
	1300	615	43.0	12.6	1.62	.49	.62	.76	41.0	12.0	1.87	.49	.63	.77	39.0	11.4	2.15	.50	.65	.79	37.2	10.9	2.46	.50	.66	.81

HSXA19-048 - C33-60D - CX34-60D-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.92	.76	.89	1.00	46.0	13.5	3.27	.77	.91	1.00	43.5	12.7	3.66	.79	.93	1.00	41.0	12.0	4.09	.81	.96	1.00
	1600	755	49.5	14.5	2.94	.79	.93	1.00	47.0	13.8	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1800	850	50.5	14.8	2.95	.81	.96	1.00	48.5	14.2	3.31	.83	.99	1.00	46.0	13.5	3.69	.85	1.00	1.00	43.5	12.7	4.13	.88	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.95	.61	.73	.86	48.5	14.2	3.31	.61	.75	.88	46.5	13.6	3.70	.63	.77	.90	43.5	12.7	4.13	.64	.79	.93
	1600	755	52.5	15.4	2.97	.63	.76	.89	50.0	14.7	3.32	.64	.78	.92	47.5	13.9	3.71	.65	.80	.94	45.0	13.2	4.15	.66	.82	.97
	1800	850	53.5	15.7	2.99	.64	.79	.93	51.0	14.9	3.34	.65	.81	.95	48.5	14.2	3.73	.67	.83	.98	46.0	13.5	4.16	.68	.85	1.00
71°F (22°C)	1400	660	54.0	15.8	2.99	.47	.59	.71	51.5	15.1	3.35	.47	.60	.72	49.0	14.4	3.73	.48	.61	.74	46.5	13.6	4.18	.49	.63	.76
	1600	755	55.5	16.3	3.01	.48	.61	.73	53.0	15.5	3.36	.48	.62	.75	50.5	14.8	3.75	.49	.63	.77	47.5	13.9	4.19	.50	.65	.79
	1800	850	57.0	16.7	3.03	.49	.63	.76	54.5	16.0	3.38	.49	.64	.78	51.5	15.1	3.77	.50	.65	.80	48.5	14.2	4.21	.51	.67	.83

HSXA19-048 - C33-62D - CX34-62D-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	37.0	10.8	1.63	.78	.92	1.00	35.4	10.4	1.89	.79	.94	1.00	33.8	9.9	2.17	.81	.96	1.00	32.0	9.4	2.50	.83	.99	1.00
	1200	565	37.8	11.1	1.63	.80	.94	1.00	36.2	10.6	1.88	.81	.97	1.00	34.6	10.1	2.17	.83	.99	1.00	32.8	9.6	2.50	.85	1.00	1.00
	1300	615	38.5	11.3	1.63	.82	.97	1.00	36.8	10.8	1.88	.83	.99	1.00	35.2	10.3	2.17	.85	1.00	1.00	33.6	9.8	2.49	.88	1.00	1.00
67°F (19°C)	1100	520	39.0	11.4	1.63	.61	.75	.88	37.6	11.0	1.88	.63	.77	.90	36.0	10.6	2.16	.64	.78	.92	34.2	10.0	2.49	.65	.80	.95
	1200	565	40.0	11.7	1.63	.63	.77	.91	38.5	11.3	1.88	.64	.79	.93	36.8	10.8	2.16	.65	.80	.95	34.8	10.2	2.48	.67	.82	.98
	1300	615	41.0	12.0	1.62	.64	.79	.93	39.0	11.4	1.87	.66	.81	.95	37.4	11.0	2.15	.66	.82	.98	35.4	10.4	2.47	.68	.85	1.00
71°F (22°C)	1100	520	41.5	12.2	1.62	.48	.60	.73	40.0	11.7	1.87	.48	.60	.74	38.0	11.1	2.15	.48	.61	.76	36.2	10.6	2.47	.49	.63	.78
	1200	565	42.5	12.5	1.62	.48	.61	.75	40.5	11.9	1.87	.48	.62	.76	39.0	11.4	2.15	.49	.64	.78	37.0	10.8	2.47	.50	.65	.80
	1300	615	43.0	12.6	1.62	.49	.63	.77	41.5	12.2	1.87	.49	.64	.78	39.5	11.6	2.14	.50	.65	.80	37.6	11.0	2.46	.50	.67	.82

HSXA19-048 - C33-62D - CX34-62D-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	49.0	14.4	2.93	.76	.90	1.00	47.0	13.8	3.28	.78	.92	1.00	44.5	13.0	3.67	.80	.94	1.00	42.0	12.3	4.10	.82	.97	1.00
	1600	755	50.5	14.8	2.95	.79	.94	1.00	48.5	14.2	3.30	.81	.96	1.00	46.0	13.5	3.69	.83	.99	1.00	43.5	12.7	4.12	.85	1.00	1.00
	1800	850	52.0	15.2	2.97	.82	.98	1.00	49.5	14.5	3.32	.84	1.00	1.00	47.0	13.8	3.71	.86	1.00	1.00	45.0	13.2	4.15	.89	1.00	1.00
67°F (19°C)	1400	660	52.0	15.2	2.97	.61	.74	.86	49.5	14.5	3.32	.62	.76	.88	47.0	13.8	3.71	.63	.77	.91	44.5	13.0	4.14	.65	.79	.94
	1600	755	53.5	15.7	2.99	.63	.77	.90	51.0	14.9	3.34	.64	.79	.93	48.5	14.2	3.73	.65	.81	.95	45.5	13.3	4.16	.67	.83	.98
	1800	850	54.5	16.0	3.00	.65	.80	.94	52.5	15.4	3.35	.66	.82	.97	49.5	14.5	3.74	.67	.84	.99	47.0	13.8	4.18	.69	.87	1.00
71°F (22°C)	1400	660	55.0	16.1	3.00	.47	.60	.72	52.5	15.4	3.36	.48	.60	.73	50.0	14.7	3.75	.48	.62	.75	47.0	13.8	4.18	.49	.63	.77
	1600	755	56.5	16.6	3.02	.48	.62	.75	54.0	15.8	3.38	.49	.63	.76	51.5	15.1	3.77	.49	.64	.78	48.5	14.2	4.20	.50	.65	.80
	1800	850	58.0	17.0	3.04	.49	.64	.78	55.0	16.1	3.39	.50	.65	.79	52.5	15.4	3.78	.50	.66	.81	49.5	14.5	4.22	.51	.68	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.0	10.3	1.64	.77	.90	1.00	33.6	9.8	1.90	.78	.92	1.00	32.0	9.4	2.19	.80	.94	1.00	30.2	8.9	2.52	.82	.97	1.00
	1200	565	35.6	10.4	1.64	.79	.93	1.00	34.2	10.0	1.89	.80	.95	1.00	32.6	9.6	2.18	.81	.97	1.00	30.8	9.0	2.51	.84	.99	1.00
	1300	615	36.2	10.6	1.64	.80	.95	1.00	34.8	10.2	1.89	.82	.97	1.00	33.0	9.7	2.18	.84	.99	1.00	31.6	9.3	2.50	.86	1.00	1.00
67°F (19°C)	1100	520	37.4	11.0	1.63	.61	.74	.87	35.8	10.5	1.89	.63	.76	.89	34.2	10.0	2.17	.63	.77	.91	32.4	9.5	2.50	.64	.79	.93
	1200	565	38.0	11.1	1.63	.63	.76	.89	36.6	10.7	1.88	.63	.77	.91	34.8	10.2	2.17	.64	.79	.93	33.0	9.7	2.50	.66	.81	.96
	1300	615	38.5	11.3	1.63	.64	.78	.91	37.0	10.8	1.88	.65	.79	.93	35.4	10.4	2.16	.66	.81	.96	33.4	9.8	2.49	.67	.83	.98
71°F (22°C)	1100	520	40.0	11.7	1.63	.47	.60	.72	38.0	11.1	1.88	.47	.61	.73	36.4	10.7	2.16	.48	.62	.74	34.6	10.1	2.48	.48	.63	.76
	1200	565	40.5	11.9	1.63	.47	.61	.73	39.0	11.4	1.88	.48	.62	.75	37.0	10.8	2.15	.49	.63	.76	35.2	10.3	2.48	.49	.64	.78
	1300	615	41.0	12.0	1.62	.48	.62	.75	39.5	11.6	1.87	.49	.63	.77	37.8	11.1	2.15	.50	.64	.78	35.8	10.5	2.47	.50	.66	.80

HSXA19-048 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.0	13.5	2.90	.76	.89	1.00	44.0	12.9	3.25	.77	.91	1.00	42.0	12.3	3.63	.79	.93	1.00	39.5	11.6	4.07	.80	.96	1.00
	1600	755	47.5	13.9	2.91	.78	.92	1.00	45.0	13.2	3.26	.80	.94	1.00	43.0	12.6	3.65	.81	.97	1.00	40.5	11.9	4.08	.84	.99	1.00
	1800	850	48.5	14.2	2.93	.81	.96	1.00	46.0	13.5	3.27	.82	.98	1.00	44.0	12.9	3.66	.84	.99	1.00	41.5	12.2	4.10	.87	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.93	.61	.73	.85	47.0	13.8	3.28	.62	.75	.87	44.5	13.0	3.67	.63	.76	.89	42.0	12.3	4.10	.64	.78	.92
	1600	755	50.5	14.8	2.95	.63	.76	.89	48.0	14.1	3.30	.64	.77	.91	45.5	13.3	3.68	.65	.79	.93	43.0	12.6	4.12	.66	.81	.96
	1800	850	51.5	15.1	2.96	.64	.78	.92	49.0	14.4	3.31	.65	.80	.95	46.5	13.6	3.70	.66	.82	.97	44.0	12.9	4.13	.68	.84	.99
71°F (22°C)	1400	660	52.0	15.2	2.97	.47	.60	.71	49.5	14.5	3.32	.47	.60	.72	47.0	13.8	3.70	.48	.62	.74	44.5	13.0	4.14	.48	.63	.76
	1600	755	53.5	15.7	2.98	.48	.61	.74	51.0	14.9	3.33	.48	.62	.75	48.5	14.2	3.72	.49	.63	.77	45.5	13.3	4.16	.49	.65	.79
	1800	850	54.5	16.0	3.00	.49	.63	.76	52.0	15.2	3.35	.49	.64	.78	49.5	14.5	3.74	.49	.65	.79	46.5	13.6	4.17	.51	.67	.82

HSXA19-048 - CR26-60N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.2	10.6	1.64	.78	.92	1.00	34.6	10.1	1.90	.79	.94	1.00	33.0	9.7	2.19	.81	.96	1.00	31.4	9.2	2.53	.83	.98	1.00
	1200	565	36.8	10.8	1.64	.80	.95	1.00	35.2	10.3	1.89	.81	.96	1.00	33.6	9.8	2.18	.83	.99	1.00	32.2	9.4	2.51	.85	1.00	1.00
	1300	615	37.4	11.0	1.64	.82	.97	1.00	36.0	10.6	1.89	.83	.99	1.00	34.6	10.1	2.18	.85	1.00	1.00	33.0	9.7	2.51	.88	1.00	1.00
67°F (19°C)	1100	520	38.5	11.3	1.63	.62	.75	.88	37.0	10.8	1.89	.63	.77	.90	35.4	10.4	2.17	.64	.78	.92	33.4	9.8	2.50	.65	.80	.95
	1200	565	39.5	11.6	1.63	.63	.77	.91	37.8	11.1	1.88	.64	.79	.93	36.0	10.6	2.17	.65	.80	.95	34.0	10.0	2.50	.67	.82	.98
	1300	615	40.0	11.7	1.63	.64	.79	.94	38.5	11.3	1.88	.65	.81	.95	36.6	10.7	2.17	.66	.83	.98	34.6	10.1	2.49	.68	.85	1.00
71°F (22°C)	1100	520	41.0	12.0	1.63	.47	.60	.73	39.5	11.6	1.88	.48	.61	.74	37.6	11.0	2.16	.48	.62	.75	35.6	10.4	2.49	.49	.64	.77
	1200	565	42.0	12.3	1.63	.48	.62	.75	40.0	11.7	1.88	.48	.63	.76	38.5	11.3	2.16	.49	.64	.78	36.4	10.7	2.48	.50	.65	.80
	1300	615	42.5	12.5	1.63	.49	.63	.76	41.0	12.0	1.87	.49	.64	.78	39.0	11.4	2.15	.50	.65	.80	36.8	10.8	2.48	.51	.66	.82

HSXA19-048 - CR26-60N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.92	.77	.91	1.00	45.5	13.3	3.27	.78	.93	1.00	43.5	12.7	3.65	.80	.95	1.00	41.0	12.0	4.09	.82	.98	1.00
	1600	755	49.0	14.4	2.93	.80	.95	1.00	47.0	13.8	3.28	.81	.97	1.00	44.5	13.0	3.67	.83	.99	1.00	42.0	12.3	4.10	.86	1.00	1.00
	1800	850	50.0	14.7	2.94	.83	.98	1.00	48.0	14.1	3.30	.85	.99	1.00	46.0	13.5	3.69	.87	1.00	1.00	43.5	12.7	4.13	.90	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.95	.61	.75	.87	48.5	14.2	3.30	.62	.76	.89	46.0	13.5	3.69	.64	.78	.92	43.5	12.7	4.12	.65	.80	.94
	1600	755	52.0	15.2	2.97	.64	.77	.91	50.0	14.7	3.32	.65	.79	.94	47.5	13.9	3.71	.66	.81	.96	44.5	13.0	4.14	.67	.83	.99
	1800	850	53.5	15.7	2.98	.65	.80	.95	51.0	14.9	3.34	.66	.82	.97	48.0	14.1	3.72	.68	.84	.99	45.5	13.3	4.15	.69	.87	1.00
71°F (22°C)	1400	660	53.5	15.7	2.99	.47	.60	.72	51.5	15.1	3.34	.47	.61	.74	49.0	14.4	3.73	.48	.62	.75	46.0	13.5	4.16	.48	.64	.77
	1600	755	55.0	16.1	3.01	.48	.62	.75	52.5	15.4	3.36	.48	.63	.77	50.0	14.7	3.75	.49	.64	.79	47.5	13.9	4.19	.50	.66	.81
	1800	850	56.5	16.6	3.02	.49	.64	.78	54.0	15.8	3.37	.50	.65	.80	51.0	14.9	3.76	.50	.67	.82	48.0	14.1	4.20	.51	.68	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH23-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.2	10.3	1.64	.76	.90	1.00	33.8	9.9	1.90	.78	.92	1.00	32.2	9.4	2.19	.79	.94	1.00	30.4	8.9	2.52	.81	.97	1.00
	1200	565	35.8	10.5	1.64	.78	.92	1.00	34.4	10.1	1.89	.79	.94	1.00	32.8	9.6	2.18	.81	.97	1.00	31.0	9.1	2.51	.83	.99	1.00
	1300	615	36.4	10.7	1.63	.80	.95	1.00	35.0	10.3	1.89	.81	.97	1.00	33.4	9.8	2.18	.83	.99	1.00	31.8	9.3	2.50	.85	1.00	1.00
67°F (19°C)	1100	520	37.6	11.0	1.63	.61	.74	.86	36.2	10.6	1.89	.62	.75	.88	34.4	10.1	2.17	.63	.76	.90	32.6	9.6	2.50	.64	.78	.93
	1200	565	38.5	11.3	1.63	.62	.75	.89	36.8	10.8	1.88	.63	.77	.91	35.0	10.3	2.16	.64	.78	.93	33.2	9.7	2.49	.65	.80	.96
	1300	615	39.0	11.4	1.63	.63	.77	.91	37.4	11.0	1.88	.64	.79	.93	35.6	10.4	2.16	.65	.80	.95	33.8	9.9	2.48	.66	.83	.98
71°F (22°C)	1100	520	40.0	11.7	1.63	.47	.59	.71	38.5	11.3	1.88	.47	.60	.72	36.8	10.8	2.16	.48	.61	.74	35.0	10.3	2.48	.49	.62	.76
	1200	565	41.0	12.0	1.63	.48	.60	.73	39.5	11.6	1.87	.48	.61	.74	37.4	11.0	2.15	.49	.62	.76	35.6	10.4	2.47	.49	.64	.78
	1300	615	41.5	12.2	1.62	.48	.61	.74	40.0	11.7	1.87	.48	.62	.76	38.0	11.1	2.15	.49	.64	.78	36.2	10.6	2.47	.50	.65	.80

HSXA19-048 - CH23-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.5	13.6	2.90	.75	.88	.99	44.5	13.0	3.25	.76	.90	1.00	42.0	12.3	3.63	.78	.92	1.00	39.5	11.6	4.07	.80	.95	1.00
	1600	755	47.5	13.9	2.92	.77	.92	1.00	45.5	13.3	3.26	.79	.94	1.00	43.0	12.6	3.65	.81	.96	1.00	40.5	11.9	4.08	.83	.98	1.00
	1800	850	48.5	14.2	2.93	.80	.95	1.00	46.5	13.6	3.28	.82	.97	1.00	44.0	12.9	3.67	.84	.99	1.00	42.0	12.3	4.10	.86	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.94	.60	.72	.85	47.0	13.8	3.29	.61	.74	.86	45.0	13.2	3.67	.62	.75	.89	42.5	12.5	4.11	.63	.77	.91
	1600	755	51.0	14.9	2.95	.62	.75	.88	48.5	14.2	3.30	.63	.77	.90	46.0	13.5	3.69	.64	.78	.93	43.5	12.7	4.13	.65	.81	.95
	1800	850	52.0	15.2	2.97	.63	.78	.92	49.5	14.5	3.32	.64	.79	.94	47.0	13.8	3.70	.66	.81	.96	44.0	12.9	4.14	.67	.84	.99
71°F (22°C)	1400	660	52.5	15.4	2.97	.46	.59	.70	50.0	14.7	3.32	.47	.60	.71	47.5	13.9	3.71	.47	.60	.73	45.0	13.2	4.15	.48	.62	.75
	1600	755	53.5	15.7	2.99	.47	.60	.73	51.5	15.1	3.34	.48	.61	.74	49.0	14.4	3.73	.48	.62	.76	46.0	13.5	4.17	.49	.64	.78
	1800	850	55.0	16.1	3.00	.48	.62	.75	52.5	15.4	3.36	.49	.63	.77	50.0	14.7	3.75	.50	.64	.79	47.0	13.8	4.18	.50	.66	.81

HSXA19-048 - CH23-65 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.6	10.4	1.64	.77	.90	1.00	34.2	10.0	1.90	.78	.92	1.00	32.4	9.5	2.18	.80	.95	1.00	30.8	9.0	2.51	.82	.97	1.00
	1200	565	36.4	10.7	1.64	.78	.93	1.00	34.8	10.2	1.89	.80	.95	1.00	33.2	9.7	2.18	.82	.97	1.00	31.4	9.2	2.51	.84	.99	1.00
	1300	615	37.0	10.8	1.63	.80	.95	1.00	35.4	10.4	1.89	.82	.97	1.00	33.8	9.9	2.17	.84	.99	1.00	32.2	9.4	2.50	.86	1.00	1.00
67°F (19°C)	1100	520	38.0	11.1	1.63	.61	.74	.87	36.6	10.7	1.88	.62	.75	.89	34.8	10.2	2.17	.63	.77	.91	33.0	9.7	2.50	.64	.79	.94
	1200	565	39.0	11.4	1.63	.62	.76	.89	37.2	10.9	1.88	.63	.77	.91	35.6	10.4	2.16	.64	.79	.94	33.6	9.8	2.49	.66	.81	.96
	1300	615	39.5	11.6	1.63	.63	.78	.92	37.8	11.1	1.88	.64	.79	.94	36.2	10.6	2.16	.65	.81	.96	34.2	10.0	2.48	.67	.83	.99
71°F (22°C)	1100	520	40.5	11.9	1.63	.47	.60	.71	39.0	11.4	1.87	.47	.60	.73	37.2	10.9	2.15	.48	.61	.74	35.4	10.4	2.48	.48	.63	.76
	1200	565	41.5	12.2	1.62	.47	.61	.73	39.5	11.6	1.87	.48	.62	.75	38.0	11.1	2.15	.48	.63	.76	36.0	10.6	2.47	.49	.64	.78
	1300	615	42.0	12.3	1.62	.48	.62	.75	40.5	11.9	1.87	.48	.63	.76	38.5	11.3	2.15	.49	.64	.78	36.4	10.7	2.47	.50	.65	.80

HSXA19-048 - CH23-65 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.0	13.8	2.91	.75	.89	1.00	45.0	13.2	3.26	.77	.91	1.00	42.5	12.5	3.64	.78	.93	1.00	40.0	11.7	4.07	.81	.96	1.00
	1600	755	48.5	14.2	2.92	.78	.92	1.00	46.0	13.5	3.27	.80	.95	1.00	43.5	12.7	3.66	.81	.97	1.00	41.5	12.2	4.09	.84	.99	1.00
	1800	850	49.5	14.5	2.94	.81	.96	1.00	47.0	13.8	3.29	.82	.98	1.00	45.0	13.2	3.67	.84	.99	1.00	42.5	12.5	4.11	.87	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.94	.61	.73	.85	48.0	14.1	3.29	.61	.74	.87	45.5	13.3	3.68	.62	.76	.89	43.0	12.6	4.12	.64	.78	.92
	1600	755	51.5	15.1	2.96	.62	.76	.89	49.0	14.4	3.31	.63	.77	.91	46.5	13.6	3.70	.64	.79	.94	44.0	12.9	4.13	.66	.81	.96
	1800	850	52.5	15.4	2.98	.64	.78	.93	50.0	14.7	3.33	.65	.80	.95	47.5	13.9	3.71	.66	.82	.97	45.0	13.2	4.15	.68	.85	.99
71°F (22°C)	1400	660	53.0	15.5	2.98	.46	.59	.71	50.5	14.8	3.33	.47	.60	.72	48.0	14.1	3.72	.47	.61	.73	45.5	13.3	4.16	.48	.62	.76
	1600	755	54.5	16.0	3.00	.47	.61	.73	52.0	15.2	3.35	.48	.62	.75	49.5	14.5	3.74	.48	.63	.77	47.0	13.8	4.18	.49	.64	.79
	1800	850	56.0	16.4	3.02	.48	.62	.76	53.5	15.7	3.37	.49	.63	.78	50.5	14.8	3.75	.49	.65	.80	47.5	13.9	4.19	.50	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH33-48C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.4	10.7	1.64	.77	.91	1.00	34.8	10.2	1.89	.79	.93	1.00	33.2	9.7	2.18	.80	.95	1.00	31.6	9.3	2.51	.82	.98	1.00
	1200	565	37.2	10.9	1.63	.79	.94	1.00	35.6	10.4	1.89	.81	.95	1.00	34.0	10.0	2.17	.82	.98	1.00	32.2	9.4	2.50	.85	1.00	1.00
	1300	615	37.8	11.1	1.63	.81	.96	1.00	36.2	10.6	1.88	.82	.98	1.00	34.6	10.1	2.17	.84	1.00	1.00	32.8	9.6	2.50	.87	1.00	1.00
67°F (19°C)	1100	520	39.0	11.4	1.63	.61	.75	.87	37.2	10.9	1.88	.63	.76	.89	35.4	10.4	2.16	.63	.78	.91	33.6	9.8	2.49	.65	.79	.94
	1200	565	39.5	11.6	1.63	.63	.76	.90	38.0	11.1	1.88	.64	.78	.92	36.2	10.6	2.16	.65	.80	.94	34.2	10.0	2.49	.66	.82	.97
	1300	615	40.0	11.7	1.63	.64	.78	.92	38.5	11.3	1.88	.65	.80	.94	36.6	10.7	2.16	.65	.81	.97	34.6	10.1	2.48	.67	.83	.99
71°F (22°C)	1100	520	41.0	12.0	1.62	.48	.59	.72	39.5	11.6	1.87	.48	.61	.73	37.8	11.1	2.15	.48	.62	.75	35.8	10.5	2.47	.49	.63	.76
	1200	565	42.0	12.3	1.62	.48	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.49	.63	.77	36.6	10.7	2.47	.49	.64	.79
	1300	615	43.0	12.6	1.62	.49	.62	.75	41.0	12.0	1.87	.49	.63	.76	39.0	11.4	2.14	.49	.64	.79	37.2	10.9	2.47	.50	.66	.81

HSXA19-048 - CH33-48C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.92	.76	.89	1.00	46.0	13.5	3.27	.77	.91	1.00	43.5	12.7	3.66	.79	.93	1.00	41.0	12.0	4.09	.81	.96	1.00
	1600	755	49.5	14.5	2.94	.78	.93	1.00	47.0	13.8	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.97	1.00	42.0	12.3	4.10	.84	1.00	1.00
	1800	850	50.5	14.8	2.95	.81	.96	1.00	48.5	14.2	3.30	.83	.98	1.00	46.0	13.5	3.69	.85	1.00	1.00	43.5	12.7	4.13	.87	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.96	.61	.73	.85	48.5	14.2	3.31	.61	.74	.87	46.0	13.5	3.69	.63	.76	.90	43.5	12.7	4.13	.64	.78	.92
	1600	755	52.5	15.4	2.97	.62	.76	.89	50.0	14.7	3.32	.64	.78	.92	47.5	13.9	3.71	.65	.79	.94	44.5	13.0	4.15	.66	.81	.97
	1800	850	53.5	15.7	2.99	.64	.79	.93	51.0	14.9	3.34	.65	.80	.95	48.5	14.2	3.72	.66	.82	.98	45.5	13.3	4.16	.68	.85	1.00
71°F (22°C)	1400	660	54.0	15.8	2.99	.47	.59	.71	51.5	15.1	3.34	.47	.60	.72	49.0	14.4	3.73	.48	.61	.74	46.5	13.6	4.17	.49	.62	.76
	1600	755	55.5	16.3	3.01	.48	.61	.73	53.0	15.5	3.36	.48	.62	.75	50.5	14.8	3.75	.49	.63	.77	47.5	13.9	4.19	.50	.65	.80
	1800	850	56.5	16.6	3.03	.49	.63	.76	54.0	15.8	3.38	.49	.64	.78	51.5	15.1	3.77	.50	.65	.80	48.5	14.2	4.20	.51	.66	.82

HSXA19-048 - CH33-50/60C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.8	10.8	1.63	.78	.91	1.00	35.2	10.3	1.89	.79	.94	1.00	33.6	9.8	2.17	.81	.96	1.00	32.0	9.4	2.50	.83	.98	1.00
	1200	565	37.6	11.0	1.63	.80	.94	1.00	36.0	10.6	1.89	.81	.96	1.00	34.4	10.1	2.17	.83	.99	1.00	32.6	9.6	2.50	.85	1.00	1.00
	1300	615	38.5	11.3	1.63	.81	.97	1.00	36.8	10.8	1.88	.83	.99	1.00	35.0	10.3	2.16	.85	1.00	1.00	33.4	9.8	2.49	.88	1.00	1.00
67°F (19°C)	1100	520	39.5	11.6	1.63	.62	.75	.88	37.6	11.0	1.88	.63	.76	.90	36.0	10.6	2.16	.64	.78	.92	34.0	10.0	2.49	.65	.80	.95
	1200	565	40.0	11.7	1.63	.63	.77	.90	38.5	11.3	1.88	.64	.78	.93	36.6	10.7	2.16	.65	.80	.95	34.6	10.1	2.48	.66	.82	.97
	1300	615	41.0	12.0	1.62	.64	.79	.93	39.0	11.4	1.87	.65	.80	.95	37.2	10.9	2.15	.66	.83	.97	35.2	10.3	2.47	.68	.85	1.00
71°F (22°C)	1100	520	41.5	12.2	1.62	.47	.60	.72	40.0	11.7	1.87	.48	.61	.74	38.5	11.3	2.15	.48	.62	.75	36.4	10.7	2.47	.49	.63	.77
	1200	565	42.5	12.5	1.62	.48	.61	.74	41.0	12.0	1.87	.48	.62	.76	39.0	11.4	2.15	.49	.63	.77	37.0	10.8	2.46	.49	.64	.79
	1300	615	43.5	12.7	1.62	.49	.63	.76	41.5	12.2	1.87	.49	.64	.78	39.5	11.6	2.14	.49	.65	.79	37.6	11.0	2.46	.50	.66	.81

HSXA19-048 - CH33-50/60C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.5	14.2	2.93	.76	.90	1.00	46.5	13.6	3.28	.78	.92	1.00	44.0	12.9	3.66	.79	.94	1.00	41.5	12.2	4.10	.81	.97	1.00
	1600	755	50.0	14.7	2.94	.79	.94	1.00	48.0	14.1	3.30	.81	.96	1.00	45.5	13.3	3.68	.83	.98	1.00	42.5	12.5	4.11	.85	1.00	1.00
	1800	850	51.5	15.1	2.96	.82	.97	1.00	49.0	14.4	3.31	.83	.99	1.00	46.5	13.6	3.70	.85	1.00	1.00	44.0	12.9	4.14	.88	1.00	1.00
67°F (19°C)	1400	660	51.5	15.1	2.96	.61	.73	.86	49.5	14.5	3.32	.62	.75	.88	47.0	13.8	3.70	.63	.77	.91	44.5	13.0	4.14	.64	.79	.93
	1600	755	53.0	15.5	2.98	.63	.77	.90	50.5	14.8	3.33	.64	.78	.92	48.0	14.1	3.72	.65	.80	.95	45.5	13.3	4.15	.66	.83	.98
	1800	850	54.5	16.0	3.00	.64	.79	.94	52.0	15.2	3.35	.66	.81	.96	49.0	14.4	3.73	.67	.83	.99	46.0	13.5	4.17	.68	.86	1.00
71°F (22°C)	1400	660	54.5	16.0	3.00	.47	.59	.71	52.5	15.4	3.35	.48	.60	.73	49.5	14.5	3.74	.48	.61	.74	47.0	13.8	4.18	.49	.63	.76
	1600	755	56.0	16.4	3.02	.48	.61	.74	53.5	15.7	3.37	.48	.63	.76	51.0	14.9	3.76	.49	.63	.77	48.0	14.1	4.20	.50	.65	.80
	1800	850	57.5	16.9	3.04	.49	.63	.77	55.0	16.1	3.39	.49	.64	.79	52.0	15.2	3.78	.50	.66	.81	49.0	14.4	4.21	.51	.67	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH33-60D-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.6	10.7	1.63	.77	.91	1.00	35.0	10.3	1.89	.79	.93	1.00	33.4	9.8	2.18	.80	.95	1.00	31.6	9.3	2.51	.83	.98	1.00
	1200	565	37.4	11.0	1.63	.79	.94	1.00	35.8	10.5	1.89	.81	.96	1.00	34.2	10.0	2.17	.83	.98	1.00	32.2	9.4	2.50	.84	1.00	1.00
	1300	615	38.0	11.1	1.63	.81	.96	1.00	36.4	10.7	1.88	.83	.98	1.00	34.8	10.2	2.17	.85	1.00	1.00	33.0	9.7	2.49	.87	1.00	1.00
67°F (19°C)	1100	520	39.0	11.4	1.63	.62	.75	.87	37.4	11.0	1.88	.62	.76	.89	35.6	10.4	2.16	.64	.78	.91	33.8	9.9	2.49	.65	.80	.94
	1200	565	39.5	11.6	1.63	.63	.76	.90	38.0	11.1	1.88	.64	.78	.92	36.2	10.6	2.16	.65	.80	.94	34.4	10.1	2.48	.66	.82	.97
	1300	615	40.5	11.9	1.63	.64	.79	.92	38.5	11.3	1.87	.65	.80	.95	36.8	10.8	2.16	.66	.82	.97	34.8	10.2	2.48	.67	.83	.99
71°F (22°C)	1100	520	41.5	12.2	1.62	.47	.60	.72	40.0	11.7	1.87	.48	.61	.73	38.0	11.1	2.15	.48	.62	.75	36.0	10.6	2.47	.49	.63	.77
	1200	565	42.0	12.3	1.62	.48	.61	.74	40.5	11.9	1.87	.48	.62	.76	38.5	11.3	2.15	.49	.63	.77	36.8	10.8	2.47	.50	.64	.79
	1300	615	43.0	12.6	1.62	.49	.62	.74	41.0	12.0	1.87	.49	.63	.78	39.5	11.6	2.14	.49	.64	.79	37.2	10.9	2.46	.50	.66	.81

HSXA19-048 - CH33-60D-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.92	.76	.89	1.00	46.0	13.5	3.27	.77	.91	1.00	43.5	12.7	3.66	.79	.94	1.00	41.0	12.0	4.09	.81	.96	1.00
	1600	755	49.5	14.5	2.94	.79	.93	1.00	47.5	13.9	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1800	850	51.0	14.9	2.95	.81	.97	1.00	48.5	14.2	3.31	.83	.99	1.00	46.0	13.5	3.69	.85	1.00	1.00	43.5	12.7	4.13	.88	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.96	.61	.73	.86	49.0	14.4	3.31	.62	.75	.88	46.5	13.6	3.70	.63	.77	.90	44.0	12.9	4.13	.64	.79	.93
	1600	755	52.5	15.4	2.98	.63	.76	.90	50.5	14.8	3.33	.63	.78	.92	48.0	14.1	3.72	.65	.80	.94	45.0	13.2	4.15	.66	.82	.97
	1800	850	54.0	15.8	2.99	.64	.79	.93	51.5	15.1	3.34	.65	.81	.96	48.5	14.2	3.73	.67	.83	.98	45.5	13.3	4.16	.68	.85	1.00
71°F (22°C)	1400	660	54.0	15.8	2.99	.47	.59	.71	52.0	15.2	3.35	.47	.60	.72	49.5	14.5	3.74	.48	.61	.74	46.5	13.6	4.17	.49	.62	.76
	1600	755	55.5	16.3	3.01	.48	.61	.74	53.5	15.7	3.37	.48	.62	.75	50.5	14.8	3.76	.49	.63	.77	48.0	14.1	4.19	.50	.65	.79
	1800	850	57.0	16.7	3.03	.49	.63	.77	54.5	16.0	3.38	.49	.64	.79	52.0	15.2	3.77	.50	.65	.80	48.5	14.2	4.21	.51	.67	.83

HSXA19-048 - CH33-62D-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.6	10.7	1.63	.77	.91	1.00	35.2	10.3	1.89	.79	.93	1.00	33.4	9.8	2.17	.80	.95	1.00	31.8	9.3	2.51	.82	.98	1.00
	1200	565	37.4	11.0	1.63	.79	.93	1.00	35.8	10.5	1.89	.81	.96	1.00	34.2	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.85	1.00	1.00
	1300	615	38.0	11.1	1.63	.81	.96	1.00	36.6	10.7	1.88	.83	.98	1.00	34.8	10.2	2.17	.84	1.00	1.00	33.2	9.7	2.49	.87	1.00	1.00
67°F (19°C)	1100	520	39.0	11.4	1.63	.62	.75	.87	37.4	11.0	1.88	.63	.76	.89	35.6	10.4	2.16	.64	.78	.91	33.8	9.9	2.48	.65	.80	.94
	1200	565	40.0	11.7	1.63	.63	.76	.90	38.0	11.1	1.88	.64	.78	.92	36.4	10.7	2.16	.65	.80	.94	34.6	10.1	2.48	.66	.82	.97
	1300	615	40.5	11.9	1.63	.64	.78	.92	39.0	11.4	1.87	.65	.80	.94	37.2	10.9	2.15	.66	.82	.97	35.2	10.3	2.48	.68	.84	.99
71°F (22°C)	1100	520	41.5	12.2	1.62	.47	.60	.72	39.5	11.6	1.87	.48	.61	.73	37.8	11.1	2.15	.48	.62	.75	36.0	10.6	2.47	.49	.63	.77
	1200	565	42.0	12.3	1.62	.48	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.14	.49	.63	.77	36.6	10.7	2.47	.49	.65	.79
	1300	615	43.0	12.6	1.62	.49	.62	.76	41.0	12.0	1.87	.49	.63	.77	39.5	11.6	2.14	.49	.65	.79	37.4	11.0	2.46	.50	.66	.81

HSXA19-048 - CH33-62D-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.5	14.2	2.93	.76	.89	1.00	46.5	13.6	3.28	.77	.91	1.00	44.0	12.9	3.66	.79	.93	1.00	41.5	12.2	4.10	.81	.96	1.00
	1600	755	50.0	14.7	2.94	.79	.93	1.00	48.0	14.1	3.29	.80	.95	1.00	45.5	13.3	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1800	850	51.5	15.1	2.96	.81	.96	1.00	49.0	14.4	3.31	.83	.99	1.00	46.5	13.6	3.69	.85	1.00	1.00	44.0	12.9	4.13	.88	1.00	1.00
67°F (19°C)	1400	660	51.5	15.1	2.96	.61	.73	.86	49.0	14.4	3.31	.62	.75	.87	46.5	13.6	3.70	.63	.77	.90	44.0	12.9	4.14	.64	.79	.93
	1600	755	53.0	15.5	2.98	.63	.76	.89	50.5	14.8	3.33	.64	.78	.91	48.0	14.1	3.72	.65	.80	.94	45.5	13.3	4.15	.66	.82	.97
	1800	850	54.5	16.0	3.00	.64	.79	.93	52.0	15.2	3.35	.66	.81	.95	49.0	14.4	3.74	.67	.83	.98	46.5	13.6	4.17	.68	.85	1.00
71°F (22°C)	1400	660	54.0	15.8	3.00	.47	.59	.71	52.0	15.2	3.35	.47	.60	.72	49.5	14.5	3.74	.48	.61	.74	46.5	13.6	4.18	.49	.63	.76
	1600	755	56.0	16.4	3.02	.48	.61	.74	53.5	15.7	3.37	.49	.62	.75	51.0	14.9	3.76	.49	.63	.77	48.0	14.1	4.20	.50	.65	.79
	1800	850	57.0	16.7	3.03	.49	.63	.76	54.5	16.0	3.39	.49	.64	.78	52.0	15.2	3.78	.50	.66	.80	49.0	14.4	4.21	.51	.67	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH23-68 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.8	10.8	1.63	.78	.92	1.00	35.4	10.4	1.89	.79	.94	1.00	33.6	9.8	2.18	.81	.96	1.00	32.0	9.4	2.50	.83	.98	1.00
	1200	565	37.6	11.0	1.63	.80	.94	1.00	36.0	10.6	1.88	.81	.96	1.00	34.4	10.1	2.17	.83	.98	1.00	32.8	9.6	2.50	.85	1.00	1.00
	1300	615	38.5	11.3	1.63	.82	.97	1.00	36.8	10.8	1.88	.83	.99	1.00	35.2	10.3	2.17	.86	1.00	1.00	33.6	9.8	2.49	.88	1.00	1.00
67°F (19°C)	1100	520	39.5	11.6	1.63	.62	.75	.88	37.8	11.1	1.88	.62	.77	.90	36.0	10.6	2.16	.64	.78	.92	34.2	10.0	2.49	.65	.80	.95
	1200	565	40.5	11.9	1.63	.63	.77	.91	38.5	11.3	1.88	.64	.79	.93	36.8	10.8	2.16	.65	.80	.95	34.8	10.2	2.48	.66	.83	.98
	1300	615	41.0	12.0	1.62	.64	.79	.93	39.0	11.4	1.87	.65	.81	.95	37.4	11.0	2.15	.66	.83	.98	35.4	10.4	2.47	.68	.85	1.00
71°F (22°C)	1100	520	42.0	12.3	1.62	.47	.60	.72	40.5	11.9	1.87	.47	.61	.74	38.5	11.3	2.15	.48	.62	.75	36.6	10.7	2.47	.49	.63	.77
	1200	565	43.0	12.6	1.62	.48	.61	.74	41.5	12.2	1.87	.48	.62	.76	39.5	11.6	2.14	.49	.63	.78	37.2	10.9	2.46	.49	.65	.80
	1300	615	44.0	12.9	1.62	.48	.62	.76	42.0	12.3	1.87	.49	.64	.78	40.0	11.7	2.14	.50	.65	.80	37.8	11.1	2.46	.50	.66	.82

HSXA19-048 - CH23-68 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	49.0	14.4	2.93	.77	.90	1.00	46.5	13.6	3.28	.78	.92	1.00	44.5	13.0	3.66	.80	.94	1.00	42.0	12.3	4.10	.82	.97	1.00
	1600	755	50.5	14.8	2.95	.80	.94	1.00	48.0	14.1	3.30	.81	.96	1.00	45.5	13.3	3.69	.83	.98	1.00	43.5	12.7	4.13	.86	1.00	1.00
	1800	850	51.5	15.1	2.96	.83	.98	1.00	49.5	14.5	3.32	.85	.99	1.00	47.0	13.8	3.71	.87	1.00	1.00	45.0	13.2	4.15	.90	1.00	1.00
67°F (19°C)	1400	660	52.0	15.2	2.97	.61	.74	.87	49.5	14.5	3.32	.62	.76	.89	47.0	13.8	3.71	.63	.77	.91	44.5	13.0	4.14	.64	.79	.94
	1600	755	53.5	15.7	2.99	.63	.77	.91	51.0	14.9	3.34	.64	.79	.93	48.5	14.2	3.73	.65	.81	.96	45.5	13.3	4.16	.67	.83	.98
	1800	850	55.0	16.1	3.00	.65	.80	.95	52.5	15.4	3.35	.66	.82	.97	49.5	14.5	3.74	.67	.84	.99	46.5	13.6	4.17	.69	.87	1.00
71°F (22°C)	1400	660	55.5	16.3	3.01	.47	.59	.72	53.0	15.5	3.36	.47	.60	.73	50.5	14.8	3.75	.48	.62	.75	47.5	13.9	4.19	.49	.63	.77
	1600	755	57.0	16.7	3.03	.48	.62	.75	54.5	16.0	3.38	.48	.63	.76	51.5	15.1	3.77	.49	.64	.79	48.5	14.2	4.21	.50	.66	.81
	1800	850	58.5	17.1	3.05	.49	.64	.78	55.5	16.3	3.40	.49	.65	.80	53.0	15.5	3.78	.50	.66	.82	50.0	14.7	4.22	.51	.68	.85

HSXA19-048 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.4	10.4	1.64	.77	.91	1.00	33.8	9.9	1.90	.78	.94	1.00	32.2	9.4	2.18	.80	.96	1.00	30.6	9.0	2.51	.82	.98	1.00
	1200	565	36.2	10.6	1.64	.79	.94	1.00	34.6	10.1	1.89	.80	.96	1.00	33.0	9.7	2.18	.82	.98	1.00	31.4	9.2	2.51	.85	1.00	1.00
	1250	590	36.4	10.7	1.63	.80	.96	1.00	34.8	10.2	1.89	.81	.97	1.00	33.2	9.7	2.18	.83	.99	1.00	31.6	9.3	2.51	.86	1.00	1.00
67°F (19°C)	1100	520	37.8	11.1	1.63	.60	.74	.88	36.2	10.6	1.88	.61	.76	.90	34.6	10.1	2.17	.62	.78	.92	32.6	9.6	2.49	.64	.79	.95
	1200	565	38.5	11.3	1.63	.62	.76	.91	36.8	10.8	1.88	.62	.78	.93	35.2	10.3	2.17	.64	.80	.95	33.2	9.7	2.49	.65	.82	.97
	1250	590	39.0	11.4	1.63	.62	.77	.92	37.2	10.9	1.88	.63	.79	.94	35.4	10.4	2.16	.64	.81	.96	33.4	9.8	2.49	.66	.83	.98
71°F (22°C)	1100	520	40.0	11.7	1.63	.46	.59	.72	38.5	11.3	1.88	.46	.60	.73	36.6	10.7	2.16	.46	.61	.75	34.8	10.2	2.48	.47	.62	.77
	1200	565	41.0	12.0	1.62	.46	.60	.73	39.0	11.4	1.87	.47	.61	.75	37.2	10.9	2.15	.47	.62	.77	35.4	10.4	2.48	.48	.64	.79
	1250	590	41.0	12.0	1.62	.46	.61	.75	39.5	11.6	1.87	.47	.62	.76	37.6	11.0	2.15	.47	.63	.78	35.8	10.5	2.47	.48	.64	.80

HSXA19-048 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.0	13.5	2.90	.76	.90	1.00	44.0	12.9	3.25	.77	.92	1.00	41.5	12.2	3.63	.79	.95	1.00	39.0	11.4	4.06	.81	.97	1.00
	1500	710	46.5	13.6	2.90	.77	.92	1.00	44.5	13.0	3.26	.79	.95	1.00	42.0	12.3	3.64	.81	.97	1.00	40.0	11.7	4.07	.83	.99	1.00
	1550	730	47.0	13.8	2.91	.78	.93	1.00	45.0	13.2	3.26	.80	.95	1.00	42.5	12.5	3.64	.82	.97	1.00	40.0	11.7	4.07	.84	.99	1.00
67°F (19°C)	1400	660	49.0	14.4	2.93	.60	.74	.87	46.5	13.6	3.28	.61	.75	.89	44.5	13.0	3.67	.62	.77	.91	42.0	12.3	4.10	.63	.79	.94
	1500	710	49.5	14.5	2.94	.61	.75	.89	47.5	13.9	3.29	.62	.77	.91	45.0	13.2	3.67	.63	.78	.94	42.0	12.3	4.11	.64	.81	.96
	1550	730	50.0	14.7	2.94	.61	.76	.90	47.5	13.9	3.29	.62	.77	.92	45.0	13.2	3.68	.63	.79	.95	42.5	12.5	4.11	.65	.82	.97
71°F (22°C)	1400	660	51.5	15.1	2.96	.46	.59	.71	49.0	14.4	3.31	.46	.60	.73	47.0	13.8	3.70	.46	.61	.74	44.0	12.9	4.14	.47	.62	.76
	1500	710	52.5	15.4	2.97	.46	.60	.73	50.0	14.7	3.32	.46	.60	.74	47.5	13.9	3.71	.47	.62	.76	45.0	13.2	4.15	.47	.63	.78
	1550	730	52.5	15.4	2.97	.46	.60	.73	50.0	14.7	3.33	.47	.61	.75	47.5	13.9	3.71	.47	.62	.77	45.0	13.2	4.15	.48	.64	.79

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CB30U-41/46 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	35.6	10.4	1.64	.78	.93	1.00	34.2	10.0	1.90	.80	.95	1.00	32.6	9.6	2.18	.81	.97	1.00	31.0	9.1	2.51	.84	.99	1.00
	1200	565	36.4	10.7	1.63	.81	.95	1.00	34.8	10.2	1.89	.82	.97	1.00	33.2	9.7	2.18	.84	.99	1.00	31.6	9.3	2.51	.86	1.00	1.00
	1250	590	36.6	10.7	1.63	.82	.97	1.00	35.2	10.3	1.89	.83	.98	1.00	33.6	9.8	2.18	.85	1.00	1.00	32.0	9.4	2.50	.87	1.00	1.00
67°F (19°C)	1100	520	38.0	11.1	1.63	.62	.75	.89	36.4	10.7	1.88	.63	.77	.91	34.8	10.2	2.17	.64	.79	.93	33.0	9.7	2.50	.65	.81	.96
	1200	565	38.5	11.3	1.63	.63	.78	.92	37.2	10.9	1.88	.64	.79	.94	35.4	10.4	2.16	.65	.81	.96	33.4	9.8	2.49	.67	.84	.98
	1250	590	39.0	11.4	1.63	.64	.79	.93	37.4	11.0	1.88	.65	.81	.95	35.6	10.4	2.16	.66	.82	.97	33.8	9.9	2.49	.68	.85	.99
71°F (22°C)	1100	520	40.5	11.9	1.63	.47	.60	.73	38.5	11.3	1.87	.48	.61	.74	36.8	10.8	2.15	.48	.62	.76	35.0	10.3	2.48	.49	.64	.78
	1200	565	41.0	12.0	1.62	.48	.62	.75	39.5	11.6	1.87	.48	.63	.77	37.6	11.0	2.15	.49	.64	.79	35.6	10.4	2.47	.50	.65	.81
	1250	590	41.5	12.2	1.62	.48	.62	.76	39.5	11.6	1.87	.49	.63	.78	37.8	11.1	2.15	.49	.65	.80	36.0	10.6	2.47	.50	.66	.82

HSXA19-048 - CB30U-41/46 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.5	13.6	2.90	.77	.91	1.00	44.0	12.9	3.25	.79	.94	1.00	42.0	12.3	3.64	.81	.96	1.00	39.5	11.6	4.07	.83	.98	1.00
	1500	710	47.0	13.8	2.91	.79	.94	1.00	45.0	13.2	3.26	.80	.96	1.00	42.5	12.5	3.64	.82	.98	1.00	40.0	11.7	4.07	.85	.99	1.00
	1550	730	47.5	13.9	2.91	.80	.95	1.00	45.0	13.2	3.26	.81	.97	1.00	43.0	12.6	3.65	.83	.98	1.00	40.5	11.9	4.08	.86	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.93	.62	.75	.88	47.0	13.8	3.28	.63	.76	.90	44.5	13.0	3.67	.64	.78	.92	42.0	12.3	4.10	.65	.80	.95
	1500	710	50.0	14.7	2.94	.62	.76	.90	47.5	13.9	3.29	.64	.78	.92	45.0	13.2	3.68	.65	.80	.95	42.5	12.5	4.11	.66	.82	.97
	1550	730	50.0	14.7	2.95	.63	.77	.91	48.0	14.1	3.30	.64	.79	.94	45.5	13.3	3.68	.65	.81	.96	43.0	12.6	4.12	.67	.83	.98
71°F (22°C)	1400	660	52.0	15.2	2.97	.47	.60	.72	49.5	14.5	3.32	.48	.61	.74	47.0	13.8	3.70	.48	.62	.76	44.5	13.0	4.14	.49	.64	.78
	1500	710	52.5	15.4	2.98	.48	.61	.74	50.0	14.7	3.33	.48	.62	.76	47.5	13.9	3.71	.49	.63	.78	45.0	13.2	4.15	.49	.65	.80
	1550	730	53.0	15.5	2.98	.48	.61	.75	50.5	14.8	3.33	.49	.63	.76	48.0	14.1	3.72	.49	.64	.78	45.5	13.3	4.16	.50	.66	.81

HSXA19-048 - CB31MV-41 - CBX32MV-036 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.6	10.1	1.64	.75	.89	1.00	33.2	9.7	1.90	.76	.90	1.00	31.6	9.3	2.19	.78	.93	1.00	30.0	8.8	2.52	.80	.95	1.00
	1080	510	35.2	10.3	1.64	.77	.91	1.00	33.8	9.9	1.90	.78	.93	1.00	32.2	9.4	2.19	.80	.95	1.00	30.6	9.0	2.52	.82	.98	1.00
	1085	510	35.4	10.4	1.64	.77	.91	1.00	33.8	9.9	1.90	.78	.93	1.00	32.2	9.4	2.18	.80	.95	1.00	30.6	9.0	2.52	.82	.98	1.00
67°F (19°C)	1000	470	37.0	10.8	1.63	.59	.72	.85	35.4	10.4	1.89	.60	.74	.87	33.8	9.9	2.17	.61	.75	.89	32.0	9.4	2.50	.62	.77	.92
	1080	510	37.6	11.0	1.63	.60	.74	.87	36.0	10.6	1.88	.61	.75	.89	34.4	10.1	2.17	.62	.77	.91	32.6	9.6	2.50	.63	.79	.94
	1085	510	37.6	11.0	1.63	.60	.74	.87	36.2	10.6	1.88	.61	.75	.89	34.4	10.1	2.17	.62	.77	.92	32.6	9.6	2.49	.63	.79	.94
71°F (22°C)	1000	470	39.0	11.4	1.63	.45	.58	.70	37.6	11.0	1.88	.46	.58	.71	35.8	10.5	2.16	.46	.59	.72	34.0	10.0	2.49	.46	.60	.74
	1080	510	40.0	11.7	1.63	.46	.59	.71	38.5	11.3	1.88	.46	.59	.73	36.6	10.7	2.16	.46	.61	.74	34.6	10.1	2.48	.47	.62	.76
	1085	510	40.0	11.7	1.63	.46	.59	.71	38.5	11.3	1.88	.46	.60	.73	36.6	10.7	2.16	.46	.61	.74	34.6	10.1	2.48	.47	.62	.76

HSXA19-048 - CB31MV-41 - CBX32MV-036 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.0	13.5	2.90	.76	.90	1.00	44.0	12.9	3.25	.77	.92	1.00	41.5	12.2	3.63	.79	.95	1.00	39.0	11.4	4.06	.81	.97	1.00
	1545	730	47.0	13.8	2.91	.78	.93	1.00	44.5	13.0	3.26	.80	.95	1.00	42.5	12.5	3.64	.82	.97	1.00	40.0	11.7	4.07	.84	.99	1.00
	1550	730	47.0	13.8	2.91	.78	.93	1.00	45.0	13.2	3.26	.80	.95	1.00	42.5	12.5	3.64	.82	.97	1.00	40.0	11.7	4.07	.84	.99	1.00
67°F (19°C)	1400	660	49.0	14.4	2.93	.60	.74	.87	46.5	13.6	3.28	.61	.75	.89	44.5	13.0	3.67	.62	.77	.91	42.0	12.3	4.10	.63	.79	.94
	1545	730	50.0	14.7	2.94	.61	.76	.90	47.5	13.9	3.29	.62	.77	.92	45.0	13.2	3.68	.63	.79	.94	42.5	12.5	4.11	.65	.82	.97
	1550	730	50.0	14.7	2.94	.61	.76	.90	47.5	13.9	3.29	.62	.77	.92	45.0	13.2	3.68	.63	.79	.95	42.5	12.5	4.11	.65	.82	.97
71°F (22°C)	1400	660	51.5	15.1	2.96	.46	.59	.71	49.0	14.4	3.31	.46	.60	.73	47.0	13.8	3.70	.46	.61	.74	44.0	12.9	4.14	.47	.62	.76
	1545	730	52.5	15.4	2.97	.46	.60	.73	50.0	14.7	3.33	.47	.61	.75	47.5	13.9	3.71	.47	.62	.77	45.0	13.2	4.15	.48	.64	.79
	1550	730	52.5	15.4	2.97	.46	.60	.73	50.0	14.7	3.33	.47	.61	.75	47.5	13.9	3.71	.47	.62	.77	45.0	13.2	4.15	.48	.64	.79

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CB30U-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.2	10.6	1.64	.78	.92	1.00	34.8	10.2	1.89	.80	.94	1.00	33.2	9.7	2.18	.82	.96	1.00	31.6	9.3	2.51	.84	.99	1.00
	1200	565	37.0	10.8	1.63	.80	.95	1.00	35.4	10.4	1.89	.82	.97	1.00	33.8	9.9	2.17	.84	.99	1.00	32.2	9.4	2.50	.86	1.00	1.00
	1300	615	37.8	11.1	1.63	.82	.97	1.00	36.2	10.6	1.88	.84	.99	1.00	34.6	10.1	2.17	.86	1.00	1.00	33.0	9.7	2.49	.88	1.00	1.00
67°F (19°C)	1100	520	38.5	11.3	1.63	.62	.76	.89	37.0	10.8	1.88	.63	.77	.91	35.2	10.3	2.16	.64	.79	.93	33.4	9.8	2.49	.65	.81	.95
	1200	565	39.5	11.6	1.63	.63	.77	.91	37.6	11.0	1.88	.64	.79	.93	36.0	10.6	2.16	.65	.81	.96	34.0	10.0	2.49	.67	.83	.98
	1300	615	40.0	11.7	1.63	.65	.80	.94	38.5	11.3	1.88	.66	.81	.96	36.6	10.7	2.16	.67	.83	.98	34.6	10.1	2.48	.68	.86	1.00
71°F (22°C)	1100	520	41.0	12.0	1.62	.47	.60	.73	39.5	11.6	1.87	.48	.61	.74	37.8	11.1	2.15	.48	.63	.76	35.8	10.5	2.47	.49	.64	.78
	1200	565	42.0	12.3	1.62	.48	.61	.75	40.5	11.9	1.87	.48	.63	.76	38.5	11.3	2.15	.49	.64	.78	36.4	10.7	2.47	.49	.65	.80
	1300	615	42.5	12.5	1.62	.49	.63	.77	41.0	12.0	1.87	.49	.64	.79	39.0	11.4	2.14	.50	.66	.81	37.0	10.8	2.46	.51	.67	.83

HSXA19-048 - CB30U-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.5	13.9	2.92	.77	.91	1.00	45.5	13.3	3.27	.79	.93	1.00	43.5	12.7	3.65	.80	.95	1.00	41.0	12.0	4.09	.83	.98	1.00
	1600	755	49.0	14.4	2.94	.80	.95	1.00	47.0	13.8	3.29	.82	.97	1.00	45.0	13.2	3.67	.84	.99	1.00	42.5	12.5	4.10	.86	1.00	1.00
	1800	850	50.5	14.8	2.95	.83	.98	1.00	48.5	14.2	3.30	.85	1.00	1.00	46.0	13.5	3.69	.87	1.00	1.00	44.0	12.9	4.13	.90	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.95	.61	.75	.88	48.5	14.2	3.30	.63	.76	.90	46.0	13.5	3.69	.64	.78	.92	43.5	12.7	4.12	.65	.80	.95
	1600	755	52.0	15.2	2.97	.63	.78	.92	49.5	14.5	3.32	.64	.79	.94	47.5	13.9	3.71	.66	.81	.96	44.5	13.0	4.14	.67	.84	.99
	1800	850	53.5	15.7	2.99	.65	.81	.96	51.0	14.9	3.34	.66	.83	.98	48.5	14.2	3.72	.68	.85	.99	45.5	13.3	4.15	.70	.88	1.00
71°F (22°C)	1400	660	53.5	15.7	2.99	.47	.60	.72	51.5	15.1	3.34	.48	.61	.74	49.0	14.4	3.73	.48	.62	.75	46.0	13.5	4.17	.49	.64	.78
	1600	755	55.5	16.3	3.01	.48	.62	.75	53.0	15.5	3.36	.48	.63	.77	50.0	14.7	3.75	.49	.64	.79	47.5	13.9	4.19	.50	.66	.81
	1800	850	56.5	16.6	3.03	.49	.64	.78	54.0	15.8	3.38	.50	.65	.80	51.5	15.1	3.77	.50	.67	.83	48.5	14.2	4.20	.51	.69	.85

HSXA19-048 - CB30U-65 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.8	10.8	1.63	.78	.93	1.00	35.2	10.3	1.89	.80	.95	1.00	33.6	9.8	2.17	.82	.97	1.00	32.0	9.4	2.50	.84	.99	1.00
	1200	565	37.6	11.0	1.63	.80	.95	1.00	36.0	10.6	1.89	.82	.97	1.00	34.4	10.1	2.17	.84	.99	1.00	32.6	9.6	2.50	.86	1.00	1.00
	1300	615	38.5	11.3	1.63	.83	.98	1.00	36.8	10.8	1.88	.84	1.00	1.00	35.2	10.3	2.16	.87	1.00	1.00	33.6	9.8	2.49	.89	1.00	1.00
67°F (19°C)	1100	520	39.5	11.6	1.63	.62	.76	.89	37.6	11.0	1.88	.63	.77	.91	35.8	10.5	2.16	.64	.79	.94	34.0	10.0	2.49	.65	.81	.96
	1200	565	40.0	11.7	1.63	.63	.78	.92	38.5	11.3	1.88	.64	.79	.94	36.4	10.7	2.16	.65	.81	.96	34.4	10.1	2.48	.66	.83	.99
	1300	615	41.0	12.0	1.62	.65	.80	.95	39.0	11.4	1.87	.66	.82	.97	37.2	10.9	2.15	.67	.84	.99	35.2	10.3	2.48	.69	.86	1.00
71°F (22°C)	1100	520	41.5	12.2	1.62	.47	.60	.73	40.0	11.7	1.87	.48	.61	.75	38.0	11.1	2.15	.48	.63	.76	36.2	10.6	2.47	.49	.64	.78
	1200	565	42.5	12.5	1.62	.48	.61	.75	40.5	11.9	1.87	.48	.62	.76	39.0	11.4	2.15	.48	.64	.78	36.8	10.8	2.47	.49	.65	.80
	1300	615	43.5	12.7	1.62	.49	.63	.77	41.5	12.2	1.87	.49	.64	.79	39.5	11.6	2.14	.50	.66	.81	37.4	11.0	2.46	.50	.67	.83

HSXA19-048 - CB30U-65 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.5	14.2	2.93	.77	.91	1.00	46.5	13.6	3.28	.79	.94	1.00	44.0	12.9	3.66	.81	.96	1.00	41.5	12.2	4.09	.83	.98	1.00
	1600	755	49.5	14.5	2.94	.80	.96	1.00	47.5	13.9	3.29	.82	.97	1.00	45.0	13.2	3.68	.84	.99	1.00	42.5	12.5	4.11	.87	1.00	1.00
	1800	850	51.0	14.9	2.96	.84	.99	1.00	49.0	14.4	3.31	.86	1.00	1.00	46.5	13.6	3.70	.88	1.00	1.00	44.5	13.0	4.14	.91	1.00	1.00
67°F (19°C)	1400	660	51.5	15.1	2.96	.62	.75	.88	49.0	14.4	3.31	.62	.76	.90	46.5	13.6	3.70	.64	.78	.93	44.0	12.9	4.14	.65	.81	.95
	1600	755	53.0	15.5	2.98	.63	.78	.92	50.5	14.8	3.33	.64	.80	.94	48.0	14.1	3.72	.66	.82	.97	45.0	13.2	4.15	.67	.84	.99
	1800	850	54.0	15.8	2.99	.65	.81	.96	51.5	15.1	3.34	.67	.83	.98	49.0	14.4	3.73	.68	.86	1.00	46.0	13.5	4.16	.70	.88	1.00
71°F (22°C)	1400	660	54.5	16.0	3.00	.47	.60	.72	52.0	15.2	3.35	.48	.61	.74	49.5	14.5	3.74	.48	.62	.76	46.5	13.6	4.18	.49	.64	.78
	1600	755	56.0	16.4	3.01	.48	.62	.75	53.5	15.7	3.37	.48	.63	.77	50.5	14.8	3.76	.49	.64	.79	48.0	14.1	4.19	.50	.66	.82
	1800	850	57.0	16.7	3.03	.49	.64	.79	54.5	16.0	3.38	.50	.65	.81	52.0	15.2	3.77	.50	.67	.83	49.0	14.4	4.21	.51	.69	.86

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1090	515	36.4	10.7	1.63	.77	.91	1.00	34.8	10.2	1.89	.78	.93	1.00	33.2	9.7	2.18	.80	.96	1.00	31.6	9.3	2.51	.82	.98	1.00
	1140	540	36.8	10.8	1.63	.78	.93	1.00	35.2	10.3	1.89	.79	.95	1.00	33.6	9.8	2.17	.81	.97	1.00	31.8	9.3	2.51	.83	.99	1.00
	1205	570	37.2	10.9	1.63	.79	.95	1.00	35.8	10.5	1.89	.81	.97	1.00	34.0	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.85	1.00	1.00
67°F (19°C)	1090	515	39.0	11.4	1.63	.60	.74	.88	37.2	10.9	1.88	.61	.75	.90	35.4	10.4	2.16	.62	.77	.92	33.6	9.8	2.49	.63	.79	.94
	1140	540	39.0	11.4	1.63	.61	.75	.89	37.6	11.0	1.88	.62	.76	.91	35.8	10.5	2.16	.63	.78	.93	34.0	10.0	2.49	.64	.80	.96
	1205	570	39.5	11.6	1.63	.61	.76	.91	38.0	11.1	1.88	.62	.78	.93	36.2	10.6	2.16	.64	.80	.95	34.4	10.1	2.48	.65	.82	.98
71°F (22°C)	1090	515	41.0	12.0	1.62	.45	.59	.71	39.5	11.6	1.87	.46	.59	.73	37.8	11.1	2.15	.46	.60	.74	35.8	10.5	2.47	.47	.62	.76
	1140	540	41.5	12.2	1.62	.46	.59	.72	40.0	11.7	1.87	.46	.60	.74	38.0	11.1	2.15	.46	.61	.75	36.2	10.6	2.47	.47	.62	.78
	1205	570	42.0	12.3	1.62	.46	.60	.74	40.5	11.9	1.87	.46	.61	.75	38.5	11.3	2.15	.47	.62	.77	36.6	10.7	2.47	.47	.64	.79

HSXA19-048 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1555	735	49.0	14.4	2.93	.78	.93	1.00	47.0	13.8	3.28	.80	.96	1.00	44.5	13.0	3.67	.82	.98	1.00	42.0	12.3	4.10	.84	1.00	1.00
	1625	765	49.5	14.5	2.94	.79	.95	1.00	47.0	13.8	3.29	.81	.97	1.00	45.0	13.2	3.68	.83	.99	1.00	42.5	12.5	4.11	.85	1.00	1.00
	1725	815	50.0	14.7	2.94	.81	.97	1.00	48.0	14.1	3.30	.82	.98	1.00	45.5	13.3	3.69	.85	1.00	1.00	43.0	12.6	4.12	.87	1.00	1.00
67°F (19°C)	1555	735	52.0	15.2	2.97	.61	.76	.90	50.0	14.7	3.32	.62	.77	.92	47.5	13.9	3.71	.63	.79	.95	44.5	13.0	4.14	.65	.82	.97
	1625	765	52.5	15.4	2.98	.62	.77	.91	50.0	14.7	3.32	.63	.78	.94	47.5	13.9	3.71	.64	.80	.96	45.0	13.2	4.15	.65	.83	.98
	1725	815	53.0	15.5	2.98	.63	.78	.93	51.0	14.9	3.33	.64	.80	.96	48.0	14.1	3.72	.65	.82	.98	45.5	13.3	4.15	.67	.85	1.00
71°F (22°C)	1555	735	55.0	16.1	3.01	.46	.60	.73	52.5	15.4	3.36	.46	.61	.75	50.0	14.7	3.75	.47	.62	.77	47.0	13.8	4.19	.47	.63	.79
	1625	765	55.5	16.3	3.01	.46	.60	.74	53.0	15.5	3.36	.46	.62	.76	50.5	14.8	3.75	.47	.63	.78	47.5	13.9	4.19	.48	.64	.80
	1725	815	56.0	16.4	3.02	.46	.61	.76	53.5	15.7	3.37	.47	.63	.78	51.0	14.9	3.76	.48	.64	.80	48.0	14.1	4.20	.48	.65	.82

HSXA19-048 - CB30M-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.6	10.7	1.63	.77	.92	1.00	35.0	10.3	1.89	.78	.94	1.00	33.2	9.7	2.18	.80	.96	1.00	31.6	9.3	2.51	.82	.98	1.00
	1200	565	37.2	10.9	1.63	.79	.94	1.00	35.6	10.4	1.89	.80	.96	1.00	34.0	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.84	1.00	1.00
	1300	615	38.0	11.1	1.63	.81	.97	1.00	36.4	10.7	1.88	.83	.99	1.00	34.8	10.2	2.17	.84	1.00	1.00	33.2	9.7	2.50	.87	1.00	1.00
67°F (19°C)	1100	520	39.0	11.4	1.63	.60	.74	.88	37.2	10.9	1.88	.61	.76	.90	35.6	10.4	2.16	.62	.77	.92	33.8	9.9	2.49	.63	.79	.95
	1200	565	39.5	11.6	1.63	.61	.76	.91	38.0	11.1	1.88	.62	.78	.93	36.2	10.6	2.16	.63	.80	.95	34.2	10.0	2.48	.65	.82	.98
	1300	615	40.5	11.9	1.63	.63	.78	.93	38.5	11.3	1.88	.64	.80	.95	36.8	10.8	2.15	.65	.82	.97	34.8	10.2	2.48	.66	.84	1.00
71°F (22°C)	1100	520	41.5	12.2	1.62	.45	.59	.72	39.5	11.6	1.87	.46	.60	.73	37.8	11.1	2.15	.46	.61	.75	36.0	10.6	2.47	.47	.62	.77
	1200	565	42.0	12.3	1.62	.46	.60	.74	40.5	11.9	1.87	.46	.61	.75	38.5	11.3	2.15	.47	.62	.77	36.6	10.7	2.47	.47	.63	.79
	1300	615	43.0	12.6	1.62	.46	.61	.76	41.0	12.0	1.87	.47	.62	.77	39.0	11.4	2.14	.47	.63	.79	37.2	10.9	2.46	.48	.65	.81

HSXA19-048 - CB30M-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.92	.76	.90	1.00	46.0	13.5	3.27	.77	.92	1.00	43.5	12.7	3.66	.79	.95	1.00	41.0	12.0	4.09	.81	.97	1.00
	1600	755	49.5	14.5	2.94	.79	.94	1.00	47.0	13.8	3.29	.80	.96	1.00	45.0	13.2	3.67	.82	.98	1.00	42.0	12.3	4.10	.85	1.00	1.00
	1800	850	50.5	14.8	2.95	.82	.98	1.00	48.5	14.2	3.30	.84	.99	1.00	46.0	13.5	3.69	.86	1.00	1.00	43.5	12.7	4.13	.89	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.96	.60	.73	.86	48.5	14.2	3.31	.61	.75	.88	46.5	13.6	3.69	.62	.76	.91	43.5	12.7	4.13	.63	.79	.94
	1600	755	52.5	15.4	2.97	.62	.76	.91	50.0	14.7	3.32	.63	.78	.93	47.5	13.9	3.71	.64	.80	.96	44.5	13.0	4.14	.65	.82	.98
	1800	850	53.5	15.7	2.99	.63	.79	.95	51.0	14.9	3.34	.64	.81	.97	48.5	14.2	3.72	.66	.83	.99	45.5	13.3	4.16	.67	.86	1.00
71°F (22°C)	1400	660	54.0	15.8	2.99	.45	.58	.71	51.5	15.1	3.34	.45	.59	.72	49.0	14.4	3.73	.46	.60	.74	46.0	13.5	4.17	.47	.62	.76
	1600	755	55.5	16.3	3.01	.46	.60	.74	53.0	15.5	3.36	.46	.61	.76	50.5	14.8	3.75	.47	.62	.77	47.5	13.9	4.19	.47	.64	.80
	1800	850	56.5	16.6	3.03	.47	.62	.77	54.0	15.8	3.38	.47	.63	.79	51.5	15.1	3.77	.48	.65	.81	48.5	14.2	4.20	.49	.66	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CB30M-65 - CBX32M-060 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1100	520	36.8	10.8	1.63	.77	.91	1.00	35.2	10.3	1.89	.78	.93	1.00	33.6	9.8	2.17	.80	.95	1.00	31.8	9.3	2.50	.82	.98	1.00
	1200	565	37.4	11.0	1.63	.79	.94	1.00	35.8	10.5	1.88	.80	.96	1.00	34.2	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.84	1.00	1.00
	1300	615	38.0	11.1	1.63	.81	.96	1.00	36.6	10.7	1.88	.82	.98	1.00	34.8	10.2	2.17	.84	1.00	1.00	33.2	9.7	2.49	.87	1.00	1.00
67°F (19°C)	1100	520	39.0	11.4	1.63	.60	.74	.87	37.4	11.0	1.88	.61	.75	.89	35.6	10.4	2.16	.62	.77	.92	33.8	9.9	2.49	.63	.79	.94
	1200	565	39.5	11.6	1.63	.61	.76	.90	38.0	11.1	1.88	.62	.78	.92	36.4	10.7	2.16	.64	.79	.94	34.4	10.1	2.48	.65	.81	.97
	1300	615	40.5	11.9	1.63	.63	.78	.93	39.0	11.4	1.87	.64	.80	.95	37.0	10.8	2.15	.65	.82	.97	35.0	10.3	2.48	.66	.84	.99
71°F (22°C)	1100	520	41.5	12.2	1.62	.46	.59	.72	39.5	11.6	1.87	.46	.60	.73	37.8	11.1	2.15	.46	.61	.75	36.0	10.6	2.47	.47	.62	.77
	1200	565	42.0	12.3	1.62	.46	.60	.73	40.5	11.9	1.87	.47	.61	.75	38.5	11.3	2.15	.47	.62	.77	36.6	10.7	2.47	.48	.63	.79
	1300	615	43.0	12.6	1.62	.47	.61	.76	41.0	12.0	1.87	.47	.62	.77	39.5	11.6	2.14	.48	.63	.79	37.2	10.9	2.46	.48	.65	.81

HSXA19-048 - CB30M-65 - CBX32M-060 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.5	14.2	2.93	.76	.89	1.00	46.5	13.6	3.28	.77	.91	1.00	44.0	12.9	3.66	.79	.94	1.00	41.5	12.2	4.09	.81	.96	1.00
	1600	755	50.0	14.7	2.94	.78	.93	1.00	47.5	13.9	3.29	.80	.96	1.00	45.5	13.3	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1800	850	51.0	14.9	2.96	.81	.97	1.00	49.0	14.4	3.31	.83	.99	1.00	46.5	13.6	3.69	.85	1.00	1.00	44.0	12.9	4.13	.88	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.96	.60	.73	.86	49.0	14.4	3.31	.61	.74	.88	46.5	13.6	3.70	.62	.76	.90	44.0	12.9	4.13	.63	.78	.93
	1600	755	52.5	15.4	2.98	.61	.76	.90	50.5	14.8	3.33	.62	.78	.92	48.0	14.1	3.72	.64	.80	.95	45.0	13.2	4.15	.65	.82	.97
	1800	850	54.0	15.8	2.99	.63	.79	.94	51.5	15.1	3.34	.64	.81	.96	49.0	14.4	3.73	.66	.83	.98	46.0	13.5	4.17	.67	.85	1.00
71°F (22°C)	1400	660	54.0	15.8	2.99	.46	.58	.71	51.5	15.1	3.35	.46	.59	.72	49.5	14.5	3.74	.46	.60	.74	46.5	13.6	4.17	.47	.61	.76
	1600	755	55.5	16.3	3.01	.46	.60	.74	53.0	15.5	3.37	.47	.61	.75	50.5	14.8	3.76	.47	.62	.77	48.0	14.1	4.19	.48	.64	.79
	1800	850	57.0	16.7	3.03	.47	.62	.76	54.5	16.0	3.38	.47	.63	.78	52.0	15.2	3.77	.48	.64	.80	49.0	14.4	4.21	.49	.66	.83

HSXA19-048 - CB31MV-65 - CBX32MV-060 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1090	515	36.6	10.7	1.64	.76	.91	1.00	35.0	10.3	1.89	.78	.93	1.00	33.4	9.8	2.17	.80	.95	1.00	31.8	9.3	2.50	.82	.97	1.00
	1140	540	37.0	10.8	1.63	.78	.92	1.00	35.4	10.4	1.89	.79	.94	1.00	33.8	9.9	2.17	.81	.96	1.00	32.0	9.4	2.50	.83	.99	1.00
	1205	570	37.6	11.0	1.63	.79	.94	1.00	35.8	10.5	1.88	.80	.96	1.00	34.2	10.0	2.17	.82	.98	1.00	32.6	9.6	2.50	.84	1.00	1.00
67°F (19°C)	1090	515	39.0	11.4	1.63	.60	.74	.87	37.2	10.9	1.88	.61	.75	.89	35.4	10.4	2.16	.62	.77	.91	33.6	9.8	2.49	.63	.79	.94
	1140	540	39.0	11.4	1.63	.61	.75	.88	37.6	11.0	1.88	.62	.76	.90	35.8	10.5	2.16	.63	.78	.93	34.0	10.0	2.49	.64	.80	.95
	1205	570	39.5	11.6	1.63	.62	.76	.90	38.0	11.1	1.88	.62	.78	.92	36.4	10.7	2.16	.64	.79	.94	34.4	10.1	2.48	.65	.82	.97
71°F (22°C)	1090	515	41.0	12.0	1.62	.45	.59	.71	39.5	11.6	1.87	.46	.59	.73	37.8	11.1	2.15	.46	.60	.74	35.8	10.5	2.47	.47	.62	.77
	1140	540	41.5	12.2	1.62	.46	.59	.72	40.0	11.7	1.87	.46	.60	.74	38.0	11.1	2.15	.47	.61	.75	36.2	10.6	2.47	.47	.62	.77
	1205	570	42.0	12.3	1.62	.46	.60	.74	40.5	11.9	1.87	.47	.61	.75	38.5	11.3	2.15	.47	.62	.77	36.6	10.7	2.47	.48	.63	.79

HSXA19-048 - CB31MV-65 - CBX32MV-060 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1555	735	49.5	14.5	2.94	.78	.92	1.00	47.5	13.9	3.29	.79	.95	1.00	45.0	13.2	3.68	.81	.97	1.00	42.5	12.5	4.11	.84	.99	1.00
	1625	765	50.0	14.7	2.94	.79	.94	1.00	48.0	14.1	3.30	.80	.96	1.00	45.5	13.3	3.68	.82	.98	1.00	43.0	12.6	4.11	.85	1.00	1.00
	1725	815	50.5	14.8	2.95	.81	.96	1.00	48.5	14.2	3.30	.82	.98	1.00	46.0	13.5	3.69	.84	.99	1.00	43.5	12.7	4.13	.86	1.00	1.00
67°F (19°C)	1555	735	52.5	15.4	2.97	.61	.75	.89	50.0	14.7	3.32	.62	.77	.91	47.5	13.9	3.71	.63	.79	.94	45.0	13.2	4.15	.64	.81	.96
	1625	765	53.0	15.5	2.98	.62	.76	.90	50.5	14.8	3.33	.63	.78	.93	48.0	14.1	3.72	.64	.80	.95	45.0	13.2	4.15	.65	.82	.98
	1725	815	53.5	15.7	2.99	.63	.78	.92	51.0	14.9	3.34	.64	.80	.95	48.5	14.2	3.73	.65	.82	.97	45.5	13.3	4.16	.66	.84	.99
71°F (22°C)	1555	735	55.5	16.3	3.01	.46	.60	.73	53.0	15.5	3.36	.46	.61	.74	50.5	14.8	3.75	.47	.62	.76	47.5	13.9	4.19	.47	.63	.79
	1625	765	56.0	16.4	3.02	.46	.60	.74	53.5	15.7	3.37	.47	.61	.76	51.0	14.9	3.76	.47	.63	.78	48.0	14.1	4.20	.48	.64	.80
	1725	815	56.5	16.6	3.02	.47	.61	.75	54.0	15.8	3.38	.47	.62	.77	51.5	15.1	3.77	.48	.64	.79	48.5	14.2	4.20	.48	.65	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	880	415	33.8	9.9	1.65	.72	.84	.96	32.4	9.5	1.90	.73	.86	.98	31.0	9.1	2.20	.75	.88	1.00	29.4	8.6	2.53	.76	.90	1.00
	1080	510	35.6	10.4	1.64	.76	.89	1.00	34.2	10.0	1.89	.77	.91	1.00	32.6	9.6	2.18	.79	.93	1.00	30.8	9.0	2.51	.80	.96	1.00
	1345	635	37.6	11.0	1.63	.80	.96	1.00	36.0	10.6	1.89	.82	.98	1.00	34.2	10.0	2.17	.84	1.00	1.00	32.4	9.5	2.50	.86	1.00	1.00
67°F (19°C)	880	415	36.0	10.6	1.64	.58	.70	.81	34.6	10.1	1.89	.59	.71	.82	33.0	9.7	2.18	.59	.72	.84	31.4	9.2	2.51	.60	.73	.86
	1080	510	38.0	11.1	1.63	.60	.73	.85	36.4	10.7	1.88	.61	.74	.87	34.8	10.2	2.17	.62	.76	.89	33.0	9.7	2.49	.63	.78	.92
	1345	635	40.0	11.7	1.63	.63	.78	.92	38.0	11.1	1.88	.64	.79	.94	36.4	10.7	2.16	.65	.81	.96	34.4	10.1	2.48	.67	.83	.99
71°F (22°C)	880	415	38.5	11.3	1.63	.46	.57	.67	36.8	10.8	1.88	.46	.57	.68	35.2	10.3	2.17	.46	.58	.69	33.4	9.8	2.49	.46	.59	.71
	1080	510	40.5	11.9	1.63	.46	.58	.70	38.5	11.3	1.88	.47	.59	.72	37.0	10.8	2.16	.47	.60	.73	35.2	10.3	2.48	.48	.61	.75
	1345	635	42.5	12.5	1.62	.48	.62	.75	40.5	11.9	1.87	.48	.63	.77	38.5	11.3	2.14	.49	.64	.78	36.6	10.7	2.47	.49	.65	.81

HSXA19-048 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	47.0	13.8	2.91	.75	.88	.99	45.0	13.2	3.26	.76	.90	1.00	42.5	12.5	3.64	.78	.92	1.00	40.5	11.9	4.08	.80	.95	1.00
	1600	755	48.5	14.2	2.93	.77	.91	1.00	46.5	13.6	3.28	.79	.94	1.00	44.0	12.9	3.67	.81	.96	1.00	41.5	12.2	4.10	.83	.99	1.00
	1720	810	49.5	14.5	2.94	.79	.94	1.00	47.0	13.8	3.29	.81	.96	1.00	45.0	13.2	3.67	.83	.98	1.00	42.0	12.3	4.11	.85	1.00	1.00
67°F (19°C)	1385	655	50.0	14.7	2.94	.60	.72	.84	47.5	13.9	3.29	.61	.74	.86	45.5	13.3	3.68	.62	.75	.88	43.0	12.6	4.11	.63	.77	.91
	1600	755	51.5	15.1	2.96	.61	.75	.88	49.0	14.4	3.31	.62	.77	.90	46.5	13.6	3.70	.64	.78	.92	44.0	12.9	4.13	.65	.81	.95
	1720	810	52.0	15.2	2.97	.63	.77	.91	50.0	14.7	3.32	.64	.79	.93	47.5	13.9	3.71	.65	.80	.95	44.5	13.0	4.15	.66	.83	.98
71°F (22°C)	1385	655	53.0	15.5	2.98	.47	.58	.70	50.5	14.8	3.33	.47	.59	.71	48.0	14.1	3.72	.47	.60	.72	45.5	13.3	4.16	.48	.61	.74
	1600	755	54.5	16.0	3.00	.47	.60	.72	52.0	15.2	3.35	.48	.61	.74	49.5	14.5	3.74	.48	.62	.76	46.5	13.6	4.17	.49	.64	.78
	1720	810	55.0	16.1	3.01	.48	.61	.74	53.0	15.5	3.36	.49	.62	.76	50.5	14.8	3.75	.49	.64	.78	47.5	13.9	4.19	.50	.65	.80

HSXA19-048 - C33-50/60C with G61MPV-60C - CX34-50/60C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	880	415	34.0	10.0	1.64	.73	.85	.96	32.8	9.6	1.90	.74	.86	.98	31.2	9.1	2.19	.75	.88	1.00	29.6	8.7	2.52	.77	.91	1.00
	1080	510	36.0	10.6	1.64	.76	.90	1.00	34.4	10.1	1.89	.78	.92	1.00	33.0	9.7	2.18	.79	.94	1.00	31.2	9.1	2.51	.81	.96	1.00
	1345	635	38.0	11.1	1.63	.81	.96	1.00	36.4	10.7	1.88	.83	.98	1.00	34.6	10.1	2.17	.84	1.00	1.00	33.0	9.7	2.49	.87	1.00	1.00
67°F (19°C)	880	415	36.4	10.7	1.63	.58	.70	.81	35.0	10.3	1.89	.59	.71	.83	33.4	9.8	2.18	.59	.72	.84	31.8	9.3	2.51	.61	.74	.87
	1080	510	38.5	11.3	1.63	.60	.73	.85	36.8	10.8	1.88	.61	.75	.88	35.0	10.3	2.16	.62	.76	.90	33.2	9.7	2.49	.63	.78	.93
	1345	635	40.0	11.7	1.63	.64	.79	.93	38.5	11.3	1.88	.64	.80	.95	36.8	10.8	2.16	.65	.82	.97	34.8	10.2	2.48	.67	.84	1.00
71°F (22°C)	880	415	38.5	11.3	1.63	.46	.57	.67	37.2	10.9	1.88	.46	.57	.68	35.6	10.4	2.16	.46	.58	.69	33.8	9.9	2.49	.46	.59	.70
	1080	510	41.0	12.0	1.62	.46	.59	.71	39.0	11.4	1.87	.47	.59	.72	37.4	11.0	2.15	.47	.61	.74	35.6	10.4	2.48	.48	.62	.76
	1345	635	43.0	12.6	1.62	.48	.62	.76	41.0	12.0	1.87	.49	.63	.77	39.0	11.4	2.14	.49	.64	.78	37.2	10.9	2.47	.49	.66	.81

HSXA19-048 - C33-50/60C with G61MPV-60C - CX34-50/60C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	47.5	13.9	2.91	.75	.88	1.00	45.5	13.3	3.27	.76	.90	1.00	43.5	12.7	3.65	.78	.93	1.00	41.0	12.0	4.09	.80	.95	1.00
	1600	755	49.0	14.4	2.93	.78	.92	1.00	47.0	13.8	3.28	.79	.94	1.00	44.5	13.0	3.67	.81	.97	1.00	42.0	12.3	4.11	.84	.99	1.00
	1720	810	50.0	14.7	2.94	.80	.95	1.00	47.5	13.9	3.30	.81	.97	1.00	45.5	13.3	3.68	.84	.99	1.00	42.5	12.5	4.11	.86	1.00	1.00
67°F (19°C)	1385	655	50.5	14.8	2.95	.60	.73	.85	48.0	14.1	3.30	.61	.74	.87	46.0	13.5	3.69	.62	.76	.89	43.5	12.7	4.13	.63	.78	.92
	1600	755	52.0	15.2	2.97	.62	.76	.89	49.5	14.5	3.32	.63	.77	.91	47.0	13.8	3.71	.64	.79	.93	44.5	13.0	4.14	.65	.81	.96
	1720	810	53.0	15.5	2.98	.63	.77	.91	50.5	14.8	3.33	.64	.79	.93	48.0	14.1	3.72	.65	.81	.96	45.0	13.2	4.15	.67	.83	.99
71°F (22°C)	1385	655	53.5	15.7	2.99	.47	.59	.70	51.0	14.9	3.34	.47	.59	.72	48.5	14.2	3.72	.47	.60	.73	46.0	13.5	4.17	.48	.62	.75
	1600	755	55.0	16.1	3.01	.47	.60	.73	52.5	15.4	3.36	.48	.61	.75	50.0	14.7	3.75	.48	.63	.76	47.5	13.9	4.18	.49	.64	.79
	1720	810	56.0	16.4	3.02	.48	.61	.75	53.5	15.7	3.37	.49	.63	.77	51.0	14.9	3.76	.49	.64	.78	48.0	14.1	4.19	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	885	420	34.6	10.1	1.64	.73	.85	.97	33.2	9.7	1.90	.74	.87	.99	31.8	9.3	2.19	.75	.89	1.00	30.0	8.8	2.52	.77	.91	1.00
	1085	510	36.4	10.7	1.64	.77	.91	1.00	35.0	10.3	1.89	.78	.92	1.00	33.4	9.8	2.18	.80	.95	1.00	31.6	9.3	2.51	.82	.98	1.00
	1350	635	38.5	11.3	1.63	.82	.98	1.00	36.8	10.8	1.88	.84	.99	1.00	35.2	10.3	2.16	.85	1.00	1.00	33.6	9.8	2.49	.88	1.00	1.00
67°F (19°C)	885	420	36.8	10.8	1.63	.59	.70	.82	35.4	10.4	1.89	.59	.72	.83	33.8	9.9	2.17	.60	.73	.85	32.0	9.4	2.50	.61	.75	.87
	1085	510	39.0	11.4	1.63	.61	.74	.87	37.0	10.8	1.88	.62	.74	.89	35.6	10.4	2.16	.63	.77	.91	33.8	9.9	2.49	.64	.79	.94
	1350	635	41.0	12.0	1.62	.64	.79	.94	39.0	11.4	1.87	.65	.81	.96	37.4	11.0	2.15	.66	.83	.99	35.4	10.4	2.47	.68	.86	1.00
71°F (22°C)	885	420	39.0	11.4	1.63	.45	.57	.68	37.8	11.1	1.88	.46	.57	.69	36.2	10.6	2.16	.46	.58	.70	34.4	10.1	2.48	.47	.59	.71
	1085	510	41.5	12.2	1.62	.47	.59	.72	39.5	11.6	1.87	.47	.60	.73	38.0	11.1	2.15	.47	.61	.74	36.0	10.6	2.47	.48	.62	.76
	1350	635	43.5	12.7	1.62	.48	.63	.77	41.5	12.2	1.87	.49	.64	.79	39.5	11.6	2.14	.49	.65	.80	37.6	11.0	2.46	.49	.66	.83

HSXA19-048 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	48.5	14.2	2.93	.76	.89	1.00	46.5	13.6	3.28	.77	.91	1.00	44.0	12.9	3.66	.79	.94	1.00	41.5	12.2	4.10	.81	.97	1.00
	1600	755	50.0	14.7	2.94	.79	.94	1.00	48.0	14.1	3.30	.81	.96	1.00	45.5	13.3	3.68	.83	.99	1.00	43.0	12.6	4.11	.85	1.00	1.00
	1720	810	51.0	14.9	2.95	.81	.96	1.00	48.5	14.2	3.31	.83	.99	1.00	46.0	13.5	3.69	.85	1.00	1.00	44.0	12.9	4.13	.87	1.00	1.00
67°F (19°C)	1385	655	51.5	15.1	2.96	.60	.73	.86	49.0	14.4	3.31	.61	.75	.88	46.5	13.6	3.70	.63	.77	.90	44.0	12.9	4.14	.64	.79	.93
	1600	755	52.5	15.4	2.98	.63	.77	.90	50.5	14.8	3.33	.64	.79	.93	48.0	14.1	3.72	.65	.80	.95	45.5	13.3	4.16	.66	.83	.98
	1720	810	53.5	15.7	2.99	.64	.79	.93	51.5	15.1	3.34	.65	.81	.95	48.5	14.2	3.73	.66	.83	.98	46.0	13.5	4.16	.68	.85	1.00
71°F (22°C)	1385	655	54.5	16.0	3.00	.47	.59	.71	52.0	15.2	3.35	.47	.60	.72	49.5	14.5	3.74	.48	.61	.74	46.5	13.6	4.17	.48	.62	.76
	1600	755	56.0	16.4	3.02	.48	.61	.74	53.5	15.7	3.37	.48	.63	.76	51.0	14.9	3.76	.49	.64	.78	48.0	14.1	4.20	.49	.65	.80
	1720	810	57.0	16.7	3.03	.48	.63	.76	54.5	16.0	3.38	.49	.64	.78	51.5	15.1	3.77	.50	.65	.80	48.5	14.2	4.21	.50	.66	.83

HSXA19-048 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	885	420	34.6	10.1	1.64	.73	.85	.97	33.4	9.8	1.90	.74	.87	.99	31.8	9.3	2.19	.76	.89	1.00	30.2	8.9	2.52	.77	.91	1.00
	1085	510	36.6	10.7	1.63	.76	.90	1.00	35.2	10.3	1.89	.78	.92	1.00	33.6	9.8	2.18	.80	.95	1.00	31.8	9.3	2.50	.82	.97	1.00
	1350	635	38.5	11.3	1.63	.82	.98	1.00	37.0	10.8	1.88	.83	.99	1.00	35.4	10.4	2.16	.86	1.00	1.00	33.8	9.9	2.49	.88	1.00	1.00
67°F (19°C)	885	420	36.8	10.8	1.63	.59	.70	.82	35.4	10.4	1.89	.59	.71	.83	33.8	9.9	2.17	.60	.73	.85	32.0	9.4	2.50	.61	.74	.87
	1085	510	39.0	11.4	1.63	.60	.74	.87	37.4	11.0	1.88	.61	.75	.89	35.6	10.4	2.16	.63	.77	.91	33.8	9.9	2.49	.64	.79	.94
	1350	635	41.0	12.0	1.62	.64	.79	.94	39.5	11.6	1.87	.65	.81	.96	37.4	11.0	2.15	.66	.83	.99	35.6	10.4	2.47	.68	.85	1.00
71°F (22°C)	885	420	39.0	11.4	1.63	.46	.57	.68	37.6	11.0	1.88	.46	.58	.69	36.0	10.6	2.16	.46	.58	.70	34.2	10.0	2.48	.47	.59	.72
	1085	510	41.5	12.2	1.62	.47	.59	.71	39.5	11.6	1.87	.47	.60	.73	37.8	11.1	2.15	.47	.61	.74	36.0	10.6	2.47	.48	.62	.76
	1350	635	43.5	12.7	1.62	.48	.63	.77	41.5	12.2	1.87	.49	.64	.78	39.5	11.6	2.14	.48	.65	.80	37.8	11.1	2.46	.50	.67	.83

HSXA19-048 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	49.0	14.4	2.93	.76	.89	1.00	46.5	13.6	3.28	.77	.91	1.00	44.5	13.0	3.67	.79	.94	1.00	42.0	12.3	4.10	.81	.97	1.00
	1600	755	50.5	14.8	2.95	.79	.94	1.00	48.5	14.2	3.30	.81	.96	1.00	46.0	13.5	3.69	.83	.98	1.00	43.0	12.6	4.12	.85	1.00	1.00
	1720	810	51.5	15.1	2.96	.81	.96	1.00	49.0	14.4	3.31	.83	.98	1.00	46.5	13.6	3.70	.85	1.00	1.00	44.0	12.9	4.14	.87	1.00	1.00
67°F (19°C)	1385	655	51.5	15.1	2.96	.60	.74	.86	49.5	14.5	3.31	.61	.75	.88	47.0	13.8	3.70	.63	.76	.90	44.5	13.0	4.14	.64	.79	.93
	1600	755	53.5	15.7	2.98	.63	.77	.90	51.0	14.9	3.34	.64	.78	.93	48.5	14.2	3.72	.65	.80	.95	45.5	13.3	4.16	.66	.83	.98
	1720	810	54.0	15.8	3.00	.64	.79	.93	52.0	15.2	3.35	.65	.80	.95	49.0	14.4	3.74	.66	.82	.98	46.5	13.6	4.17	.68	.85	1.00
71°F (22°C)	1385	655	54.5	16.0	3.00	.47	.59	.71	52.5	15.4	3.35	.47	.60	.72	49.5	14.5	3.74	.48	.61	.74	47.0	13.8	4.18	.48	.63	.76
	1600	755	56.5	16.6	3.02	.48	.61	.74	54.0	15.8	3.38	.48	.62	.76	51.5	15.1	3.77	.49	.64	.78	48.5	14.2	4.20	.49	.65	.80
	1720	810	57.5	16.9	3.03	.49	.63	.76	54.5	16.0	3.39	.49	.64	.78	52.0	15.2	3.78	.50	.65	.80	49.0	14.4	4.21	.50	.67	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	35.4	10.4	1.64	.75	.89	1.00	34.0	10.0	1.89	.77	.91	1.00	32.4	9.5	2.18	.78	.93	1.00	30.8	9.0	2.51	.80	.95	1.00
	1140	540	36.0	10.6	1.64	.77	.91	1.00	34.6	10.1	1.89	.78	.92	1.00	33.0	9.7	2.18	.80	.95	1.00	31.2	9.1	2.51	.82	.97	1.00
	1220	575	36.6	10.7	1.63	.79	.93	1.00	35.2	10.3	1.89	.80	.95	1.00	33.6	9.8	2.18	.82	.97	1.00	31.8	9.3	2.51	.84	.99	1.00
67°F (19°C)	1065	505	37.8	11.1	1.63	.60	.73	.85	36.2	10.6	1.89	.61	.74	.87	34.6	10.1	2.17	.62	.76	.89	32.8	9.6	2.50	.63	.77	.91
	1140	540	38.5	11.3	1.63	.61	.74	.87	36.8	10.8	1.88	.62	.75	.89	35.2	10.3	2.17	.63	.77	.91	33.2	9.7	2.49	.64	.79	.94
	1220	575	39.0	11.4	1.63	.62	.76	.89	37.4	11.0	1.88	.63	.77	.91	35.6	10.4	2.16	.64	.79	.93	33.8	9.9	2.49	.65	.81	.96
71°F (22°C)	1065	505	40.0	11.7	1.63	.46	.58	.70	38.5	11.3	1.88	.46	.59	.71	36.8	10.8	2.16	.47	.60	.73	35.0	10.3	2.48	.47	.61	.74
	1140	540	41.0	12.0	1.63	.46	.59	.71	39.0	11.4	1.87	.47	.60	.73	37.4	11.0	2.15	.47	.61	.74	35.6	10.4	2.48	.48	.62	.76
	1220	575	41.5	12.2	1.62	.47	.60	.73	40.0	11.7	1.87	.48	.61	.75	38.0	11.1	2.15	.48	.63	.76	36.0	10.6	2.47	.49	.64	.78

HSXA19-048 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	48.0	14.1	2.92	.76	.90	1.00	46.0	13.5	3.27	.78	.92	1.00	43.5	12.7	3.65	.80	.94	1.00	41.0	12.0	4.09	.82	.97	1.00
	1630	770	48.5	14.2	2.93	.78	.92	1.00	46.5	13.6	3.28	.79	.94	1.00	44.0	12.9	3.67	.81	.96	1.00	41.5	12.2	4.10	.83	.99	1.00
	1765	835	49.5	14.5	2.94	.80	.94	1.00	47.5	13.9	3.29	.81	.96	1.00	45.0	13.2	3.68	.83	.99	1.00	42.5	12.5	4.11	.85	1.00	1.00
67°F (19°C)	1520	715	51.0	14.9	2.95	.61	.74	.87	48.5	14.2	3.31	.62	.75	.89	46.0	13.5	3.69	.63	.77	.91	43.5	12.7	4.13	.64	.79	.94
	1630	770	51.5	15.1	2.96	.62	.75	.89	49.5	14.5	3.31	.63	.77	.91	47.0	13.8	3.70	.64	.79	.93	44.0	12.9	4.13	.65	.81	.96
	1765	835	52.5	15.4	2.97	.63	.77	.91	50.0	14.7	3.32	.64	.79	.93	47.5	13.9	3.71	.65	.81	.95	45.0	13.2	4.15	.66	.83	.98
71°F (22°C)	1520	715	54.0	15.8	2.99	.47	.59	.72	51.5	15.1	3.34	.47	.60	.73	49.0	14.4	3.73	.48	.61	.75	46.0	13.5	4.17	.48	.63	.76
	1630	770	54.5	16.0	3.00	.47	.60	.73	52.0	15.2	3.35	.48	.61	.74	49.5	14.5	3.74	.48	.62	.76	47.0	13.8	4.18	.49	.64	.79
	1765	835	55.5	16.3	3.01	.48	.61	.75	53.0	15.5	3.36	.48	.62	.76	50.5	14.8	3.75	.49	.64	.78	47.5	13.9	4.19	.50	.65	.81

HSXA19-048 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	35.8	10.5	1.64	.76	.89	1.00	34.4	10.1	1.89	.77	.91	1.00	32.8	9.6	2.18	.78	.93	1.00	31.0	9.1	2.51	.80	.96	1.00
	1140	540	36.4	10.7	1.64	.77	.91	1.00	35.0	10.3	1.89	.78	.93	1.00	33.4	9.8	2.18	.80	.95	1.00	31.6	9.3	2.51	.82	.98	1.00
	1220	575	37.0	10.8	1.63	.79	.93	1.00	35.6	10.4	1.89	.80	.95	1.00	34.0	10.0	2.17	.82	.98	1.00	32.0	9.4	2.50	.84	1.00	1.00
67°F (19°C)	1065	505	38.0	11.1	1.63	.60	.73	.85	36.6	10.7	1.88	.61	.74	.87	35.0	10.3	2.17	.62	.76	.89	33.2	9.7	2.49	.63	.77	.92
	1140	540	39.0	11.4	1.63	.61	.75	.87	37.2	10.9	1.88	.62	.76	.89	35.4	10.4	2.16	.63	.77	.92	33.6	9.8	2.49	.64	.80	.94
	1220	575	39.5	11.6	1.63	.63	.76	.90	37.8	11.1	1.88	.63	.78	.92	36.0	10.6	2.16	.64	.79	.94	34.2	10.0	2.49	.65	.81	.97
71°F (22°C)	1065	505	40.5	11.9	1.63	.46	.58	.70	39.0	11.4	1.87	.46	.59	.72	37.2	10.9	2.15	.47	.60	.73	35.4	10.4	2.48	.47	.61	.75
	1140	540	41.5	12.2	1.62	.47	.59	.72	39.5	11.6	1.87	.47	.60	.73	37.8	11.1	2.15	.48	.61	.74	36.0	10.6	2.47	.48	.63	.76
	1220	575	42.0	12.3	1.62	.48	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.49	.63	.77	36.4	10.7	2.47	.49	.64	.78

HSXA19-048 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	48.5	14.2	2.93	.77	.91	1.00	46.5	13.6	3.28	.78	.93	1.00	44.0	12.9	3.67	.80	.95	1.00	41.5	12.2	4.10	.82	.98	1.00
	1630	770	49.5	14.5	2.94	.78	.93	1.00	47.0	13.8	3.28	.80	.95	1.00	45.0	13.2	3.68	.82	.97	1.00	42.0	12.3	4.10	.84	1.00	1.00
	1765	835	50.0	14.7	2.94	.80	.95	1.00	48.0	14.1	3.30	.82	.97	1.00	45.5	13.3	3.68	.84	.99	1.00	43.0	12.6	4.12	.86	1.00	1.00
67°F (19°C)	1520	715	51.5	15.1	2.96	.61	.74	.87	49.5	14.5	3.31	.62	.76	.89	47.0	13.8	3.70	.63	.78	.92	44.0	12.9	4.14	.64	.80	.95
	1630	770	52.0	15.2	2.97	.62	.76	.89	50.0	14.7	3.32	.63	.77	.91	47.5	13.9	3.71	.64	.79	.94	44.5	13.0	4.14	.65	.82	.97
	1765	835	53.0	15.5	2.98	.63	.77	.92	50.5	14.8	3.33	.64	.79	.94	48.0	14.1	3.72	.65	.81	.96	45.0	13.2	4.15	.67	.84	.99
71°F (22°C)	1520	715	54.5	16.0	3.00	.47	.60	.72	52.0	15.2	3.35	.47	.60	.73	49.5	14.5	3.74	.48	.62	.75	47.0	13.8	4.18	.48	.63	.77
	1630	770	55.0	16.1	3.01	.47	.60	.73	53.0	15.5	3.36	.48	.62	.75	50.5	14.8	3.75	.48	.63	.77	47.5	13.9	4.19	.49	.64	.79
	1765	835	56.0	16.4	3.02	.48	.62	.75	53.5	15.7	3.37	.48	.63	.77	51.0	14.9	3.76	.49	.64	.79	48.0	14.1	4.19	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	35.8	10.5	1.64	.75	.89	1.00	34.4	10.1	1.89	.77	.91	1.00	32.8	9.6	2.18	.79	.93	1.00	31.2	9.1	2.51	.81	.96	1.00
	1140	540	36.4	10.7	1.63	.77	.91	1.00	35.0	10.3	1.89	.79	.93	1.00	33.4	9.8	2.18	.80	.96	1.00	31.6	9.3	2.51	.82	.98	1.00
	1220	575	37.2	10.9	1.63	.79	.93	1.00	35.6	10.4	1.89	.81	.95	1.00	34.0	10.0	2.17	.82	.98	1.00	32.2	9.4	2.50	.84	1.00	1.00
67°F (19°C)	1065	505	38.0	11.1	1.63	.60	.73	.85	36.6	10.7	1.88	.61	.74	.87	35.0	10.3	2.16	.62	.76	.89	33.2	9.7	2.49	.63	.78	.92
	1140	540	39.0	11.4	1.63	.61	.75	.87	37.2	10.9	1.88	.62	.76	.89	35.6	10.4	2.16	.63	.78	.92	33.8	9.9	2.49	.64	.80	.94
	1220	575	39.5	11.6	1.63	.63	.76	.90	38.0	11.1	1.88	.64	.78	.92	36.2	10.6	2.16	.65	.80	.94	34.4	10.1	2.49	.66	.82	.97
71°F (22°C)	1065	505	41.0	12.0	1.63	.46	.59	.70	39.0	11.4	1.87	.46	.59	.71	37.4	11.0	2.15	.47	.61	.73	35.6	10.4	2.48	.47	.62	.75
	1140	540	41.5	12.2	1.62	.47	.59	.72	40.0	11.7	1.87	.47	.60	.73	38.0	11.1	2.15	.47	.62	.75	36.0	10.6	2.47	.48	.63	.77
	1220	575	42.0	12.3	1.62	.48	.61	.73	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.48	.63	.77	36.6	10.7	2.47	.49	.64	.79

HSXA19-048 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	49.0	14.4	2.93	.77	.91	1.00	46.5	13.6	3.28	.79	.93	1.00	44.5	13.0	3.67	.80	.95	1.00	42.0	12.3	4.10	.83	.98	1.00
	1630	770	49.5	14.5	2.94	.79	.93	1.00	47.5	13.9	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1765	835	50.5	14.8	2.95	.80	.95	1.00	48.0	14.1	3.30	.82	.98	1.00	45.5	13.3	3.69	.84	1.00	1.00	43.0	12.6	4.12	.86	1.00	1.00
67°F (19°C)	1520	715	51.5	15.1	2.96	.61	.74	.87	49.5	14.5	3.32	.62	.76	.90	47.0	13.8	3.70	.63	.78	.92	44.5	13.0	4.14	.65	.80	.95
	1630	770	52.5	15.4	2.97	.62	.76	.90	50.0	14.7	3.32	.63	.78	.92	47.5	13.9	3.71	.64	.80	.94	45.0	13.2	4.15	.66	.82	.97
	1765	835	53.0	15.5	2.98	.64	.78	.92	51.0	14.9	3.33	.64	.80	.94	48.5	14.2	3.72	.66	.82	.97	45.5	13.3	4.16	.67	.84	1.00
71°F (22°C)	1520	715	55.0	16.1	3.00	.47	.60	.72	52.5	15.4	3.35	.47	.60	.73	50.0	14.7	3.75	.48	.62	.75	47.0	13.8	4.18	.49	.63	.78
	1630	770	55.5	16.3	3.01	.47	.61	.74	53.0	15.5	3.37	.48	.62	.75	50.5	14.8	3.76	.48	.63	.77	47.5	13.9	4.19	.49	.64	.79
	1765	835	56.5	16.6	3.03	.48	.62	.76	54.0	15.8	3.38	.49	.63	.77	51.5	15.1	3.77	.49	.64	.79	48.5	14.2	4.20	.50	.66	.82

HSXA19-048 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	36.4	10.7	1.63	.76	.90	1.00	35.0	10.3	1.89	.78	.92	1.00	33.4	9.8	2.18	.79	.94	1.00	31.6	9.3	2.51	.81	.97	1.00
	1140	540	37.0	10.8	1.63	.78	.92	1.00	35.6	10.4	1.89	.79	.94	1.00	34.0	10.0	2.17	.81	.96	1.00	32.2	9.4	2.50	.83	.99	1.00
	1220	575	37.8	11.1	1.63	.80	.94	1.00	36.2	10.6	1.88	.81	.97	1.00	34.6	10.1	2.17	.83	.99	1.00	32.8	9.6	2.50	.85	1.00	1.00
67°F (19°C)	1065	505	38.5	11.3	1.63	.59	.74	.86	37.2	10.9	1.88	.60	.75	.88	35.4	10.4	2.16	.62	.77	.90	33.8	9.9	2.49	.63	.79	.93
	1140	540	39.5	11.6	1.63	.60	.75	.88	37.8	11.1	1.88	.62	.77	.90	36.0	10.6	2.16	.63	.78	.93	34.2	10.0	2.48	.65	.80	.95
	1220	575	40.0	11.7	1.63	.63	.77	.91	38.5	11.3	1.88	.64	.79	.93	36.8	10.8	2.16	.65	.80	.95	34.8	10.2	2.48	.66	.82	.98
71°F (22°C)	1065	505	41.0	12.0	1.62	.46	.59	.71	39.5	11.6	1.87	.47	.58	.72	37.8	11.1	2.15	.47	.60	.74	35.8	10.5	2.47	.47	.62	.76
	1140	540	41.5	12.2	1.62	.47	.59	.73	40.0	11.7	1.87	.47	.59	.74	38.5	11.3	2.15	.47	.62	.76	36.4	10.7	2.47	.48	.63	.78
	1220	575	42.5	12.5	1.62	.48	.60	.75	40.5	11.9	1.87	.48	.61	.76	39.0	11.4	2.15	.49	.63	.78	37.0	10.8	2.47	.49	.65	.80

HSXA19-048 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	50.0	14.7	2.94	.78	.92	1.00	47.5	13.9	3.29	.79	.94	1.00	45.5	13.3	3.68	.81	.97	1.00	42.5	12.5	4.11	.83	.99	1.00
	1630	770	50.5	14.8	2.95	.79	.94	1.00	48.5	14.2	3.30	.81	.96	1.00	46.0	13.5	3.69	.83	.99	1.00	43.5	12.7	4.12	.85	1.00	1.00
	1765	835	51.5	15.1	2.96	.81	.97	1.00	49.0	14.4	3.31	.83	.99	1.00	46.5	13.6	3.70	.85	1.00	1.00	44.5	13.0	4.14	.88	1.00	1.00
67°F (19°C)	1520	715	52.5	15.4	2.98	.62	.75	.88	50.5	14.8	3.33	.63	.77	.91	48.0	14.1	3.72	.64	.79	.93	45.0	13.2	4.15	.65	.81	.96
	1630	770	53.5	15.7	2.99	.63	.77	.91	51.0	14.9	3.34	.64	.79	.93	48.5	14.2	3.73	.65	.81	.96	46.0	13.5	4.16	.66	.83	.98
	1765	835	54.5	16.0	3.00	.64	.79	.93	52.0	15.2	3.35	.65	.81	.96	49.5	14.5	3.74	.66	.83	.98	46.5	13.6	4.17	.68	.85	1.00
71°F (22°C)	1520	715	55.5	16.3	3.01	.47	.60	.73	53.5	15.7	3.37	.48	.61	.74	50.5	14.8	3.76	.48	.63	.76	48.0	14.1	4.19	.49	.64	.79
	1630	770	56.5	16.6	3.03	.48	.61	.74	54.0	15.8	3.38	.48	.62	.76	51.5	15.1	3.77	.49	.64	.78	48.5	14.2	4.20	.49	.65	.80
	1765	835	57.5	16.9	3.04	.48	.63	.77	55.0	16.1	3.39	.49	.64	.78	52.0	15.2	3.78	.49	.65	.80	49.0	14.4	4.21	.50	.67	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CR26-48N-F with G60DFV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1125	530	34.8	10.2	1.64	.76	.90	1.00	33.4	9.8	1.90	.78	.92	1.00	31.8	9.3	2.19	.79	.94	1.00	30.2	8.9	2.52	.81	.97	1.00
	1150	545	35.2	10.3	1.64	.77	.91	1.00	33.6	9.8	1.90	.78	.93	1.00	32.0	9.4	2.19	.80	.95	1.00	30.4	8.9	2.52	.82	.97	1.00
	1310	620	36.2	10.6	1.64	.79	.94	1.00	34.6	10.1	1.89	.81	.97	1.00	33.0	9.7	2.18	.83	.99	1.00	31.4	9.2	2.51	.85	1.00	1.00
67°F (19°C)	1125	530	37.4	11.0	1.63	.61	.74	.86	35.8	10.5	1.89	.61	.75	.88	34.2	10.0	2.17	.62	.76	.90	32.4	9.5	2.50	.64	.78	.93
	1150	545	37.6	11.0	1.63	.61	.74	.87	36.0	10.6	1.89	.62	.76	.89	34.2	10.0	2.17	.63	.77	.91	32.6	9.6	2.50	.64	.79	.94
	1310	620	38.5	11.3	1.63	.63	.77	.91	37.0	10.8	1.88	.64	.78	.93	35.2	10.3	2.16	.65	.80	.95	33.4	9.8	2.49	.66	.82	.98
71°F (22°C)	1125	530	39.5	11.6	1.63	.46	.59	.71	38.0	11.1	1.88	.46	.60	.72	36.4	10.7	2.16	.46	.61	.74	34.6	10.1	2.48	.47	.62	.76
	1150	545	40.0	11.7	1.63	.46	.59	.72	38.5	11.3	1.88	.46	.60	.73	36.6	10.7	2.16	.47	.61	.74	34.8	10.2	2.48	.48	.63	.76
	1310	620	41.0	12.0	1.62	.47	.62	.75	39.5	11.6	1.87	.48	.62	.76	37.6	11.0	2.15	.49	.63	.78	35.6	10.4	2.47	.49	.65	.80

HSXA19-048 - CR26-48N-F with G60DFV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1560	735	47.0	13.8	2.91	.77	.91	1.00	45.0	13.2	3.26	.79	.93	1.00	42.5	12.5	3.64	.80	.96	1.00	40.0	11.7	4.07	.82	.98	1.00
	1640	775	47.5	13.9	2.92	.78	.92	1.00	45.5	13.3	3.26	.80	.95	1.00	43.0	12.6	3.65	.81	.97	1.00	40.5	11.9	4.08	.84	.99	1.00
	1855	875	48.5	14.2	2.93	.81	.96	1.00	46.0	13.5	3.28	.82	.98	1.00	44.0	12.9	3.66	.84	1.00	1.00	41.5	12.2	4.10	.87	1.00	1.00
67°F (19°C)	1560	735	50.0	14.7	2.94	.62	.75	.88	48.0	14.1	3.29	.63	.76	.90	45.5	13.3	3.68	.64	.78	.92	42.5	12.5	4.11	.65	.80	.95
	1640	775	50.5	14.8	2.95	.63	.76	.89	48.0	14.1	3.30	.63	.77	.91	46.0	13.5	3.69	.65	.79	.94	43.0	12.6	4.12	.66	.81	.96
	1855	875	51.5	15.1	2.96	.64	.78	.93	49.0	14.4	3.31	.65	.80	.95	47.0	13.8	3.70	.66	.82	.97	44.0	12.9	4.13	.68	.84	.99
71°F (22°C)	1560	735	53.0	15.5	2.98	.47	.60	.72	50.5	14.8	3.33	.47	.61	.74	48.0	14.1	3.72	.48	.62	.75	45.5	13.3	4.15	.48	.64	.77
	1640	775	53.5	15.7	2.99	.47	.61	.74	51.0	14.9	3.34	.48	.62	.75	48.5	14.2	3.73	.48	.63	.77	46.0	13.5	4.16	.49	.65	.79
	1855	875	54.5	16.0	3.00	.48	.63	.76	52.0	15.2	3.35	.49	.64	.78	49.5	14.5	3.74	.49	.65	.80	47.0	13.8	4.18	.50	.66	.82

HSXA19-048 - CR26-60W-F with G60DFV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1125	530	36.2	10.6	1.64	.77	.92	1.00	34.6	10.1	1.89	.79	.94	1.00	33.0	9.7	2.18	.80	.96	1.00	31.2	9.1	2.51	.83	.98	1.00
	1170	550	36.6	10.7	1.63	.78	.93	1.00	35.0	10.3	1.89	.80	.95	1.00	33.2	9.7	2.18	.82	.97	1.00	31.6	9.3	2.50	.84	.99	1.00
	1190	560	36.6	10.7	1.63	.79	.94	1.00	35.0	10.3	1.89	.80	.96	1.00	33.4	9.8	2.18	.82	.98	1.00	31.8	9.3	2.50	.84	1.00	1.00
67°F (19°C)	1125	530	38.5	11.3	1.63	.61	.75	.88	37.0	10.8	1.88	.62	.76	.90	35.2	10.3	2.16	.63	.78	.92	33.4	9.8	2.49	.64	.80	.95
	1170	550	39.0	11.4	1.63	.62	.76	.90	37.4	11.0	1.88	.63	.77	.92	35.6	10.4	2.16	.64	.79	.94	33.8	9.9	2.48	.65	.81	.97
	1190	560	39.0	11.4	1.63	.62	.76	.90	37.6	11.0	1.88	.63	.78	.92	35.8	10.5	2.16	.64	.79	.94	33.8	9.9	2.48	.65	.81	.97
71°F (22°C)	1125	530	41.0	12.0	1.62	.46	.60	.72	39.5	11.6	1.87	.46	.61	.74	37.6	11.0	2.15	.47	.62	.75	35.6	10.4	2.47	.47	.63	.77
	1170	550	41.5	12.2	1.62	.46	.61	.73	40.0	11.7	1.87	.47	.61	.75	38.0	11.1	2.15	.47	.63	.76	36.0	10.6	2.47	.48	.64	.78
	1190	560	41.5	12.2	1.62	.47	.61	.74	40.0	11.7	1.87	.47	.62	.75	38.0	11.1	2.15	.47	.63	.77	36.0	10.6	2.47	.48	.64	.79

HSXA19-048 - CR26-60W-F with G60DFV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1560	735	48.5	14.2	2.93	.79	.93	1.00	46.5	13.6	3.28	.80	.95	1.00	44.0	12.9	3.66	.82	.98	1.00	41.5	12.2	4.10	.84	.99	1.00
	1680	795	49.5	14.5	2.94	.81	.96	1.00	47.0	13.8	3.29	.82	.98	1.00	45.0	13.2	3.67	.84	.99	1.00	42.5	12.5	4.11	.87	1.00	1.00
	1705	805	49.5	14.5	2.94	.81	.96	1.00	47.5	13.9	3.29	.83	.98	1.00	45.0	13.2	3.68	.85	1.00	1.00	43.0	12.6	4.12	.88	1.00	1.00
67°F (19°C)	1560	735	51.5	15.1	2.96	.62	.76	.90	49.5	14.5	3.32	.63	.78	.92	47.0	13.8	3.70	.65	.80	.95	44.0	12.9	4.14	.66	.82	.97
	1680	795	52.5	15.4	2.98	.64	.78	.92	50.0	14.7	3.32	.65	.80	.95	47.5	13.9	3.71	.66	.82	.97	44.5	13.0	4.14	.67	.84	.99
71°F (22°C)	1560	735	54.5	16.0	3.00	.47	.61	.74	52.5	15.4	3.35	.47	.62	.76	49.5	14.5	3.74	.48	.63	.77	47.0	13.8	4.18	.49	.65	.80
	1680	795	55.5	16.3	3.01	.48	.62	.76	53.0	15.5	3.36	.48	.63	.77	50.5	14.8	3.75	.49	.65	.79	47.5	13.9	4.19	.50	.66	.82
	1705	805	55.5	16.3	3.01	.48	.63	.76	53.0	15.5	3.36	.48	.64	.78	50.5	14.8	3.75	.49	.65	.80	47.5	13.9	4.19	.50	.67	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH33-48C-2F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	880	415	34.2	10.0	1.64	.73	.85	.96	32.8	9.6	1.90	.73	.86	.98	31.2	9.1	2.19	.75	.88	1.00	29.8	8.7	2.52	.77	.91	1.00
	1080	510	36.0	10.6	1.64	.76	.90	1.00	34.6	10.1	1.89	.78	.92	1.00	33.0	9.7	2.18	.79	.94	1.00	31.2	9.1	2.51	.81	.97	1.00
	1345	635	38.0	11.1	1.63	.81	.96	1.00	36.4	10.7	1.88	.82	.98	1.00	34.6	10.1	2.17	.84	1.00	1.00	33.0	9.7	2.49	.87	1.00	1.00
67°F (19°C)	880	415	36.6	10.7	1.63	.58	.70	.81	35.2	10.3	1.89	.59	.71	.82	33.6	9.8	2.18	.59	.72	.84	31.8	9.3	2.50	.61	.74	.87
	1080	510	38.5	11.3	1.63	.60	.73	.86	36.8	10.8	1.88	.61	.75	.88	35.2	10.3	2.17	.62	.76	.90	33.4	9.8	2.49	.63	.78	.93
	1345	635	40.5	11.9	1.63	.64	.79	.93	38.5	11.3	1.87	.65	.80	.95	36.8	10.8	2.16	.65	.82	.97	34.8	10.2	2.48	.67	.83	1.00
71°F (22°C)	880	415	39.0	11.4	1.63	.46	.57	.67	37.2	10.9	1.88	.46	.57	.68	35.6	10.4	2.16	.46	.58	.69	33.8	9.9	2.49	.46	.59	.71
	1080	510	41.0	12.0	1.62	.46	.59	.70	39.0	11.4	1.87	.47	.60	.72	37.4	11.0	2.15	.47	.61	.74	35.6	10.4	2.47	.48	.62	.75
	1345	635	43.0	12.6	1.62	.48	.62	.75	41.0	12.0	1.87	.48	.63	.76	39.0	11.4	2.14	.49	.64	.80	37.2	10.9	2.46	.49	.66	.82

HSXA19-048 - CH33-48C-2F with G61MV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	47.5	13.9	2.92	.75	.88	1.00	45.5	13.3	3.27	.77	.90	1.00	43.5	12.7	3.65	.78	.93	1.00	41.0	12.0	4.09	.80	.95	1.00
	1600	755	49.0	14.4	2.94	.78	.92	1.00	47.0	13.8	3.28	.80	.94	1.00	44.5	13.0	3.67	.81	.97	1.00	42.0	12.3	4.11	.84	.99	1.00
	1720	810	50.0	14.7	2.94	.80	.95	1.00	48.0	14.1	3.30	.81	.97	1.00	45.5	13.3	3.68	.84	.99	1.00	43.0	12.6	4.11	.86	1.00	1.00
67°F (19°C)	1385	655	50.5	14.8	2.95	.60	.73	.85	48.5	14.2	3.30	.61	.74	.87	46.0	13.5	3.69	.62	.76	.89	43.5	12.7	4.13	.63	.78	.92
	1600	755	52.0	15.2	2.97	.62	.75	.89	50.0	14.7	3.32	.63	.77	.91	47.5	13.9	3.71	.64	.79	.93	44.5	13.0	4.14	.65	.81	.96
	1720	810	53.0	15.5	2.98	.63	.78	.92	50.5	14.8	3.33	.64	.79	.94	48.0	14.1	3.72	.65	.81	.96	45.0	13.2	4.15	.67	.83	.99
71°F (22°C)	1385	655	53.5	15.7	2.99	.47	.59	.70	51.0	14.9	3.34	.47	.59	.72	48.5	14.2	3.73	.47	.60	.73	46.0	13.5	4.17	.48	.62	.75
	1600	755	55.0	16.1	3.01	.47	.60	.73	53.0	15.5	3.36	.48	.61	.75	50.5	14.8	3.75	.48	.63	.76	47.5	13.9	4.18	.49	.64	.79
	1720	810	56.0	16.4	3.02	.48	.62	.75	53.5	15.7	3.37	.49	.63	.77	51.0	14.9	3.76	.49	.64	.79	48.0	14.1	4.20	.50	.65	.81

HSXA19-048 - CH33-60D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	885	420	34.6	10.1	1.66	.73	.85	.96	33.0	9.7	1.92	.74	.86	.98	31.6	9.3	2.22	.75	.88	1.00	30.0	8.8	2.56	.77	.91	1.00
	1085	510	36.4	10.7	1.65	.76	.90	1.00	34.8	10.2	1.91	.77	.92	1.00	33.2	9.7	2.20	.79	.94	1.00	31.4	9.2	2.54	.81	.97	1.00
	1350	635	38.5	11.3	1.64	.81	.97	1.00	36.8	10.8	1.90	.83	.99	1.00	35.0	10.3	2.19	.84	1.00	1.00	33.4	9.8	2.52	.87	1.00	1.00
67°F (19°C)	885	420	36.8	10.8	1.65	.58	.70	.81	35.4	10.4	1.90	.59	.71	.83	33.8	9.9	2.20	.59	.72	.84	32.2	9.4	2.54	.61	.74	.87
	1085	510	39.0	11.4	1.64	.60	.73	.86	37.2	10.9	1.90	.61	.75	.88	35.6	10.4	2.19	.62	.76	.90	33.6	9.8	2.52	.63	.78	.93
	1350	635	41.0	12.0	1.64	.64	.79	.93	39.0	11.4	1.89	.65	.80	.95	37.2	10.9	2.18	.66	.82	.97	35.4	10.4	2.51	.66	.84	1.00
71°F (22°C)	885	420	39.0	11.4	1.64	.45	.57	.67	37.6	11.0	1.89	.46	.57	.68	36.0	10.6	2.18	.46	.58	.69	34.2	10.0	2.52	.46	.59	.71
	1085	510	41.5	12.2	1.64	.46	.59	.71	39.5	11.6	1.89	.47	.60	.72	37.8	11.1	2.17	.47	.60	.74	36.0	10.6	2.50	.48	.62	.75
	1350	635	43.5	12.7	1.63	.48	.62	.76	41.5	12.2	1.88	.48	.63	.78	39.5	11.6	2.16	.49	.64	.79	37.6	11.0	2.48	.49	.66	.81

HSXA19-048 - CH33-60D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	48.0	14.1	2.92	.75	.89	1.00	46.0	13.5	3.27	.77	.91	1.00	43.5	12.7	3.65	.78	.93	1.00	41.0	12.0	4.09	.80	.96	1.00
	1600	755	49.5	14.5	2.94	.79	.93	1.00	47.5	13.9	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.97	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1720	810	50.5	14.8	2.95	.80	.95	1.00	48.0	14.1	3.30	.82	.97	1.00	45.5	13.3	3.69	.84	1.00	1.00	43.0	12.6	4.12	.86	1.00	1.00
67°F (19°C)	1385	655	51.0	14.9	2.95	.60	.73	.85	48.5	14.2	3.31	.61	.74	.87	46.5	13.6	3.69	.62	.76	.89	43.5	12.7	4.13	.63	.78	.92
	1600	755	52.5	15.4	2.97	.62	.76	.89	50.0	14.7	3.33	.63	.78	.91	47.5	13.9	3.71	.64	.79	.94	45.0	13.2	4.15	.66	.82	.97
	1720	810	53.5	15.7	2.98	.63	.78	.92	51.0	14.9	3.34	.64	.79	.94	48.5	14.2	3.72	.66	.82	.96	45.5	13.3	4.15	.67	.84	.99
71°F (22°C)	1385	655	54.0	15.8	2.99	.47	.59	.71	51.5	15.1	3.34	.47	.59	.72	49.0	14.4	3.73	.47	.61	.73	46.5	13.6	4.17	.48	.62	.75
	1600	755	55.5	16.3	3.01	.48	.60	.73	53.0	15.5	3.37	.48	.62	.75	50.5	14.8	3.76	.49	.63	.77	47.5	13.9	4.19	.49	.64	.79
	1720	810	56.5	16.6	3.02	.48	.62	.75	54.0	15.8	3.38	.49	.63	.77	51.5	15.1	3.77	.49	.64	.79	48.5	14.2	4.20	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH33-62D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	885	420	34.4	10.1	1.64	.73	.85	.96	33.0	9.7	1.90	.74	.86	.98	31.6	9.3	2.19	.75	.88	1.00	30.0	8.8	2.52	.77	.91	1.00
	1085	510	36.4	10.7	1.63	.76	.90	1.00	34.8	10.2	1.89	.78	.92	1.00	33.2	9.7	2.18	.79	.94	1.00	31.4	9.2	2.51	.81	.97	1.00
	1350	635	38.5	11.3	1.63	.81	.97	1.00	36.6	10.7	1.88	.83	.99	1.00	35.0	10.3	2.17	.85	1.00	1.00	33.4	9.8	2.49	.87	1.00	1.00
67°F (19°C)	885	420	36.6	10.7	1.63	.59	.70	.81	35.2	10.3	1.89	.59	.71	.83	33.6	9.8	2.17	.60	.72	.84	32.0	9.4	2.50	.61	.74	.87
	1085	510	38.5	11.3	1.63	.61	.74	.86	37.0	10.8	1.88	.61	.75	.88	35.4	10.4	2.16	.62	.76	.90	33.6	9.8	2.49	.64	.78	.93
	1350	635	41.0	12.0	1.62	.64	.79	.93	39.0	11.4	1.87	.65	.80	.95	37.2	10.9	2.15	.66	.82	.98	35.4	10.4	2.47	.67	.84	1.00
71°F (22°C)	885	420	39.0	11.4	1.63	.46	.57	.68	37.4	11.0	1.88	.46	.58	.69	35.8	10.5	2.16	.46	.58	.70	34.0	10.0	2.48	.46	.59	.71
	1085	510	41.0	12.0	1.62	.46	.59	.71	39.5	11.6	1.87	.47	.60	.72	37.6	11.0	2.15	.47	.61	.74	35.6	10.4	2.47	.48	.62	.76
	1350	635	43.0	12.6	1.62	.48	.62	.76	41.5	12.2	1.87	.48	.63	.78	39.5	11.6	2.14	.49	.65	.79	37.6	11.0	2.46	.50	.66	.82

HSXA19-048 - CH33-62D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	48.5	14.2	2.92	.75	.88	1.00	46.0	13.5	3.27	.77	.90	1.00	44.0	12.9	3.66	.78	.93	1.00	41.5	12.2	4.09	.80	.95	1.00
	1600	755	50.0	14.7	2.94	.78	.92	1.00	47.5	13.9	3.29	.80	.95	1.00	45.5	13.3	3.68	.82	.97	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1720	810	50.5	14.8	2.95	.80	.95	1.00	48.5	14.2	3.30	.82	.97	1.00	46.0	13.5	3.69	.84	.99	1.00	43.5	12.7	4.12	.86	1.00	1.00
67°F (19°C)	1385	655	51.0	14.9	2.96	.60	.73	.85	49.0	14.4	3.31	.61	.74	.87	46.5	13.6	3.70	.62	.76	.89	44.0	12.9	4.13	.63	.78	.92
	1600	755	53.0	15.5	2.98	.62	.76	.89	50.5	14.8	3.33	.63	.77	.91	48.0	14.1	3.72	.65	.79	.94	45.5	13.3	4.15	.66	.82	.97
	1720	810	53.5	15.7	2.99	.63	.78	.91	51.5	15.1	3.34	.65	.79	.94	49.0	14.4	3.73	.66	.81	.96	46.0	13.5	4.16	.67	.84	.99
71°F (22°C)	1385	655	54.0	15.8	2.99	.47	.59	.70	51.5	15.1	3.35	.47	.60	.72	49.0	14.4	3.73	.47	.61	.73	46.5	13.6	4.17	.48	.62	.75
	1600	755	55.5	16.3	3.02	.48	.61	.74	53.5	15.7	3.37	.48	.62	.75	51.0	14.9	3.76	.49	.63	.77	48.0	14.1	4.19	.49	.64	.79
	1720	810	56.5	16.6	3.03	.48	.62	.75	54.0	15.8	3.38	.49	.63	.77	51.5	15.1	3.77	.49	.64	.79	48.5	14.2	4.21	.50	.66	.81

HSXA19-048 - CH33-50/60C-2F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	880	415	34.2	10.0	1.64	.73	.85	.96	32.8	9.6	1.90	.73	.86	.98	31.4	9.2	2.19	.75	.88	1.00	29.8	8.7	2.52	.77	.91	1.00
	1080	510	36.2	10.6	1.64	.76	.90	1.00	34.8	10.2	1.89	.78	.92	1.00	33.2	9.7	2.18	.79	.94	1.00	31.4	9.2	2.51	.81	.97	1.00
	1345	635	38.0	11.1	1.63	.81	.97	1.00	36.6	10.7	1.88	.83	.99	1.00	34.8	10.2	2.17	.84	1.00	1.00	33.2	9.7	2.49	.87	1.00	1.00
67°F (19°C)	880	415	36.6	10.7	1.63	.58	.70	.81	35.2	10.3	1.89	.59	.71	.83	33.6	9.8	2.18	.60	.72	.85	32.0	9.4	2.50	.61	.74	.87
	1080	510	38.5	11.3	1.63	.61	.73	.86	37.0	10.8	1.88	.61	.75	.88	35.4	10.4	2.16	.62	.77	.90	33.4	9.8	2.49	.64	.78	.93
	1345	635	40.5	11.9	1.63	.64	.79	.93	39.0	11.4	1.87	.65	.81	.95	37.0	10.8	2.15	.66	.82	.98	35.0	10.3	2.48	.66	.84	1.00
71°F (22°C)	880	415	39.0	11.4	1.63	.45	.57	.67	37.4	11.0	1.88	.46	.57	.68	35.8	10.5	2.16	.46	.58	.69	34.0	10.0	2.49	.46	.59	.71
	1080	510	41.0	12.0	1.62	.46	.59	.71	39.5	11.6	1.87	.47	.60	.72	37.6	11.0	2.15	.47	.61	.74	35.8	10.5	2.47	.48	.62	.76
	1345	635	43.0	12.6	1.62	.48	.62	.76	41.5	12.2	1.87	.49	.63	.78	39.5	11.6	2.14	.49	.64	.80	37.4	11.0	2.46	.49	.66	.82

HSXA19-048 - CH33-50/60C-2F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1385	655	48.0	14.1	2.92	.75	.89	1.00	46.0	13.5	3.27	.77	.91	1.00	43.5	12.7	3.65	.78	.93	1.00	41.0	12.0	4.09	.80	.96	1.00
	1600	755	49.5	14.5	2.94	.78	.93	1.00	47.0	13.8	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.97	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1720	810	50.5	14.8	2.95	.80	.95	1.00	48.0	14.1	3.30	.82	.97	1.00	45.5	13.3	3.69	.84	1.00	1.00	43.0	12.6	4.12	.86	1.00	1.00
67°F (19°C)	1385	655	51.0	14.9	2.95	.60	.73	.85	48.5	14.2	3.31	.61	.74	.87	46.5	13.6	3.69	.62	.76	.89	43.5	12.7	4.13	.63	.78	.92
	1600	755	52.5	15.4	2.97	.62	.76	.89	50.0	14.7	3.33	.63	.77	.91	47.5	13.9	3.71	.64	.79	.94	45.0	13.2	4.15	.66	.82	.97
	1720	810	53.5	15.7	2.98	.63	.78	.92	51.0	14.9	3.34	.64	.79	.94	48.5	14.2	3.72	.66	.82	.96	45.5	13.3	4.15	.67	.84	.99
71°F (22°C)	1385	655	54.0	15.8	2.99	.47	.59	.71	51.5	15.1	3.34	.47	.59	.72	49.0	14.4	3.73	.47	.61	.73	46.5	13.6	4.17	.48	.62	.75
	1600	755	55.5	16.3	3.01	.47	.60	.73	53.0	15.5	3.37	.48	.62	.75	50.5	14.8	3.75	.48	.63	.77	47.5	13.9	4.19	.49	.64	.79
	1720	810	56.5	16.6	3.02	.48	.62	.75	54.0	15.8	3.38	.49	.63	.77	51.5	15.1	3.77	.49	.64	.79	48.5	14.2	4.20	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH33-48C-2F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	35.8	10.5	1.64	.76	.89	1.00	34.4	10.1	1.89	.77	.91	1.00	32.8	9.6	2.18	.79	.93	1.00	31.2	9.1	2.51	.80	.96	1.00
	1140	540	36.4	10.7	1.63	.77	.91	1.00	35.0	10.3	1.89	.79	.93	1.00	33.4	9.8	2.18	.80	.95	1.00	31.6	9.3	2.51	.82	.98	1.00
	1220	575	37.2	10.9	1.63	.79	.94	1.00	35.6	10.4	1.89	.80	.96	1.00	34.0	10.0	2.17	.82	.98	1.00	32.2	9.4	2.50	.84	1.00	1.00
67°F (19°C)	1065	505	38.5	11.3	1.63	.60	.73	.86	36.8	10.8	1.88	.61	.74	.87	35.0	10.3	2.16	.62	.76	.89	33.2	9.7	2.49	.63	.78	.92
	1140	540	39.0	11.4	1.63	.61	.74	.88	37.4	11.0	1.88	.62	.76	.89	35.6	10.4	2.16	.63	.77	.92	33.8	9.9	2.49	.64	.79	.94
	1220	575	39.5	11.6	1.63	.62	.76	.90	38.0	11.1	1.88	.63	.78	.92	36.2	10.6	2.16	.64	.80	.94	34.2	10.0	2.49	.65	.82	.97
71°F (22°C)	1065	505	40.5	11.9	1.62	.46	.58	.70	39.0	11.4	1.87	.46	.59	.72	37.2	10.9	2.15	.47	.61	.73	35.4	10.4	2.48	.47	.61	.75
	1140	540	41.5	12.2	1.62	.47	.59	.72	39.5	11.6	1.87	.47	.60	.73	38.0	11.1	2.15	.47	.61	.75	36.0	10.6	2.47	.48	.63	.77
	1220	575	42.0	12.3	1.62	.47	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.48	.63	.77	36.4	10.7	2.47	.49	.64	.79

HSXA19-048 - CH33-48C-2F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	48.5	14.2	2.93	.77	.91	1.00	46.5	13.6	3.28	.78	.93	1.00	44.0	12.9	3.67	.80	.95	1.00	41.5	12.2	4.10	.82	.98	1.00
	1630	770	49.5	14.5	2.94	.78	.93	1.00	47.0	13.8	3.29	.80	.95	1.00	45.0	13.2	3.68	.81	.97	1.00	42.0	12.3	4.10	.84	1.00	1.00
	1765	835	50.0	14.7	2.95	.80	.95	1.00	48.0	14.1	3.30	.82	.97	1.00	45.5	13.3	3.68	.83	.99	1.00	43.0	12.6	4.11	.86	1.00	1.00
67°F (19°C)	1520	715	51.5	15.1	2.96	.61	.74	.87	49.5	14.5	3.31	.62	.76	.89	47.0	13.8	3.70	.63	.78	.92	44.0	12.9	4.14	.64	.80	.95
	1630	770	52.5	15.4	2.97	.62	.76	.89	50.0	14.7	3.32	.63	.77	.92	47.5	13.9	3.71	.64	.79	.94	45.0	13.2	4.15	.66	.82	.97
	1765	835	53.0	15.5	2.98	.63	.78	.92	51.0	14.9	3.33	.64	.79	.94	48.0	14.1	3.72	.65	.81	.96	45.5	13.3	4.15	.67	.84	.99
71°F (22°C)	1520	715	54.5	16.0	3.00	.47	.60	.72	52.0	15.2	3.35	.47	.60	.73	49.5	14.5	3.74	.48	.62	.75	47.0	13.8	4.18	.48	.63	.77
	1630	770	55.5	16.3	3.01	.47	.60	.73	53.0	15.5	3.36	.48	.62	.75	50.5	14.8	3.75	.48	.63	.76	47.5	13.9	4.19	.49	.64	.79
	1765	835	56.5	16.6	3.02	.48	.62	.75	54.0	15.8	3.37	.49	.63	.77	51.0	14.9	3.76	.49	.64	.79	48.0	14.1	4.20	.50	.66	.81

HSXA19-048 - CH33-50/60C-2F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	36.0	10.6	1.64	.76	.89	1.00	34.6	10.1	1.89	.77	.91	1.00	33.0	9.7	2.18	.79	.94	1.00	31.2	9.1	2.51	.81	.96	1.00
	1140	540	36.6	10.7	1.63	.77	.91	1.00	35.2	10.3	1.89	.79	.93	1.00	33.4	9.8	2.17	.80	.96	1.00	31.8	9.3	2.51	.82	.98	1.00
	1220	575	37.4	11.0	1.63	.79	.94	1.00	35.8	10.5	1.89	.81	.96	1.00	34.2	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.84	1.00	1.00
67°F (19°C)	1065	505	38.5	11.3	1.63	.60	.73	.86	36.8	10.8	1.88	.61	.74	.88	35.2	10.3	2.17	.62	.76	.90	33.4	9.8	2.49	.63	.78	.92
	1140	540	39.0	11.4	1.63	.61	.75	.88	37.4	11.0	1.88	.62	.76	.89	35.8	10.5	2.16	.63	.78	.92	33.8	9.9	2.49	.64	.80	.95
	1220	575	40.0	11.7	1.63	.63	.77	.90	38.0	11.1	1.88	.63	.78	.92	36.4	10.7	2.16	.64	.80	.95	34.4	10.1	2.48	.66	.82	.97
71°F (22°C)	1065	505	41.0	12.0	1.62	.46	.58	.70	39.5	11.6	1.87	.47	.59	.72	37.4	11.0	2.15	.47	.60	.73	35.6	10.4	2.47	.47	.62	.75
	1140	540	41.5	12.2	1.62	.47	.59	.72	40.0	11.7	1.87	.47	.60	.73	38.0	11.1	2.15	.48	.62	.75	36.2	10.6	2.47	.48	.63	.77
	1220	575	42.5	12.5	1.62	.47	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.49	.63	.77	36.8	10.8	2.47	.49	.64	.79

HSXA19-048 - CH33-50/60C-2F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	49.0	14.4	2.93	.77	.91	1.00	46.5	13.6	3.28	.79	.93	1.00	44.5	13.0	3.67	.80	.96	1.00	42.0	12.3	4.10	.83	.98	1.00
	1630	770	49.5	14.5	2.94	.79	.93	1.00	47.5	13.9	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1765	835	50.5	14.8	2.95	.80	.96	1.00	48.0	14.1	3.30	.82	.98	1.00	46.0	13.5	3.69	.84	1.00	1.00	43.5	12.7	4.13	.87	1.00	1.00
67°F (19°C)	1520	715	52.0	15.2	2.97	.61	.74	.88	49.5	14.5	3.32	.62	.76	.90	47.0	13.8	3.71	.63	.78	.92	44.5	13.0	4.14	.65	.80	.95
	1630	770	52.5	15.4	2.98	.62	.76	.90	50.5	14.8	3.33	.63	.78	.92	47.5	13.9	3.71	.64	.80	.94	45.0	13.2	4.15	.66	.82	.97
	1765	835	53.5	15.7	2.99	.64	.78	.92	51.0	14.9	3.34	.64	.80	.94	48.5	14.2	3.72	.66	.82	.97	45.5	13.3	4.16	.67	.84	1.00
71°F (22°C)	1520	715	55.0	16.1	3.01	.47	.60	.72	52.5	15.4	3.36	.47	.60	.74	50.0	14.7	3.75	.48	.62	.75	47.0	13.8	4.18	.49	.63	.78
	1630	770	56.0	16.4	3.01	.48	.60	.74	53.5	15.7	3.37	.48	.62	.75	50.5	14.8	3.76	.48	.63	.77	48.0	14.1	4.19	.49	.64	.79
	1765	835	56.5	16.6	3.03	.48	.62	.76	54.0	15.8	3.38	.48	.63	.77	51.5	15.1	3.77	.49	.64	.80	48.5	14.2	4.20	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-048 - CH33-60D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	36.0	10.6	1.64	.76	.89	1.00	34.6	10.1	1.89	.77	.91	1.00	33.0	9.7	2.18	.79	.94	1.00	31.2	9.1	2.51	.81	.96	1.00
	1140	540	36.6	10.7	1.63	.77	.91	1.00	35.2	10.3	1.89	.79	.93	1.00	33.4	9.8	2.17	.80	.96	1.00	31.8	9.3	2.51	.82	.98	1.00
	1220	575	37.4	11.0	1.63	.79	.94	1.00	35.8	10.5	1.89	.81	.96	1.00	34.2	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.84	1.00	1.00
67°F (19°C)	1065	505	38.5	11.3	1.63	.60	.73	.86	36.8	10.8	1.88	.61	.74	.88	35.2	10.3	2.17	.62	.76	.90	33.4	9.8	2.49	.63	.78	.92
	1140	540	39.0	11.4	1.63	.61	.75	.88	37.4	11.0	1.88	.62	.76	.89	35.8	10.5	2.16	.63	.78	.92	33.8	9.9	2.49	.64	.80	.95
	1220	575	40.0	11.7	1.63	.63	.77	.90	38.0	11.1	1.88	.63	.78	.92	36.4	10.7	2.16	.64	.80	.95	34.4	10.1	2.48	.66	.82	.97
71°F (22°C)	1065	505	41.0	12.0	1.62	.46	.58	.70	39.5	11.6	1.87	.47	.59	.72	37.4	11.0	2.15	.47	.60	.73	35.6	10.4	2.47	.47	.62	.75
	1140	540	41.5	12.2	1.62	.47	.59	.72	40.0	11.7	1.87	.47	.60	.73	38.0	11.1	2.15	.48	.62	.75	36.2	10.6	2.47	.48	.63	.77
	1220	575	42.5	12.5	1.62	.47	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.15	.49	.63	.77	36.8	10.8	2.47	.49	.64	.79

HSXA19-048 - CH33-60D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	49.0	14.4	2.93	.77	.91	1.00	46.5	13.6	3.28	.79	.93	1.00	44.5	13.0	3.67	.80	.96	1.00	42.0	12.3	4.10	.83	.98	1.00
	1630	770	49.5	14.5	2.94	.79	.93	1.00	47.5	13.9	3.29	.80	.95	1.00	45.0	13.2	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1765	835	50.5	14.8	2.95	.80	.96	1.00	48.0	14.1	3.30	.82	.98	1.00	46.0	13.5	3.69	.84	1.00	1.00	43.5	12.7	4.13	.87	1.00	1.00
67°F (19°C)	1520	715	52.0	15.2	2.97	.61	.74	.88	49.5	14.5	3.32	.62	.76	.90	47.0	13.8	3.71	.63	.78	.92	44.5	13.0	4.14	.65	.80	.95
	1630	770	52.5	15.4	2.98	.62	.76	.90	50.5	14.8	3.33	.63	.78	.92	47.5	13.9	3.71	.64	.80	.94	45.0	13.2	4.15	.66	.82	.97
	1765	835	53.5	15.7	2.99	.64	.78	.92	51.0	14.9	3.34	.64	.80	.94	48.5	14.2	3.72	.66	.82	.97	45.5	13.3	4.16	.67	.84	1.00
71°F (22°C)	1520	715	55.0	16.1	3.01	.47	.60	.72	52.5	15.4	3.36	.47	.60	.74	50.0	14.7	3.75	.48	.62	.75	47.0	13.8	4.18	.49	.63	.78
	1630	770	56.0	16.4	3.01	.48	.60	.74	53.5	15.7	3.37	.48	.62	.75	50.5	14.8	3.76	.48	.63	.77	48.0	14.1	4.19	.49	.64	.79
	1765	835	56.5	16.6	3.03	.48	.62	.76	54.0	15.8	3.38	.48	.63	.77	51.5	15.1	3.77	.49	.64	.80	48.5	14.2	4.20	.50	.66	.81

HSXA19-048 - CH33-62D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1065	505	36.2	10.6	1.63	.76	.89	1.00	34.6	10.1	1.89	.77	.91	1.00	33.0	9.7	2.18	.79	.93	1.00	31.4	9.2	2.51	.81	.96	1.00
	1140	540	36.8	10.8	1.63	.77	.91	1.00	35.2	10.3	1.89	.79	.93	1.00	33.6	9.8	2.17	.80	.96	1.00	31.8	9.3	2.50	.82	.98	1.00
	1220	575	37.4	11.0	1.63	.79	.94	1.00	35.8	10.5	1.89	.81	.96	1.00	34.2	10.0	2.17	.82	.98	1.00	32.4	9.5	2.50	.84	1.00	1.00
67°F (19°C)	1065	505	38.5	11.3	1.63	.60	.73	.86	37.0	10.8	1.88	.61	.74	.87	35.2	10.3	2.17	.62	.76	.90	33.4	9.8	2.49	.63	.78	.92
	1140	540	39.0	11.4	1.63	.61	.75	.87	37.6	11.0	1.88	.62	.76	.89	35.8	10.5	2.16	.63	.78	.92	34.0	10.0	2.48	.64	.80	.94
	1220	575	40.0	11.7	1.63	.63	.76	.90	38.0	11.1	1.88	.64	.78	.92	36.4	10.7	2.16	.65	.80	.94	34.6	10.1	2.48	.66	.82	.97
71°F (22°C)	1065	505	40.5	11.9	1.62	.46	.59	.71	39.0	11.4	1.87	.47	.60	.72	37.4	11.0	2.15	.47	.61	.73	35.4	10.4	2.47	.47	.62	.75
	1140	540	41.5	12.2	1.62	.47	.60	.72	40.0	11.7	1.87	.47	.60	.73	38.0	11.1	2.15	.47	.62	.75	36.0	10.6	2.47	.48	.63	.77
	1220	575	42.0	12.3	1.62	.48	.61	.74	40.5	11.9	1.87	.48	.62	.75	38.5	11.3	2.14	.48	.63	.77	36.6	10.7	2.47	.49	.64	.79

HSXA19-048 - CH33-62D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1520	715	49.5	14.5	2.94	.77	.91	1.00	47.0	13.8	3.28	.79	.93	1.00	45.0	13.2	3.67	.80	.95	1.00	42.0	12.3	4.11	.83	.98	1.00
	1630	770	50.0	14.7	2.94	.78	.93	1.00	48.0	14.1	3.30	.80	.95	1.00	45.5	13.3	3.68	.82	.98	1.00	42.5	12.5	4.11	.84	1.00	1.00
	1765	835	51.0	14.9	2.96	.80	.95	1.00	48.5	14.2	3.31	.82	.98	1.00	46.0	13.5	3.69	.84	1.00	1.00	43.5	12.7	4.13	.87	1.00	1.00
67°F (19°C)	1520	715	52.0	15.2	2.97	.61	.75	.87	50.0	14.7	3.32	.62	.76	.90	47.5	13.9	3.71	.63	.78	.92	45.0	13.2	4.15	.65	.80	.95
	1630	770	53.0	15.5	2.98	.62	.76	.89	50.5	14.8	3.33	.63	.78	.92	48.0	14.1	3.72	.64	.80	.94	45.5	13.3	4.16	.66	.82	.97
	1765	835	54.0	15.8	2.99	.64	.78	.92	51.5	15.1	3.35	.65	.80	.94	49.0	14.4	3.73	.66	.82	.97	46.0	13.5	4.17	.68	.84	.99
71°F (22°C)	1520	715	55.0	16.1	3.01	.47	.60	.72	53.0	15.5	3.36	.48	.61	.74	50.0	14.7	3.75	.48	.62	.75	47.5	13.9	4.19	.48	.63	.78
	1630	770	56.0	16.4	3.02	.48	.61	.74	53.5	15.7	3.37	.48	.62	.75	51.0	14.9	3.76	.48	.63	.77	48.0	14.1	4.20	.49	.64	.79
	1765	835	57.0	16.7	3.03	.48	.62	.76	54.5	16.0	3.38	.49	.63	.77	51.5	15.1	3.77	.49	.65	.79	48.5	14.2	4.21	.50	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.5	12.7	2.10	.75	.88	1.00	41.5	12.2	2.46	.76	.90	1.00	40.0	11.7	2.85	.78	.92	1.00	38.0	11.1	3.32	.80	.94	1.00
	1400	660	44.0	12.9	2.10	.77	.90	1.00	42.5	12.5	2.45	.78	.92	1.00	40.5	11.9	2.85	.80	.94	1.00	38.5	11.3	3.31	.81	.97	1.00
	1500	710	45.0	13.2	2.09	.78	.92	1.00	43.0	12.6	2.45	.80	.94	1.00	41.0	12.0	2.85	.81	.96	1.00	39.0	11.4	3.30	.83	.99	1.00
67°F (19°C)	1300	615	46.0	13.5	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.86	42.5	12.5	2.84	.62	.75	.88	40.5	11.9	3.29	.63	.77	.91
	1400	660	47.0	13.8	2.09	.61	.74	.87	45.0	13.2	2.44	.62	.76	.89	43.0	12.6	2.83	.63	.77	.91	41.0	12.0	3.29	.64	.79	.93
	1500	710	47.5	13.9	2.09	.62	.76	.89	45.5	13.3	2.44	.63	.77	.91	43.5	12.7	2.83	.64	.79	.93	41.5	12.2	3.28	.65	.80	.95
71°F (22°C)	1300	615	49.0	14.4	2.08	.47	.59	.70	47.0	13.8	2.43	.47	.59	.71	45.0	13.2	2.82	.47	.60	.72	43.0	12.6	3.27	.48	.61	.74
	1400	660	49.5	14.5	2.08	.47	.60	.72	47.5	13.9	2.42	.47	.60	.73	45.5	13.3	2.82	.48	.62	.75	43.5	12.7	3.26	.49	.63	.76
	1500	710	50.5	14.8	2.08	.48	.60	.73	48.5	14.2	2.42	.48	.61	.75	46.5	13.6	2.81	.49	.63	.76	44.0	12.9	3.26	.49	.64	.78

HSXA19-060 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	57.0	16.7	3.76	.75	.88	1.00	54.5	16.0	4.22	.77	.90	1.00	52.0	15.2	4.72	.78	.92	1.00	49.0	14.4	5.28	.80	.95	1.00
	2000	945	58.5	17.1	3.78	.77	.91	1.00	56.0	16.4	4.23	.79	.93	1.00	53.0	15.5	4.74	.80	.95	1.00	50.0	14.7	5.30	.83	.98	1.00
	2200	1040	59.5	17.4	3.79	.79	.93	1.00	57.0	16.7	4.25	.81	.96	1.00	54.0	15.8	4.76	.82	.98	1.00	51.0	14.9	5.32	.85	1.00	1.00
67°F (19°C)	1800	850	60.5	17.7	3.81	.60	.73	.85	58.0	17.0	4.26	.61	.74	.87	55.0	16.1	4.77	.62	.76	.89	52.0	15.2	5.34	.64	.78	.92
	2000	945	62.0	18.2	3.82	.62	.75	.88	59.0	17.3	4.28	.63	.76	.89	56.0	16.4	4.79	.64	.78	.92	53.0	15.5	5.35	.65	.80	.95
	2200	1040	63.0	18.5	3.84	.63	.77	.90	60.0	17.6	4.30	.64	.78	.92	57.0	16.7	4.81	.65	.80	.95	53.5	15.7	5.37	.67	.83	.98
71°F (22°C)	1800	850	64.0	18.8	3.85	.47	.59	.70	61.0	17.9	4.32	.48	.60	.72	58.0	17.0	4.82	.48	.61	.73	55.0	16.1	5.39	.49	.62	.75
	2000	945	65.0	19.0	3.87	.48	.60	.72	62.5	18.3	4.33	.48	.61	.74	59.5	17.4	4.84	.49	.62	.75	56.0	16.4	5.41	.49	.64	.77
	2200	1040	67.0	19.6	3.89	.48	.61	.74	63.5	18.6	4.35	.49	.62	.76	60.5	17.7	4.86	.49	.64	.78	57.0	16.7	5.43	.50	.65	.80

HSXA19-060 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.0	12.9	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.5	11.9	2.85	.78	.93	1.00	38.5	11.3	3.31	.80	.95	1.00
	1400	660	44.5	13.0	2.10	.77	.91	1.00	43.0	12.6	2.45	.79	.93	1.00	41.0	12.0	2.85	.80	.95	1.00	39.0	11.4	3.31	.82	.97	1.00
	1500	710	45.5	13.3	2.09	.79	.93	1.00	43.5	12.7	2.45	.80	.95	1.00	41.5	12.2	2.84	.82	.97	1.00	39.5	11.6	3.30	.83	.99	1.00
67°F (19°C)	1300	615	46.5	13.6	2.09	.60	.73	.85	45.0	13.2	2.44	.61	.74	.87	43.0	12.6	2.83	.62	.76	.89	41.0	12.0	3.29	.63	.78	.91
	1400	660	47.5	13.9	2.09	.61	.74	.87	45.5	13.3	2.44	.62	.76	.89	43.5	12.7	2.83	.63	.78	.91	41.5	12.2	3.28	.65	.79	.94
	1500	710	48.0	14.1	2.08	.62	.76	.90	46.0	13.5	2.43	.63	.78	.91	44.0	12.9	2.82	.64	.80	.94	42.0	12.3	3.28	.66	.81	.96
71°F (22°C)	1300	615	49.5	14.5	2.08	.47	.59	.71	47.5	13.9	2.42	.47	.60	.72	45.5	13.3	2.82	.48	.60	.73	43.5	12.7	3.27	.48	.62	.75
	1400	660	50.0	14.7	2.08	.47	.60	.72	48.5	14.2	2.42	.47	.61	.74	46.0	13.5	2.81	.48	.62	.75	44.0	12.9	3.26	.49	.63	.77
	1500	710	51.0	14.9	2.08	.47	.61	.74	49.0	14.4	2.42	.48	.62	.75	47.0	13.8	2.81	.49	.63	.77	44.5	13.0	3.25	.49	.64	.79

HSXA19-060 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	52.5	15.4	4.73	.79	.93	1.00	49.5	14.5	5.29	.81	.96	1.00
	2000	945	59.5	17.4	3.79	.78	.92	1.00	56.5	16.6	4.25	.79	.94	1.00	53.5	15.7	4.75	.81	.96	1.00	50.5	14.8	5.31	.83	.99	1.00
	2200	1040	60.5	17.7	3.80	.80	.94	1.00	57.5	16.9	4.26	.81	.97	1.00	55.0	16.1	4.77	.83	.99	1.00	51.5	15.1	5.32	.86	1.00	1.00
67°F (19°C)	1800	850	61.5	18.0	3.82	.61	.73	.86	58.5	17.1	4.28	.61	.75	.87	55.5	16.3	4.78	.62	.76	.90	52.5	15.4	5.35	.64	.78	.93
	2000	945	63.0	18.5	3.84	.62	.75	.88	60.0	17.6	4.29	.63	.77	.90	57.0	16.7	4.80	.64	.79	.93	53.5	15.7	5.37	.65	.81	.96
	2200	1040	64.0	18.8	3.85	.63	.77	.91	61.0	17.9	4.31	.64	.79	.93	58.0	17.0	4.82	.66	.81	.96	54.5	16.0	5.38	.67	.83	.99
71°F (22°C)	1800	850	65.0	19.0	3.87	.47	.59	.71	62.0	18.2	4.33	.48	.60	.72	59.0	17.3	4.83	.48	.61	.74	55.5	16.3	5.41	.49	.62	.76
	2000	945	66.0	19.3	3.88	.48	.60	.73	63.5	18.6	4.35	.48	.61	.74	60.0	17.6	4.86	.49	.63	.76	56.5	16.6	5.43	.49	.64	.79
	2200	1040	68.0	19.9	3.90	.48	.62	.75	64.5	18.9	4.37	.49	.63	.76	61.5	18.0	4.88	.49	.64	.79	58.0	17.0	5.45	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - C33-60D - CX34-60D-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.0	12.9	2.10	.75	.89	1.00	42.5	12.5	2.45	.77	.90	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.95	1.00
	1400	660	45.0	13.2	2.10	.77	.91	1.00	43.0	12.6	2.45	.79	.93	1.00	41.0	12.0	2.85	.80	.95	1.00	39.0	11.4	3.30	.82	.98	1.00
	1500	710	45.5	13.3	2.09	.79	.93	1.00	43.5	12.7	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	39.5	11.6	3.30	.84	.99	1.00
67°F (19°C)	1300	615	46.5	13.6	2.09	.60	.73	.85	45.0	13.2	2.44	.61	.74	.87	43.0	12.6	2.83	.62	.76	.89	41.0	12.0	3.29	.63	.78	.92
	1400	660	47.5	13.9	2.09	.62	.75	.87	45.5	13.3	2.43	.63	.76	.89	43.5	12.7	2.83	.64	.78	.92	41.5	12.2	3.28	.65	.80	.94
	1500	710	48.0	14.1	2.08	.63	.76	.90	46.5	13.6	2.43	.64	.78	.91	44.5	13.0	2.82	.65	.79	.94	42.0	12.3	3.27	.66	.82	.96
71°F (22°C)	1300	615	49.5	14.5	2.08	.47	.59	.71	47.5	13.9	2.42	.47	.60	.72	45.5	13.3	2.82	.48	.61	.73	43.5	12.7	3.26	.48	.62	.75
	1400	660	50.5	14.8	2.08	.48	.60	.72	48.5	14.2	2.42	.48	.61	.73	46.5	13.6	2.81	.48	.62	.75	44.0	12.9	3.26	.49	.63	.77
	1500	710	51.0	14.9	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.0	13.8	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

HSXA19-060 - C33-60D - CX34-60D-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.5	17.1	3.77	.76	.89	1.00	56.0	16.4	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	2000	945	59.5	17.4	3.79	.78	.92	1.00	57.0	16.7	4.25	.80	.94	1.00	54.0	15.8	4.76	.81	.97	1.00	51.0	14.9	5.32	.84	.99	1.00
	2200	1040	60.5	17.7	3.81	.80	.95	1.00	58.0	17.0	4.26	.82	.97	1.00	55.0	16.1	4.77	.84	.99	1.00	52.0	15.2	5.33	.86	1.00	1.00
67°F (19°C)	1800	850	62.0	18.2	3.82	.61	.73	.86	59.0	17.3	4.28	.62	.75	.88	56.0	16.4	4.79	.63	.77	.90	53.0	15.5	5.35	.64	.79	.93
	2000	945	63.0	18.5	3.84	.62	.75	.89	60.0	17.6	4.30	.63	.77	.91	57.0	16.7	4.81	.64	.79	.93	54.0	15.8	5.37	.66	.81	.96
	2200	1040	64.0	18.8	3.85	.63	.77	.91	61.5	18.0	4.32	.64	.79	.94	58.0	17.0	4.83	.66	.81	.96	55.0	16.1	5.39	.67	.84	.99
71°F (22°C)	1800	850	65.0	19.0	3.87	.47	.60	.71	62.5	18.3	4.34	.48	.60	.73	59.5	17.4	4.84	.48	.61	.74	56.0	16.4	5.42	.49	.63	.76
	2000	945	67.0	19.6	3.89	.48	.61	.73	64.0	18.8	4.35	.48	.62	.75	60.5	17.7	4.87	.49	.63	.77	57.0	16.7	5.44	.49	.64	.79
	2200	1040	68.0	19.9	3.91	.48	.62	.75	65.0	19.0	4.37	.49	.63	.77	61.5	18.0	4.89	.50	.64	.79	58.0	17.0	5.46	.50	.66	.81

HSXA19-060 - C33-62D - CX34-62D-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.0	13.2	2.10	.76	.89	1.00	43.0	12.6	2.45	.78	.91	1.00	41.5	12.2	2.85	.79	.94	1.00	39.5	11.6	3.31	.81	.96	1.00
	1400	660	46.0	13.5	2.09	.78	.92	1.00	44.0	12.9	2.44	.79	.94	1.00	42.0	12.3	2.84	.81	.96	1.00	40.0	11.7	3.29	.83	.99	1.00
	1500	710	46.5	13.6	2.09	.80	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.83	.83	.98	1.00	40.5	11.9	3.29	.85	1.00	1.00
67°F (19°C)	1300	615	47.5	13.9	2.08	.61	.74	.86	45.5	13.3	2.43	.61	.75	.88	43.5	12.7	2.83	.63	.77	.90	41.5	12.2	3.28	.64	.79	.93
	1400	660	48.5	14.2	2.08	.61	.75	.88	46.5	13.6	2.43	.63	.77	.90	44.5	13.0	2.82	.64	.79	.93	42.5	12.5	3.27	.65	.81	.95
	1500	710	49.0	14.4	2.08	.63	.77	.91	47.0	13.8	2.43	.64	.79	.93	45.0	13.2	2.82	.65	.80	.95	43.0	12.6	3.26	.66	.82	.98
71°F (22°C)	1300	615	50.5	14.8	2.08	.47	.59	.71	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1400	660	51.0	14.9	2.08	.48	.60	.73	49.0	14.4	2.42	.48	.61	.74	47.0	13.8	2.80	.48	.63	.76	44.5	13.0	3.25	.49	.64	.78
	1500	710	52.0	15.2	2.07	.48	.60	.74	50.0	14.7	2.42	.49	.63	.76	47.5	13.9	2.80	.49	.64	.78	45.5	13.3	3.25	.50	.65	.80

HSXA19-060 - C33-62D - CX34-62D-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	60.0	17.6	3.79	.77	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.5	16.0	4.76	.80	.95	1.00	51.0	14.9	5.33	.82	.98	1.00
	2000	945	61.5	18.0	3.82	.79	.93	1.00	58.5	17.1	4.27	.81	.95	1.00	55.5	16.3	4.78	.83	.98	1.00	52.0	15.2	5.35	.85	1.00	1.00
	2200	1040	62.5	18.3	3.83	.81	.96	1.00	59.5	17.4	4.29	.83	.98	1.00	56.5	16.6	4.80	.85	1.00	1.00	53.5	15.7	5.37	.88	1.00	1.00
67°F (19°C)	1800	850	63.0	18.5	3.84	.61	.74	.87	60.5	17.7	4.30	.62	.76	.89	57.5	16.9	4.81	.63	.77	.91	54.0	15.8	5.38	.65	.80	.94
	2000	945	64.5	18.9	3.86	.63	.76	.90	61.5	18.0	4.32	.64	.78	.92	58.5	17.1	4.83	.65	.80	.95	55.5	16.3	5.40	.67	.83	.98
	2200	1040	66.0	19.3	3.88	.64	.79	.93	63.0	18.5	4.34	.65	.81	.95	59.5	17.4	4.85	.67	.83	.98	56.0	16.4	5.42	.68	.85	1.00
71°F (22°C)	1800	850	67.0	19.6	3.89	.47	.60	.72	64.0	18.8	4.36	.48	.61	.73	61.0	17.9	4.87	.48	.62	.75	57.5	16.9	5.44	.49	.63	.77
	2000	945	68.0	19.9	3.91	.48	.61	.74	65.0	19.0	4.38	.49	.62	.76	62.0	18.2	4.89	.49	.64	.78	58.5	17.1	5.46	.50	.65	.80
	2200	1040	70.0	20.5	3.93	.49	.63	.76	67.0	19.6	4.40	.49	.64	.78	63.0	18.5	4.91	.50	.65	.80	59.0	17.3	5.47	.51	.67	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	42.5	12.5	2.11	.75	.88	1.00	40.5	11.9	2.47	.77	.90	1.00	39.0	11.4	2.87	.78	.92	1.00	37.0	10.8	3.33	.80	.94	1.00
	1400	660	43.0	12.6	2.11	.77	.91	1.00	41.5	12.2	2.46	.78	.92	1.00	39.5	11.6	2.86	.80	.94	1.00	37.6	11.0	3.32	.81	.97	1.00
	1500	710	43.5	12.7	2.10	.78	.92	1.00	42.0	12.3	2.46	.80	.94	1.00	40.0	11.7	2.86	.81	.96	1.00	38.0	11.1	3.32	.83	.98	1.00
67°F (19°C)	1300	615	45.0	13.2	2.10	.61	.73	.85	43.5	12.7	2.44	.61	.74	.87	41.5	12.2	2.84	.62	.76	.89	39.5	11.6	3.30	.63	.77	.91
	1400	660	46.0	13.5	2.09	.62	.75	.87	44.0	12.9	2.45	.63	.76	.89	42.0	12.3	2.84	.64	.77	.91	40.0	11.7	3.30	.65	.79	.93
	1500	710	46.5	13.6	2.09	.63	.76	.89	44.5	13.0	2.44	.63	.77	.91	42.5	12.5	2.83	.64	.79	.93	40.5	11.9	3.29	.66	.81	.96
71°F (22°C)	1300	615	47.5	13.9	2.08	.46	.59	.71	46.0	13.5	2.43	.47	.60	.72	44.0	12.9	2.82	.47	.61	.73	42.0	12.3	3.28	.48	.62	.75
	1400	660	48.5	14.2	2.08	.47	.60	.72	46.5	13.6	2.43	.48	.61	.73	44.5	13.0	2.82	.48	.62	.75	42.5	12.5	3.27	.49	.63	.76
	1500	710	49.0	14.4	2.08	.48	.61	.74	47.5	13.9	2.43	.48	.62	.75	45.0	13.2	2.82	.49	.63	.76	43.0	12.6	3.27	.49	.64	.78

HSXA19-060 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	56.0	16.4	3.74	.76	.89	1.00	53.0	15.5	4.19	.77	.91	1.00	50.5	14.8	4.69	.79	.93	1.00	47.5	13.9	5.26	.81	.96	1.00
	2000	945	57.0	16.7	3.75	.78	.91	1.00	54.5	16.0	4.21	.79	.94	1.00	51.5	15.1	4.71	.81	.96	1.00	48.5	14.2	5.27	.83	.98	1.00
	2200	1040	58.0	17.0	3.76	.80	.94	1.00	55.0	16.1	4.22	.81	.96	1.00	52.5	15.4	4.73	.83	.98	1.00	49.5	14.5	5.29	.85	1.00	1.00
67°F (19°C)	1800	850	59.0	17.3	3.79	.61	.73	.85	56.5	16.6	4.24	.62	.75	.87	53.5	15.7	4.74	.63	.76	.90	50.5	14.8	5.31	.64	.78	.92
	2000	945	60.5	17.7	3.80	.62	.75	.88	57.5	16.9	4.26	.63	.77	.90	54.5	16.0	4.76	.65	.79	.93	51.5	15.1	5.33	.66	.81	.96
	2200	1040	61.5	18.0	3.81	.64	.77	.91	58.5	17.1	4.27	.65	.79	.93	55.5	16.3	4.78	.66	.81	.96	52.5	15.4	5.34	.67	.83	.98
71°F (22°C)	1800	850	62.5	18.3	3.83	.46	.60	.71	59.5	17.4	4.29	.47	.61	.72	56.5	16.6	4.80	.48	.62	.74	53.5	15.7	5.37	.48	.63	.76
	2000	945	63.5	18.6	3.85	.47	.61	.73	61.0	17.9	4.31	.48	.62	.75	58.0	17.0	4.81	.49	.63	.76	54.5	16.0	5.39	.49	.65	.78
	2200	1040	65.0	19.0	3.86	.48	.62	.75	62.0	18.2	4.32	.49	.63	.77	59.0	17.3	4.83	.50	.65	.79	55.5	16.3	5.40	.50	.66	.81

HSXA19-060 - CR26-60N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.0	12.9	2.10	.77	.90	1.00	42.0	12.3	2.46	.78	.92	1.00	40.0	11.7	2.85	.79	.94	1.00	38.0	11.1	3.32	.81	.96	1.00
	1400	660	44.5	13.0	2.10	.78	.93	1.00	43.0	12.6	2.45	.80	.95	1.00	41.0	12.0	2.85	.81	.97	1.00	39.0	11.4	3.31	.83	.99	1.00
	1500	710	45.5	13.3	2.10	.80	.95	1.00	43.5	12.7	2.45	.81	.97	1.00	41.5	12.2	2.84	.83	.99	1.00	39.5	11.6	3.30	.85	1.00	1.00
67°F (19°C)	1300	615	46.5	13.6	2.09	.61	.74	.87	45.0	13.2	2.44	.62	.75	.89	43.0	12.6	2.83	.63	.77	.91	40.5	11.9	3.29	.64	.79	.93
	1400	660	47.5	13.9	2.09	.62	.76	.89	45.5	13.3	2.44	.63	.77	.91	43.5	12.7	2.83	.64	.79	.93	41.5	12.2	3.28	.66	.81	.96
	1500	710	48.0	14.1	2.08	.63	.77	.91	46.0	13.5	2.43	.64	.79	.93	44.0	12.9	2.83	.65	.81	.96	42.0	12.3	3.28	.67	.83	.98
71°F (22°C)	1300	615	49.5	14.5	2.08	.46	.60	.72	47.5	13.9	2.43	.47	.61	.73	45.5	13.3	2.82	.47	.62	.75	43.0	12.6	3.27	.48	.63	.76
	1400	660	50.0	14.7	2.08	.47	.61	.74	48.0	14.1	2.42	.48	.62	.75	46.0	13.5	2.81	.48	.63	.76	44.0	12.9	3.26	.49	.64	.78
	1500	710	51.0	14.9	2.08	.48	.62	.75	49.0	14.4	2.42	.48	.63	.77	46.5	13.6	2.81	.49	.64	.78	44.5	13.0	3.26	.50	.65	.80

HSXA19-060 - CR26-60N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.0	17.0	3.77	.77	.91	1.00	55.0	16.1	4.22	.79	.93	1.00	52.5	15.4	4.73	.81	.95	1.00	49.0	14.4	5.29	.83	.98	1.00
	2000	945	59.0	17.3	3.79	.80	.94	1.00	56.5	16.6	4.24	.81	.96	1.00	53.5	15.7	4.74	.83	.98	1.00	50.5	14.8	5.31	.86	1.00	1.00
	2200	1040	60.0	17.6	3.80	.82	.97	1.00	57.5	16.9	4.25	.84	.99	1.00	54.5	16.0	4.76	.86	1.00	1.00	51.5	15.1	5.33	.88	1.00	1.00
67°F (19°C)	1800	850	61.5	18.0	3.81	.62	.75	.88	58.5	17.1	4.27	.63	.77	.90	55.5	16.3	4.78	.64	.78	.92	52.5	15.4	5.34	.65	.81	.95
	2000	945	62.5	18.3	3.83	.63	.77	.91	59.5	17.4	4.29	.64	.79	.93	56.5	16.6	4.80	.66	.81	.96	53.0	15.5	5.36	.67	.83	.98
	2200	1040	63.5	18.6	3.85	.65	.80	.94	61.0	17.9	4.31	.66	.81	.96	57.5	16.9	4.81	.67	.83	.98	54.0	15.8	5.38	.69	.86	1.00
71°F (22°C)	1800	850	65.0	19.0	3.86	.47	.61	.73	62.0	18.2	4.32	.47	.62	.74	58.5	17.1	4.83	.48	.63	.76	55.5	16.3	5.41	.49	.64	.78
	2000	945	66.0	19.3	3.88	.48	.62	.75	63.0	18.5	4.34	.48	.63	.77	60.0	17.6	4.85	.49	.64	.79	56.5	16.6	5.42	.50	.66	.81
	2200	1040	67.0	19.6	3.90	.49	.64	.77	64.0	18.8	4.36	.49	.65	.79	61.0	17.9	4.87	.50	.66	.81	57.5	16.9	5.44	.51	.68	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CH23-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.0	12.6	2.10	.76	.89	1.00	41.5	12.2	2.46	.77	.91	1.00	39.5	11.6	2.86	.79	.93	1.00	37.4	11.0	3.33	.80	.95	1.00
	1400	660	43.5	12.7	2.10	.78	.92	1.00	42.0	12.3	2.46	.79	.94	1.00	40.0	11.7	2.86	.81	.96	1.00	38.0	11.1	3.32	.82	.98	1.00
	1500	710	44.5	13.0	2.10	.79	.94	1.00	42.5	12.5	2.46	.81	.95	1.00	40.5	11.9	2.85	.82	.98	1.00	38.5	11.3	3.31	.84	.99	1.00
67°F (19°C)	1300	615	45.5	13.3	2.09	.61	.74	.86	44.0	12.9	2.45	.62	.75	.88	42.0	12.3	2.84	.62	.76	.90	40.0	11.7	3.30	.64	.78	.92
	1400	660	46.5	13.6	2.09	.62	.75	.88	44.5	13.0	2.44	.63	.77	.90	42.5	12.5	2.84	.64	.78	.92	40.5	11.9	3.29	.65	.80	.95
	1500	710	47.0	13.8	2.09	.63	.77	.90	45.5	13.3	2.44	.64	.78	.92	43.0	12.6	2.83	.65	.80	.94	41.0	12.0	3.29	.66	.82	.97
71°F (22°C)	1300	615	48.0	14.1	2.08	.47	.59	.71	46.5	13.6	2.43	.47	.60	.72	44.5	13.0	2.82	.47	.61	.74	42.5	12.5	3.27	.48	.62	.76
	1400	660	49.0	14.4	2.08	.47	.60	.73	47.0	13.8	2.43	.47	.61	.74	45.0	13.2	2.82	.48	.62	.76	43.0	12.6	3.27	.49	.64	.78
	1500	710	49.5	14.5	2.08	.48	.61	.74	48.0	14.1	2.42	.48	.62	.76	46.0	13.5	2.81	.49	.63	.77	43.5	12.7	3.26	.49	.65	.79

HSXA19-060 - CH23-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	56.5	16.6	3.75	.76	.90	1.00	54.0	15.8	4.21	.78	.92	1.00	51.0	14.9	4.71	.80	.94	1.00	48.0	14.1	5.26	.82	.97	1.00
	2000	945	57.5	16.9	3.77	.79	.93	1.00	55.0	16.1	4.22	.80	.95	1.00	52.0	15.2	4.72	.82	.97	1.00	49.0	14.4	5.28	.85	.99	1.00
	2200	1040	58.5	17.1	3.78	.81	.96	1.00	56.0	16.4	4.23	.83	.98	1.00	53.0	15.5	4.74	.85	.99	1.00	50.5	14.8	5.30	.87	1.00	1.00
67°F (19°C)	1800	850	60.0	17.6	3.80	.61	.74	.87	57.0	16.7	4.25	.62	.76	.89	54.5	16.0	4.76	.63	.77	.91	51.0	14.9	5.32	.65	.79	.94
	2000	945	61.0	17.9	3.81	.62	.76	.90	58.5	17.1	4.27	.63	.78	.92	55.5	16.3	4.78	.65	.80	.94	52.0	15.2	5.34	.66	.82	.97
	2200	1040	62.0	18.2	3.83	.64	.79	.93	59.5	17.4	4.29	.65	.80	.95	56.5	16.6	4.79	.66	.82	.97	53.0	15.5	5.36	.68	.85	.99
71°F (22°C)	1800	850	63.0	18.5	3.84	.47	.60	.72	60.5	17.7	4.31	.48	.61	.73	57.5	16.9	4.81	.48	.62	.75	54.0	15.8	5.38	.48	.63	.77
	2000	945	64.5	18.9	3.86	.48	.61	.74	61.5	18.0	4.32	.48	.62	.76	58.5	17.1	4.83	.49	.63	.78	55.0	16.1	5.39	.49	.65	.80
	2200	1040	66.0	19.3	3.87	.49	.63	.76	62.5	18.3	4.33	.49	.64	.78	59.5	17.4	4.85	.50	.65	.80	56.0	16.4	5.41	.50	.67	.83

HSXA19-060 - CH23-65 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.5	12.7	2.10	.76	.90	1.00	41.5	12.2	2.46	.78	.92	1.00	40.0	11.7	2.86	.79	.94	1.00	37.8	11.1	3.32	.81	.96	1.00
	1400	660	44.0	12.9	2.10	.78	.92	1.00	42.5	12.5	2.45	.79	.94	1.00	40.5	11.9	2.85	.81	.96	1.00	38.5	11.3	3.31	.83	.98	1.00
	1500	710	45.0	13.2	2.10	.79	.94	1.00	43.0	12.6	2.45	.81	.96	1.00	41.0	12.0	2.85	.83	.98	1.00	39.0	11.4	3.30	.85	1.00	1.00
67°F (19°C)	1300	615	46.0	13.5	2.09	.61	.74	.86	44.5	13.0	2.44	.62	.75	.88	42.5	12.5	2.84	.63	.77	.90	40.5	11.9	3.29	.64	.78	.93
	1400	660	47.0	13.8	2.09	.62	.75	.89	45.0	13.2	2.44	.63	.77	.91	43.0	12.6	2.83	.64	.78	.93	41.0	12.0	3.29	.65	.80	.95
	1500	710	48.0	14.1	2.09	.63	.77	.91	46.0	13.5	2.43	.64	.79	.93	44.0	12.9	2.83	.65	.80	.95	41.5	12.2	3.28	.66	.82	.97
71°F (22°C)	1300	615	49.0	14.4	2.08	.47	.59	.71	47.0	13.8	2.43	.47	.60	.72	45.0	13.2	2.82	.47	.61	.74	43.0	12.6	3.27	.48	.62	.76
	1400	660	50.0	14.7	2.08	.47	.61	.73	48.0	14.1	2.42	.47	.61	.74	45.5	13.3	2.81	.48	.62	.76	43.5	12.7	3.26	.49	.64	.78
	1500	710	50.5	14.8	2.08	.48	.62	.75	48.5	14.2	2.42	.48	.63	.76	46.5	13.6	2.81	.48	.64	.78	44.0	12.9	3.26	.49	.65	.80

HSXA19-060 - CH23-65 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	57.5	16.9	3.76	.77	.91	1.00	54.5	16.0	4.21	.78	.93	1.00	52.0	15.2	4.72	.80	.95	1.00	49.0	14.4	5.28	.82	.97	1.00
	2000	945	58.5	17.1	3.78	.79	.94	1.00	55.5	16.3	4.23	.81	.96	1.00	53.0	15.5	4.73	.83	.98	1.00	50.0	14.7	5.30	.85	1.00	1.00
	2200	1040	59.5	17.4	3.79	.81	.96	1.00	57.0	16.7	4.25	.83	.98	1.00	54.0	15.8	4.75	.85	1.00	1.00	51.5	15.1	5.33	.88	1.00	1.00
67°F (19°C)	1800	850	60.5	17.7	3.80	.61	.75	.87	58.0	17.0	4.27	.62	.76	.89	55.0	16.1	4.77	.63	.78	.92	52.0	15.2	5.33	.65	.80	.94
	2000	945	62.0	18.2	3.83	.63	.77	.90	59.5	17.4	4.29	.64	.78	.93	56.0	16.4	4.79	.65	.80	.95	53.0	15.5	5.35	.67	.83	.98
	2200	1040	63.0	18.5	3.84	.64	.79	.93	60.0	17.6	4.30	.65	.81	.95	57.0	16.7	4.81	.67	.83	.98	53.5	15.7	5.37	.68	.86	.99
71°F (22°C)	1800	850	64.0	18.8	3.86	.47	.60	.72	61.5	18.0	4.31	.47	.61	.74	58.5	17.1	4.83	.48	.62	.75	55.0	16.1	5.39	.48	.63	.78
	2000	945	65.0	19.0	3.87	.48	.61	.74	62.5	18.3	4.33	.48	.62	.76	59.5	17.4	4.85	.48	.64	.78	56.0	16.4	5.41	.49	.65	.80
	2200	1040	67.0	19.6	3.89	.49	.63	.77	63.5	18.6	4.35	.49	.64	.79	60.5	17.7	4.86	.49	.65	.81	57.0	16.7	5.43	.50	.67	.84

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CH33-60D-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.95	1.00
	1400	660	45.0	13.2	2.10	.77	.91	1.00	43.0	12.6	2.45	.79	.93	1.00	41.5	12.2	2.85	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	45.5	13.3	2.09	.79	.93	1.00	44.0	12.9	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.30	.84	1.00	1.00
67°F (19°C)	1300	615	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.61	.74	.87	43.0	12.6	2.83	.62	.76	.89	41.0	12.0	3.28	.63	.78	.92
	1400	660	48.0	14.1	2.09	.62	.75	.88	46.0	13.5	2.43	.62	.76	.90	44.0	12.9	2.83	.64	.78	.92	41.5	12.2	3.28	.65	.80	.94
	1500	710	48.5	14.2	2.08	.63	.76	.90	46.5	13.6	2.43	.64	.78	.92	44.5	13.0	2.82	.65	.79	.94	42.0	12.3	3.27	.66	.82	.97
71°F (22°C)	1300	615	50.0	14.7	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.59	.72	46.0	13.5	2.82	.48	.61	.73	43.5	12.7	3.26	.48	.62	.75
	1400	660	50.5	14.8	2.08	.47	.60	.72	48.5	14.2	2.42	.48	.61	.74	46.5	13.6	2.81	.48	.62	.75	44.5	13.0	3.26	.49	.63	.77
	1500	710	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

HSXA19-060 - CH33-60D-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.5	17.1	3.78	.76	.89	1.00	56.0	16.4	4.24	.77	.91	1.00	53.0	15.5	4.74	.79	.94	1.00	50.0	14.7	5.30	.81	.96	1.00
	2000	945	60.0	17.6	3.79	.78	.92	1.00	57.0	16.7	4.25	.80	.94	1.00	54.0	15.8	4.76	.81	.97	1.00	51.0	14.9	5.32	.84	.99	1.00
	2200	1040	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.0	16.1	4.77	.84	.99	1.00	52.0	15.2	5.34	.86	1.00	1.00
67°F (19°C)	1800	850	62.0	18.2	3.83	.61	.74	.86	59.5	17.4	4.29	.62	.75	.88	56.5	16.6	4.79	.63	.77	.90	53.0	15.5	5.36	.64	.79	.93
	2000	945	63.5	18.6	3.84	.62	.75	.89	60.5	17.7	4.30	.63	.77	.91	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.38	.66	.81	.96
	2200	1040	64.5	18.9	3.86	.63	.78	.92	61.5	18.0	4.32	.65	.79	.94	58.5	17.1	4.83	.66	.81	.96	55.0	16.1	5.39	.67	.84	.99
71°F (22°C)	1800	850	66.0	19.3	3.88	.47	.60	.71	62.5	18.3	4.34	.48	.60	.73	59.5	17.4	4.85	.48	.61	.74	56.0	16.4	5.42	.49	.63	.76
	2000	945	67.0	19.6	3.89	.48	.61	.73	64.0	18.8	4.36	.48	.62	.75	61.0	17.9	4.87	.49	.63	.77	57.5	16.9	5.44	.50	.64	.79
	2200	1040	68.0	19.9	3.91	.48	.62	.75	65.0	19.0	4.38	.49	.63	.77	62.0	18.2	4.89	.50	.64	.79	58.5	17.1	5.46	.50	.66	.81

HSXA19-060 - CH33-62D-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.78	.93	1.00	39.0	11.4	3.30	.80	.95	1.00
	1400	660	45.5	13.3	2.10	.77	.91	1.00	43.5	12.7	2.45	.79	.93	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.29	.84	.99	1.00
67°F (19°C)	1300	615	47.0	13.8	2.09	.61	.73	.85	45.5	13.3	2.43	.61	.75	.87	43.5	12.7	2.83	.62	.76	.89	41.0	12.0	3.28	.64	.78	.91
	1400	660	48.0	14.1	2.08	.62	.75	.88	46.0	13.5	2.43	.63	.76	.89	44.0	12.9	2.82	.64	.78	.92	42.0	12.3	3.27	.65	.80	.94
	1500	710	48.5	14.2	2.08	.63	.76	.89	47.0	13.8	2.43	.64	.78	.91	45.0	13.2	2.82	.65	.79	.94	42.5	12.5	3.27	.66	.81	.96
71°F (22°C)	1300	615	49.5	14.5	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.73	43.5	12.7	3.26	.48	.62	.75
	1400	660	50.5	14.8	2.08	.48	.60	.72	48.5	14.2	2.42	.48	.61	.74	46.5	13.6	2.81	.48	.62	.75	44.5	13.0	3.25	.49	.63	.77
	1500	710	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.80	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

HSXA19-060 - CH33-62D-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.0	17.3	3.79	.76	.89	1.00	56.5	16.6	4.24	.77	.91	1.00	53.5	15.7	4.75	.79	.93	1.00	50.5	14.8	5.31	.81	.96	1.00
	2000	945	60.5	17.7	3.81	.78	.92	1.00	58.0	17.0	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.97	1.00	51.5	15.1	5.33	.84	.99	1.00
	2200	1040	61.5	18.0	3.82	.80	.95	1.00	59.0	17.3	4.28	.82	.97	1.00	56.0	16.4	4.79	.84	.99	1.00	52.5	15.4	5.34	.86	1.00	1.00
67°F (19°C)	1800	850	62.5	18.3	3.83	.61	.73	.86	59.5	17.4	4.29	.62	.75	.87	57.0	16.7	4.80	.63	.77	.90	53.5	15.7	5.37	.64	.79	.93
	2000	945	64.0	18.8	3.85	.62	.76	.88	61.0	17.9	4.31	.63	.77	.90	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.66	.81	.96
	2200	1040	65.0	19.0	3.87	.64	.78	.91	62.0	18.2	4.33	.65	.79	.94	59.0	17.3	4.84	.66	.81	.96	55.5	16.3	5.41	.67	.84	.99
71°F (22°C)	1800	850	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.48	.60	.73	60.0	17.6	4.85	.48	.61	.74	56.5	16.6	5.43	.49	.63	.76
	2000	945	67.0	19.6	3.90	.48	.61	.73	64.5	18.9	4.37	.48	.62	.75	61.5	18.0	4.88	.49	.63	.77	58.0	17.0	5.45	.50	.64	.79
	2200	1040	69.0	20.2	3.92	.48	.62	.75	66.0	19.3	4.38	.49	.63	.77	62.5	18.3	4.90	.50	.64	.79	59.0	17.3	5.47	.50	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CH33-50/60C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.84	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
	1400	660	45.5	13.3	2.09	.78	.92	1.00	43.5	12.7	2.44	.79	.94	1.00	41.5	12.2	2.84	.81	.96	1.00	39.5	11.6	3.30	.83	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.84	.83	.98	1.00	40.0	11.7	3.29	.84	1.00	1.00
67°F (19°C)	1300	615	47.5	13.9	2.09	.61	.73	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.5	12.2	3.28	.64	.78	.92
	1400	660	48.5	14.2	2.08	.62	.75	.88	46.5	13.6	2.43	.63	.77	.90	44.5	13.0	2.82	.64	.78	.92	42.0	12.3	3.28	.65	.80	.95
	1500	710	49.0	14.4	2.08	.63	.77	.90	47.0	13.8	2.43	.64	.78	.92	45.0	13.2	2.82	.65	.80	.95	42.5	12.5	3.26	.66	.82	.97
71°F (22°C)	1300	615	50.0	14.7	2.08	.47	.59	.71	48.5	14.2	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1400	660	51.0	14.9	2.08	.48	.60	.73	49.0	14.4	2.42	.48	.61	.74	47.0	13.8	2.81	.49	.62	.76	44.5	13.0	3.25	.49	.63	.78
	1500	710	52.0	15.2	2.07	.48	.62	.74	50.0	14.7	2.42	.49	.62	.76	47.5	13.9	2.80	.49	.63	.77	45.0	13.2	3.25	.49	.65	.80

HSXA19-060 - CH33-50/60C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.0	17.3	3.78	.76	.90	1.00	56.5	16.6	4.24	.78	.92	1.00	53.5	15.7	4.75	.79	.94	1.00	50.5	14.8	5.30	.82	.97	1.00
	2000	945	60.5	17.7	3.80	.78	.93	1.00	57.5	16.9	4.26	.80	.95	1.00	54.5	16.0	4.76	.82	.97	1.00	51.5	15.1	5.33	.84	1.00	1.00
	2200	1040	61.5	18.0	3.82	.81	.96	1.00	58.5	17.1	4.28	.82	.98	1.00	55.5	16.3	4.78	.85	1.00	1.00	52.5	15.4	5.34	.87	1.00	1.00
67°F (19°C)	1800	850	62.5	18.3	3.84	.61	.74	.86	59.5	17.4	4.29	.62	.75	.88	57.0	16.7	4.80	.63	.77	.91	53.5	15.7	5.36	.64	.79	.94
	2000	945	64.0	18.8	3.85	.62	.76	.89	61.0	17.9	4.31	.63	.78	.91	58.0	17.0	4.82	.65	.79	.94	54.5	16.0	5.38	.66	.82	.97
	2200	1040	65.0	19.0	3.87	.64	.78	.92	62.0	18.2	4.33	.65	.80	.95	59.0	17.3	4.84	.66	.82	.97	55.5	16.3	5.40	.68	.85	1.00
71°F (22°C)	1800	850	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.48	.60	.73	60.0	17.6	4.86	.48	.61	.74	56.5	16.6	5.43	.49	.63	.76
	2000	945	68.0	19.9	3.90	.48	.61	.73	64.5	18.9	4.37	.48	.62	.75	61.5	18.0	4.88	.49	.63	.77	57.5	16.9	5.45	.50	.65	.79
	2200	1040	69.0	20.2	3.92	.49	.62	.76	66.0	19.3	4.38	.49	.63	.77	62.5	18.3	4.90	.50	.65	.80	59.0	17.3	5.47	.50	.66	.82

HSXA19-060 - CH23-68 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.0	13.2	2.10	.77	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.80	.94	1.00	39.0	11.4	3.31	.82	.97	1.00
	1400	660	45.5	13.3	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.30	.84	.99	1.00
	1500	710	46.5	13.6	2.09	.80	.95	1.00	44.5	13.0	2.44	.82	.97	1.00	42.5	12.5	2.83	.84	.99	1.00	40.5	11.9	3.29	.86	1.00	1.00
67°F (19°C)	1300	615	48.0	14.1	2.09	.61	.74	.87	46.0	13.5	2.43	.62	.76	.89	43.5	12.7	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1400	660	48.5	14.2	2.08	.62	.76	.90	46.5	13.6	2.43	.63	.78	.91	44.5	13.0	2.82	.64	.79	.93	42.0	12.3	3.27	.65	.81	.96
	1500	710	49.0	14.4	2.08	.63	.78	.92	47.5	13.9	2.43	.64	.79	.94	45.0	13.2	2.82	.65	.81	.96	43.0	12.6	3.27	.67	.83	.98
71°F (22°C)	1300	615	51.0	14.9	2.08	.47	.60	.72	49.0	14.4	2.42	.47	.60	.73	46.5	13.6	2.81	.47	.61	.75	44.5	13.0	3.25	.48	.62	.76
	1400	660	51.5	15.1	2.07	.47	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.80	.48	.63	.77	45.0	13.2	3.25	.49	.64	.79
	1500	710	52.5	15.4	2.07	.48	.62	.75	50.5	14.8	2.41	.48	.63	.77	48.0	14.1	2.80	.49	.64	.79	45.5	13.3	3.24	.50	.65	.81

HSXA19-060 - CH23-68 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.5	17.4	3.79	.77	.91	1.00	57.0	16.7	4.25	.79	.93	1.00	54.0	15.8	4.75	.81	.96	1.00	51.0	14.9	5.32	.83	.98	1.00
	2000	945	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.5	16.3	4.78	.84	.99	1.00	52.5	15.4	5.34	.86	1.00	1.00
	2200	1040	62.5	18.3	3.83	.83	.97	1.00	59.5	17.4	4.29	.84	.99	1.00	56.5	16.6	4.79	.87	1.00	1.00	54.0	15.8	5.38	.90	1.00	1.00
67°F (19°C)	1800	850	63.5	18.6	3.85	.62	.75	.88	60.5	17.7	4.30	.63	.77	.90	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.37	.65	.81	.95
	2000	945	64.5	18.9	3.86	.63	.78	.92	61.5	18.0	4.32	.64	.80	.94	58.5	17.1	4.83	.66	.82	.96	55.0	16.1	5.40	.67	.84	.98
	2200	1040	66.0	19.3	3.88	.65	.80	.95	63.0	18.5	4.34	.66	.82	.97	59.5	17.4	4.85	.68	.84	.99	56.0	16.4	5.41	.69	.87	1.00
71°F (22°C)	1800	850	67.0	19.6	3.90	.47	.60	.73	64.0	18.8	4.36	.48	.61	.74	61.0	17.9	4.87	.48	.63	.76	57.5	16.9	5.44	.49	.64	.79
	2000	945	69.0	20.2	3.92	.48	.62	.75	66.0	19.3	4.38	.48	.63	.77	62.0	18.2	4.89	.49	.64	.79	58.5	17.1	5.46	.50	.66	.82
	2200	1040	70.0	20.5	3.94	.49	.64	.78	67.0	19.6	4.40	.49	.65	.80	63.0	18.5	4.91	.50	.66	.82	59.5	17.4	5.48	.51	.68	.85

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CB30U-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.0	11.7	2.86	.78	.93	1.00	38.0	11.1	3.31	.80	.95	1.00
	1400	660	44.0	12.9	2.10	.77	.91	1.00	42.5	12.5	2.45	.78	.93	1.00	40.5	11.9	2.85	.80	.95	1.00	38.5	11.3	3.31	.82	.98	1.00
	1500	710	45.0	13.2	2.09	.78	.93	1.00	43.0	12.6	2.45	.80	.95	1.00	41.5	12.2	2.85	.82	.97	1.00	39.5	11.6	3.30	.84	.99	1.00
67°F (19°C)	1300	615	46.5	13.6	2.09	.60	.73	.86	44.5	13.0	2.44	.61	.74	.88	42.5	12.5	2.84	.61	.76	.90	40.5	11.9	3.29	.62	.78	.92
	1400	660	47.0	13.8	2.09	.61	.74	.88	45.0	13.2	2.44	.61	.76	.90	43.0	12.6	2.83	.62	.77	.92	41.0	12.0	3.28	.64	.79	.95
	1500	710	48.0	14.1	2.09	.61	.76	.90	46.0	13.5	2.43	.62	.77	.92	44.0	12.9	2.83	.63	.79	.94	41.5	12.2	3.28	.65	.81	.97
71°F (22°C)	1300	615	49.0	14.4	2.08	.45	.58	.70	47.0	13.8	2.43	.45	.59	.72	45.0	13.2	2.82	.46	.60	.73	43.0	12.6	3.27	.46	.61	.75
	1400	660	50.0	14.7	2.08	.46	.59	.72	48.0	14.1	2.42	.46	.60	.73	46.0	13.5	2.81	.46	.61	.75	43.5	12.7	3.26	.47	.62	.77
	1500	710	50.5	14.8	2.08	.46	.60	.74	48.5	14.2	2.42	.46	.61	.75	46.5	13.6	2.81	.47	.62	.77	44.0	12.9	3.26	.47	.63	.79

HSXA19-060 - CB30U-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1500	710	55.0	16.1	3.73	.73	.85	.97	52.5	15.4	4.19	.74	.87	.99	50.0	14.7	4.69	.75	.89	1.00	47.0	13.8	5.24	.77	.92	1.00
	1700	800	56.5	16.6	3.75	.75	.88	1.00	54.0	15.8	4.21	.76	.91	1.00	51.5	15.1	4.71	.78	.93	1.00	48.5	14.2	5.27	.80	.96	1.00
	1900	895	58.0	17.0	3.77	.77	.92	1.00	55.5	16.3	4.23	.79	.94	1.00	52.5	15.4	4.73	.80	.96	1.00	49.5	14.5	5.29	.83	.99	1.00
67°F (19°C)	1500	710	58.5	17.1	3.77	.58	.70	.82	56.0	16.4	4.24	.59	.71	.84	53.0	15.5	4.74	.60	.73	.86	50.0	14.7	5.30	.61	.75	.88
	1700	800	60.0	17.6	3.80	.59	.72	.85	57.5	16.9	4.26	.60	.74	.87	54.5	16.0	4.76	.61	.75	.89	51.5	15.1	5.33	.62	.78	.92
	1900	895	61.5	18.0	3.82	.61	.75	.88	59.0	17.3	4.28	.62	.76	.91	56.0	16.4	4.79	.63	.78	.93	52.5	15.4	5.34	.64	.80	.96
71°F (22°C)	1500	710	62.0	18.2	3.82	.45	.56	.68	59.0	17.3	4.28	.45	.57	.69	56.5	16.6	4.79	.45	.58	.70	53.0	15.5	5.35	.45	.59	.72
	1700	800	63.5	18.6	3.85	.45	.58	.70	61.0	17.9	4.31	.46	.59	.71	58.0	17.0	4.81	.46	.60	.73	54.5	16.0	5.39	.46	.61	.75
	1900	895	65.0	19.0	3.87	.46	.59	.72	62.0	18.2	4.33	.46	.60	.74	59.0	17.3	4.84	.47	.61	.76	55.5	16.3	5.40	.47	.63	.78

HSXA19-060 - CB30M-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.90	1.00	42.5	12.5	2.45	.77	.92	1.00	40.5	11.9	2.85	.78	.94	1.00	38.5	11.3	3.31	.80	.96	1.00
	1400	660	45.0	13.2	2.10	.77	.92	1.00	43.0	12.6	2.45	.79	.94	1.00	41.0	12.0	2.85	.80	.96	1.00	39.0	11.4	3.30	.82	.98	1.00
	1500	710	45.5	13.3	2.09	.79	.94	1.00	43.5	12.7	2.45	.80	.96	1.00	42.0	12.3	2.84	.82	.98	1.00	39.5	11.6	3.30	.84	1.00	1.00
67°F (19°C)	1300	615	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.60	.74	.88	43.0	12.6	2.83	.61	.76	.90	41.0	12.0	3.29	.62	.78	.93
	1400	660	48.0	14.1	2.09	.61	.75	.89	46.0	13.5	2.44	.61	.76	.91	44.0	12.9	2.83	.63	.78	.93	41.5	12.2	3.28	.64	.80	.95
	1500	710	48.5	14.2	2.08	.62	.76	.91	46.5	13.6	2.43	.63	.78	.93	44.5	13.0	2.82	.64	.80	.95	42.0	12.3	3.27	.65	.82	.97
71°F (22°C)	1300	615	49.5	14.5	2.08	.45	.58	.70	48.0	14.1	2.43	.45	.59	.72	45.5	13.3	2.81	.46	.60	.73	43.5	12.7	3.26	.46	.61	.75
	1400	660	50.5	14.8	2.08	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.0	12.9	3.26	.47	.62	.77
	1500	710	51.5	15.1	2.08	.46	.60	.74	49.0	14.4	2.42	.46	.61	.75	47.0	13.8	2.81	.47	.62	.77	44.5	13.0	3.25	.47	.64	.79

HSXA19-060 - CB30M-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1650	780	57.0	16.7	3.76	.74	.88	1.00	54.5	16.0	4.21	.76	.90	1.00	51.5	15.1	4.71	.77	.92	1.00	48.5	14.2	5.28	.80	.95	1.00
	1850	875	58.5	17.1	3.78	.77	.91	1.00	55.5	16.3	4.23	.78	.93	1.00	52.5	15.4	4.73	.80	.96	1.00	49.5	14.5	5.30	.82	.98	1.00
	2050	970	59.5	17.4	3.79	.79	.94	1.00	57.0	16.7	4.25	.81	.97	1.00	54.0	15.8	4.75	.83	.99	1.00	51.0	14.9	5.32	.85	1.00	1.00
67°F (19°C)	1650	780	60.5	17.7	3.80	.59	.72	.84	57.5	16.9	4.26	.60	.73	.87	55.0	16.1	4.77	.61	.75	.89	51.5	15.1	5.33	.62	.77	.92
	1850	875	62.0	18.2	3.82	.60	.74	.88	59.0	17.3	4.28	.61	.76	.90	56.0	16.4	4.79	.62	.78	.93	52.5	15.4	5.35	.64	.80	.96
	2050	970	63.0	18.5	3.84	.62	.77	.91	60.5	17.7	4.30	.63	.78	.94	57.0	16.7	4.81	.64	.80	.96	53.5	15.7	5.37	.66	.83	.98
71°F (22°C)	1650	780	64.0	18.8	3.85	.45	.58	.69	61.0	17.9	4.31	.45	.58	.71	58.0	17.0	4.81	.46	.59	.72	54.5	16.0	5.39	.46	.61	.75
	1850	875	65.0	19.0	3.87	.46	.59	.72	62.5	18.3	4.33	.46	.60	.73	59.5	17.4	4.84	.46	.61	.75	56.0	16.4	5.41	.47	.63	.78
	2050	970	67.0	19.6	3.89	.46	.61	.74	63.5	18.6	4.35	.46	.62	.76	60.5	17.7	4.86	.47	.63	.78	57.0	16.7	5.43	.48	.64	.80

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1205	570	43.5	12.7	2.10	.74	.88	.99	42.0	12.3	2.46	.75	.89	1.00	40.0	11.7	2.86	.77	.91	1.00	37.8	11.1	3.32	.78	.94	1.00
	1400	660	45.0	13.2	2.10	.77	.92	1.00	43.0	12.6	2.45	.79	.94	1.00	41.0	12.0	2.85	.80	.96	1.00	39.0	11.4	3.30	.82	.98	1.00
	1625	765	46.5	13.6	2.09	.81	.97	1.00	44.5	13.0	2.44	.82	.98	1.00	42.5	12.5	2.83	.84	1.00	1.00	40.5	11.9	3.29	.87	1.00	1.00
67°F (19°C)	1205	570	46.0	13.5	2.09	.59	.71	.84	44.5	13.0	2.44	.60	.73	.86	42.5	12.5	2.84	.60	.74	.88	40.5	11.9	3.29	.61	.76	.90
	1400	660	48.0	14.1	2.09	.61	.75	.89	46.0	13.5	2.44	.61	.76	.91	44.0	12.9	2.83	.63	.78	.93	41.5	12.2	3.28	.64	.80	.95
	1625	765	49.0	14.4	2.08	.63	.78	.94	47.0	13.8	2.43	.64	.80	.96	45.0	13.2	2.82	.65	.82	.98	42.5	12.5	3.27	.66	.84	1.00
71°F (22°C)	1205	570	49.0	14.4	2.08	.45	.57	.69	47.0	13.8	2.43	.45	.58	.70	45.0	13.2	2.82	.45	.59	.72	42.5	12.5	3.27	.46	.60	.73
	1400	660	50.5	14.8	2.08	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.0	12.9	3.26	.47	.62	.77
	1625	765	52.0	15.2	2.08	.46	.62	.76	50.0	14.7	2.42	.47	.63	.78	47.5	13.9	2.80	.47	.64	.79	45.5	13.3	3.25	.48	.65	.82

HSXA19-060 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1820	860	58.0	17.0	3.77	.76	.91	1.00	55.5	16.3	4.23	.78	.93	1.00	52.5	15.4	4.73	.80	.96	1.00	49.5	14.5	5.29	.82	.98	1.00
	2000	945	59.5	17.4	3.79	.78	.94	1.00	56.5	16.6	4.24	.80	.96	1.00	53.5	15.7	4.75	.82	.98	1.00	50.5	14.8	5.31	.85	1.00	1.00
	2145	1010	60.0	17.6	3.80	.80	.96	1.00	57.5	16.9	4.25	.82	.98	1.00	54.5	16.0	4.76	.84	.99	1.00	51.5	15.1	5.33	.87	1.00	1.00
67°F (19°C)	1820	860	61.5	18.0	3.82	.60	.74	.87	59.0	17.3	4.28	.61	.75	.90	56.0	16.4	4.79	.62	.77	.92	52.5	15.4	5.35	.64	.80	.95
	2000	945	63.0	18.5	3.84	.61	.76	.90	60.0	17.6	4.30	.62	.78	.93	57.0	16.7	4.80	.64	.80	.95	53.5	15.7	5.37	.65	.82	.98
	2145	1010	64.0	18.8	3.85	.62	.78	.93	61.0	17.9	4.31	.64	.79	.95	57.5	16.9	4.81	.65	.82	.97	54.0	15.8	5.38	.66	.84	.99
71°F (22°C)	1820	860	65.0	19.0	3.87	.45	.59	.72	62.0	18.2	4.33	.46	.60	.73	59.0	17.3	4.84	.46	.61	.75	55.5	16.3	5.40	.47	.62	.77
	2000	945	66.0	19.3	3.88	.46	.60	.74	63.5	18.6	4.35	.46	.61	.75	60.0	17.6	4.86	.47	.62	.77	56.5	16.6	5.42	.48	.64	.80
	2145	1010	67.0	19.6	3.90	.46	.61	.75	64.0	18.8	4.36	.47	.62	.77	61.0	17.9	4.87	.47	.64	.79	57.0	16.7	5.44	.48	.65	.82

HSXA19-060 - CB31MV-65 - CBX32MV-060 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1205	570	43.5	12.7	2.10	.74	.87	.99	42.0	12.3	2.45	.75	.89	1.00	40.0	11.7	2.85	.77	.91	1.00	38.0	11.1	3.31	.78	.93	1.00
	1400	660	45.5	13.3	2.09	.77	.91	1.00	43.5	12.7	2.45	.78	.93	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1625	765	46.5	13.6	2.09	.80	.96	1.00	45.0	13.2	2.44	.82	.98	1.00	43.0	12.6	2.83	.84	.99	1.00	41.0	12.0	3.29	.86	1.00	1.00
67°F (19°C)	1205	570	46.0	13.5	2.09	.59	.71	.84	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.84	.60	.74	.87	40.5	11.9	3.29	.61	.76	.89
	1400	660	48.0	14.1	2.08	.61	.75	.88	46.0	13.5	2.43	.61	.76	.90	44.0	12.9	2.82	.62	.78	.92	41.5	12.2	3.27	.63	.79	.94
	1625	765	49.5	14.5	2.08	.63	.78	.93	47.5	13.9	2.43	.64	.80	.95	45.0	13.2	2.82	.65	.81	.97	43.0	12.6	3.27	.66	.84	.99
71°F (22°C)	1205	570	49.0	14.4	2.08	.45	.57	.69	47.0	13.8	2.43	.45	.58	.70	45.0	13.2	2.82	.46	.59	.71	43.0	12.6	3.26	.46	.60	.73
	1400	660	50.5	14.8	2.07	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.5	13.0	3.26	.47	.62	.77
	1625	765	52.0	15.2	2.07	.47	.61	.76	50.0	14.7	2.42	.47	.62	.77	48.0	14.1	2.80	.48	.64	.79	45.5	13.3	3.24	.48	.65	.81

HSXA19-060 - CB31MV-65 - CBX32MV-060 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1820	860	59.0	17.3	3.78	.76	.90	1.00	56.5	16.6	4.24	.77	.92	1.00	53.5	15.7	4.74	.79	.94	1.00	50.5	14.8	5.31	.81	.97	1.00
	2000	945	60.0	17.6	3.80	.78	.93	1.00	57.5	16.9	4.25	.79	.95	1.00	54.5	16.0	4.77	.81	.97	1.00	51.5	15.1	5.33	.84	.99	1.00
	2145	1010	61.0	17.9	3.81	.79	.95	1.00	58.0	17.0	4.27	.81	.97	1.00	55.5	16.3	4.77	.83	.99	1.00	52.0	15.2	5.33	.86	1.00	1.00
67°F (19°C)	1820	860	62.0	18.2	3.83	.60	.73	.87	59.5	17.4	4.29	.61	.75	.89	56.5	16.6	4.80	.62	.77	.91	53.5	15.7	5.36	.63	.79	.94
	2000	945	63.5	18.6	3.85	.61	.75	.89	60.5	17.7	4.31	.62	.77	.91	57.5	16.9	4.81	.63	.79	.94	54.0	15.8	5.38	.65	.82	.97
	2145	1010	64.5	18.9	3.86	.62	.77	.91	61.5	18.0	4.32	.63	.79	.94	58.0	17.0	4.82	.64	.81	.96	55.0	16.1	5.39	.66	.83	.98
71°F (22°C)	1820	860	66.0	19.3	3.88	.46	.59	.71	63.0	18.5	4.34	.46	.60	.73	60.0	17.6	4.85	.46	.61	.74	56.5	16.6	5.42	.47	.62	.76
	2000	945	67.0	19.6	3.90	.46	.60	.73	64.0	18.8	4.36	.46	.61	.75	61.0	17.9	4.87	.47	.62	.77	57.5	16.9	5.44	.48	.64	.79
	2145	1010	68.0	19.9	3.91	.47	.61	.75	65.0	19.0	4.37	.47	.62	.77	61.5	18.0	4.88	.47	.63	.79	58.0	17.0	5.45	.48	.65	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CB30M-65 - CBX32M-060 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	45.5	13.3	2.09	.77	.91	1.00	43.5	12.7	2.45	.78	.93	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.98	1.00	40.0	11.7	3.29	.84	.99	1.00
	1600	755	46.5	13.6	2.09	.80	.95	1.00	44.5	13.0	2.44	.82	.97	1.00	42.5	12.5	2.83	.83	.99	1.00	40.5	11.9	3.29	.86	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.08	.61	.75	.88	46.0	13.5	2.43	.61	.76	.90	44.0	12.9	2.82	.62	.78	.92	41.5	12.2	3.27	.63	.79	.94
	1500	710	48.5	14.2	2.08	.62	.76	.90	46.5	13.6	2.43	.62	.78	.92	44.5	13.0	2.82	.63	.79	.94	42.5	12.5	3.27	.65	.81	.97
	1600	755	49.0	14.4	2.08	.62	.78	.92	47.0	13.8	2.43	.64	.79	.94	45.0	13.2	2.82	.65	.81	.96	43.0	12.6	3.27	.66	.83	.98
71°F (22°C)	1400	660	50.5	14.8	2.07	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.5	13.0	3.26	.47	.62	.77
	1500	710	51.5	15.1	2.07	.46	.60	.74	49.5	14.5	2.42	.47	.61	.75	47.0	13.8	2.80	.47	.62	.77	45.0	13.2	3.25	.47	.63	.79
	1600	755	52.0	15.2	2.07	.47	.61	.75	50.0	14.7	2.42	.47	.62	.77	48.0	14.1	2.80	.48	.63	.79	45.5	13.3	3.24	.48	.65	.81

HSXA19-060 - CB30M-65 - CBX32M-060 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.0	17.3	3.78	.76	.90	1.00	56.0	16.4	4.24	.77	.92	1.00	53.5	15.7	4.74	.79	.94	1.00	50.0	14.7	5.31	.81	.97	1.00
	2000	945	60.0	17.6	3.80	.78	.93	1.00	57.5	16.9	4.25	.79	.95	1.00	54.5	16.0	4.77	.81	.97	1.00	51.5	15.1	5.33	.84	.99	1.00
	2200	1040	61.5	18.0	3.81	.80	.95	1.00	58.5	17.1	4.28	.82	.97	1.00	55.5	16.3	4.78	.84	.99	1.00	52.5	15.4	5.34	.86	1.00	1.00
67°F (19°C)	1800	850	62.0	18.2	3.83	.60	.73	.86	59.5	17.4	4.29	.61	.75	.88	56.5	16.6	4.79	.62	.76	.91	53.0	15.5	5.36	.63	.79	.94
	2000	945	63.5	18.6	3.85	.61	.75	.89	60.5	17.7	4.31	.62	.77	.91	57.5	16.9	4.81	.63	.79	.94	54.0	15.8	5.38	.65	.82	.97
	2200	1040	64.5	18.9	3.86	.63	.78	.92	61.5	18.0	4.32	.64	.79	.95	58.5	17.1	4.83	.65	.82	.97	55.0	16.1	5.40	.66	.84	.99
71°F (22°C)	1800	850	66.0	19.3	3.87	.46	.58	.71	62.5	18.3	4.34	.46	.59	.72	59.5	17.4	4.85	.46	.60	.74	56.0	16.4	5.41	.47	.62	.76
	2000	945	67.0	19.6	3.90	.46	.60	.73	64.0	18.8	4.36	.46	.61	.75	61.0	17.9	4.87	.47	.62	.77	57.5	16.9	5.44	.48	.64	.79
	2200	1040	68.0	19.9	3.91	.47	.61	.75	65.0	19.0	4.37	.47	.62	.77	62.0	18.2	4.89	.48	.64	.79	58.5	17.1	5.46	.48	.65	.82

HSXA19-060 - CB30U-65 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.78	.93	1.00	39.0	11.4	3.31	.80	.96	1.00
	1400	660	45.5	13.3	2.09	.77	.92	1.00	43.5	12.7	2.45	.79	.94	1.00	41.5	12.2	2.84	.80	.96	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.94	1.00	44.0	12.9	2.44	.80	.96	1.00	42.5	12.5	2.84	.82	.98	1.00	40.0	11.7	3.29	.84	.99	1.00
67°F (19°C)	1300	615	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.74	.88	43.5	12.7	2.83	.61	.76	.90	41.5	12.2	3.28	.63	.78	.92
	1400	660	48.0	14.1	2.09	.61	.75	.88	46.0	13.5	2.43	.62	.76	.90	44.0	12.9	2.83	.62	.78	.92	42.0	12.3	3.28	.64	.80	.95
	1500	710	49.0	14.4	2.08	.61	.76	.90	47.0	13.8	2.43	.63	.78	.92	44.5	13.0	2.82	.64	.79	.95	42.5	12.5	3.27	.65	.81	.97
71°F (22°C)	1300	615	50.0	14.7	2.08	.45	.58	.70	48.0	14.1	2.43	.46	.59	.72	46.0	13.5	2.81	.46	.60	.73	44.0	12.9	3.26	.47	.61	.75
	1400	660	51.0	14.9	2.08	.46	.59	.72	49.0	14.4	2.42	.46	.60	.74	47.0	13.8	2.81	.47	.61	.75	44.5	13.0	3.26	.47	.62	.77
	1500	710	51.5	15.1	2.08	.47	.60	.74	49.5	14.5	2.42	.47	.61	.75	47.5	13.9	2.80	.47	.62	.77	45.0	13.2	3.25	.47	.63	.79

HSXA19-060 - CB30U-65 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1700	800	58.0	17.0	3.77	.75	.88	.99	55.5	16.3	4.23	.76	.90	1.00	53.0	15.5	4.73	.78	.92	1.00	49.5	14.5	5.30	.80	.95	1.00
	1900	895	59.5	17.4	3.79	.77	.91	1.00	57.0	16.7	4.25	.78	.93	1.00	54.0	15.8	4.75	.80	.96	1.00	51.0	14.9	5.32	.82	.98	1.00
	2100	990	61.0	17.9	3.81	.79	.94	1.00	58.0	17.0	4.27	.81	.96	1.00	55.0	16.1	4.77	.83	.98	1.00	52.0	15.2	5.34	.85	1.00	1.00
67°F (19°C)	1700	800	62.0	18.2	3.82	.59	.72	.85	59.0	17.3	4.28	.60	.73	.87	56.0	16.4	4.79	.61	.75	.89	53.0	15.5	5.36	.62	.77	.92
	1900	895	63.0	18.5	3.84	.60	.74	.88	60.5	17.7	4.30	.61	.76	.90	57.5	16.9	4.81	.63	.78	.93	54.0	15.8	5.37	.64	.80	.95
	2100	990	64.5	18.9	3.86	.62	.77	.91	61.5	18.0	4.32	.63	.79	.93	58.0	17.0	4.83	.64	.80	.96	55.0	16.1	5.39	.66	.83	.98
71°F (22°C)	1700	800	65.0	19.0	3.87	.45	.58	.70	62.0	18.2	4.33	.46	.58	.71	59.0	17.3	4.84	.46	.60	.73	56.0	16.4	5.41	.47	.61	.75
	1900	895	67.0	19.6	3.89	.46	.59	.72	63.5	18.6	4.35	.46	.60	.74	60.5	17.7	4.86	.47	.61	.75	57.0	16.7	5.43	.47	.63	.78
	2100	990	68.0	19.9	3.91	.46	.61	.74	65.0	19.0	4.37	.47	.62	.76	61.5	18.0	4.88	.47	.63	.78	58.0	17.0	5.45	.48	.64	.80

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1210	570	42.5	12.5	2.11	.74	.86	.98	41.0	12.0	2.46	.75	.88	.99	39.0	11.4	2.87	.76	.90	1.00	37.2	10.9	3.32	.78	.92	1.00
	1355	640	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.0	11.7	2.85	.78	.93	1.00	38.0	11.1	3.32	.80	.95	1.00
	1525	720	45.0	13.2	2.09	.78	.92	1.00	43.0	12.6	2.45	.80	.94	1.00	41.5	12.2	2.85	.81	.96	1.00	39.0	11.4	3.30	.83	.99	1.00
67°F (19°C)	1210	570	45.5	13.3	2.09	.59	.71	.83	43.5	12.7	2.45	.60	.72	.84	41.5	12.2	2.85	.60	.73	.86	39.5	11.6	3.30	.62	.75	.88
	1355	640	46.5	13.6	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.87	42.5	12.5	2.83	.62	.76	.89	40.5	11.9	3.29	.63	.77	.91
	1525	720	47.5	13.9	2.09	.62	.76	.89	45.5	13.3	2.44	.63	.77	.91	43.5	12.7	2.83	.64	.79	.93	41.5	12.2	3.28	.65	.81	.95
71°F (22°C)	1210	570	48.0	14.1	2.09	.46	.58	.68	46.0	13.5	2.43	.47	.58	.70	44.0	12.9	2.82	.47	.59	.71	42.0	12.3	3.27	.47	.60	.72
	1355	640	49.0	14.4	2.08	.47	.58	.71	47.0	13.8	2.42	.47	.59	.72	45.0	13.2	2.82	.47	.60	.73	43.0	12.6	3.27	.48	.61	.75
	1525	720	50.5	14.8	2.08	.47	.60	.73	48.5	14.2	2.42	.48	.61	.75	46.5	13.6	2.81	.49	.62	.76	44.0	12.9	3.26	.49	.64	.78

HSXA19-060 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1765	835	57.0	16.7	3.75	.75	.88	.99	54.5	16.0	4.21	.76	.89	1.00	51.5	15.1	4.71	.78	.92	1.00	48.5	14.2	5.28	.80	.94	1.00
	1970	930	58.0	17.0	3.77	.77	.90	1.00	55.5	16.3	4.23	.78	.92	1.00	53.0	15.5	4.73	.80	.95	1.00	49.5	14.5	5.30	.82	.98	1.00
	2165	1020	59.5	17.4	3.79	.79	.93	1.00	57.0	16.7	4.25	.81	.96	1.00	54.0	15.8	4.75	.83	.98	1.00	51.0	14.9	5.32	.85	1.00	1.00
67°F (19°C)	1765	835	60.5	17.7	3.80	.60	.72	.84	57.5	16.9	4.26	.61	.74	.86	55.0	16.1	4.77	.62	.75	.88	51.5	15.1	5.33	.63	.77	.91
	1970	930	61.5	18.0	3.82	.61	.74	.87	59.0	17.3	4.28	.62	.76	.89	56.0	16.4	4.78	.63	.77	.91	52.5	15.4	5.35	.65	.79	.94
	2165	1020	63.0	18.5	3.84	.63	.77	.90	60.0	17.6	4.30	.64	.78	.92	57.0	16.7	4.80	.65	.80	.95	53.5	15.7	5.37	.67	.83	.98
71°F (22°C)	1765	835	63.5	18.6	3.85	.47	.59	.70	61.0	17.9	4.31	.47	.60	.71	58.0	17.0	4.82	.48	.60	.73	54.5	16.0	5.39	.48	.62	.75
	1970	930	65.0	19.0	3.87	.48	.60	.72	62.5	18.3	4.33	.48	.61	.73	59.0	17.3	4.84	.48	.62	.75	56.0	16.4	5.41	.49	.63	.77
	2165	1020	66.0	19.3	3.89	.49	.62	.74	63.5	18.6	4.35	.49	.63	.76	60.5	17.7	4.86	.50	.64	.78	57.0	16.7	5.43	.50	.65	.80

HSXA19-060 - C33-50/60C with G61MPV-60C - CX34-50/60C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1210	570	43.0	12.6	2.10	.74	.87	.98	41.5	12.2	2.46	.75	.88	1.00	39.5	11.6	2.86	.77	.90	1.00	37.6	11.0	3.32	.78	.92	1.00
	1355	640	44.5	13.0	2.10	.75	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.96	1.00
	1525	720	45.5	13.3	2.09	.79	.93	1.00	43.5	12.7	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	39.5	11.6	3.30	.83	.99	1.00
67°F (19°C)	1210	570	46.0	13.5	2.09	.59	.72	.83	44.0	12.9	2.44	.60	.73	.85	42.0	12.3	2.84	.61	.73	.86	40.0	11.7	3.29	.62	.76	.89
	1355	640	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.61	.75	.88	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1525	720	48.0	14.1	2.09	.62	.76	.90	46.5	13.6	2.43	.63	.78	.92	44.0	12.9	2.82	.64	.79	.94	42.0	12.3	3.27	.65	.80	.96
71°F (22°C)	1210	570	48.5	14.2	2.08	.46	.58	.69	46.5	13.6	2.43	.46	.58	.70	44.5	13.0	2.82	.47	.59	.71	42.5	12.5	3.27	.47	.60	.73
	1355	640	49.5	14.5	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.59	.72	46.0	13.5	2.81	.47	.61	.74	43.5	12.7	3.26	.48	.62	.75
	1525	720	51.0	14.9	2.08	.47	.60	.74	49.0	14.4	2.42	.48	.62	.75	47.0	13.8	2.81	.49	.63	.77	44.5	13.0	3.25	.49	.64	.79

HSXA19-060 - C33-50/60C with G61MPV-60C - CX34-450/60C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1765	835	57.5	16.9	3.76	.75	.88	1.00	55.0	16.1	4.22	.77	.90	1.00	52.5	15.4	4.72	.78	.92	1.00	49.5	14.5	5.29	.80	.95	1.00
	1970	930	59.0	17.3	3.79	.77	.91	1.00	56.5	16.6	4.24	.79	.93	1.00	53.5	15.7	4.74	.81	.96	1.00	50.5	14.8	5.31	.83	.98	1.00
	2165	1020	60.5	17.7	3.80	.80	.94	1.00	57.5	16.9	4.26	.81	.96	1.00	54.5	16.0	4.77	.84	.99	1.00	51.5	15.1	5.33	.86	1.00	1.00
67°F (19°C)	1765	835	61.5	18.0	3.82	.61	.73	.85	58.5	17.1	4.27	.61	.74	.87	55.5	16.3	4.78	.62	.76	.89	52.5	15.4	5.34	.63	.78	.92
	1970	930	62.5	18.3	3.83	.62	.75	.88	59.5	17.4	4.29	.62	.76	.90	56.5	16.6	4.80	.64	.78	.92	53.5	15.7	5.37	.65	.80	.95
	2165	1020	64.0	18.8	3.85	.63	.77	.91	61.0	17.9	4.31	.65	.79	.93	58.0	17.0	4.82	.66	.81	.96	54.5	16.0	5.38	.67	.84	.99
71°F (22°C)	1765	835	64.5	18.9	3.86	.47	.59	.70	62.0	18.2	4.32	.47	.60	.72	58.5	17.1	4.83	.48	.61	.73	55.5	16.3	5.40	.48	.62	.75
	1970	930	66.0	19.3	3.88	.48	.60	.73	63.0	18.5	4.35	.48	.61	.74	60.0	17.6	4.85	.48	.62	.76	56.5	16.6	5.42	.49	.64	.78
	2165	1020	67.0	19.6	3.90	.49	.62	.75	64.5	18.9	4.36	.49	.63	.77	61.0	17.9	4.88	.50	.64	.79	57.5	16.9	5.45	.51	.66	.81

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135- FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.5	12.7	2.10	.75	.87	.99	42.0	12.3	2.46	.76	.89	1.00	40.0	11.7	2.86	.77	.91	1.00	38.0	11.1	3.31	.79	.93	1.00
	1345	635	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.77	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.30	.81	.97	1.00
	1515	715	46.0	13.5	2.09	.80	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.84	.83	.99	1.00	40.0	11.7	3.29	.85	1.00	1.00
67°F (19°C)	1200	565	46.0	13.5	2.09	.60	.72	.84	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.84	.61	.75	.87	40.5	11.9	3.29	.62	.76	.90
	1345	635	47.5	13.9	2.09	.61	.74	.87	45.5	13.3	2.43	.62	.75	.89	43.5	12.7	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1515	715	49.0	14.4	2.08	.63	.77	.91	47.0	13.8	2.43	.64	.79	.93	45.0	13.2	2.82	.65	.81	.95	42.5	12.5	3.27	.66	.82	.98
71°F (22°C)	1200	565	49.0	14.4	2.08	.46	.58	.69	47.5	13.9	2.42	.46	.59	.71	45.5	13.3	2.82	.47	.60	.72	43.0	12.6	3.26	.47	.61	.73
	1345	635	50.5	14.8	2.08	.46	.59	.71	48.5	14.2	2.42	.47	.60	.73	46.5	13.6	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1515	715	52.0	15.2	2.07	.48	.62		50.0	14.7	2.42	.48	.63	.76	47.5	13.9	2.80	.49	.64	.78	45.0	13.2	3.25	.49	.65	.80

HSXA19-060 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	59.0	17.3	3.78	.76	.90	1.00	56.5	16.6	4.24	.78	.92	1.00	53.5	15.7	4.75	.80	.94	1.00	50.5	14.8	5.31	.82	.97	1.00
	1990	940	60.5	17.7	3.80	.79	.93	1.00	57.5	16.9	4.26	.80	.95	1.00	54.5	16.0	4.77	.82	.98	1.00	51.5	15.1	5.33	.85	1.00	1.00
	2185	1030	61.5	18.0	3.82	.81	.96	1.00	59.0	17.3	4.28	.83	.99	1.00	56.0	16.4	4.79	.85	1.00	1.00	53.0	15.5	5.35	.88	1.00	1.00
67°F (19°C)	1785	845	62.5	18.3	3.83	.61	.74	.87	59.5	17.4	4.29	.62	.75	.89	56.5	16.6	4.80	.63	.77	.91	53.5	15.7	5.36	.64	.79	.94
	1990	940	64.0	18.8	3.85	.62	.76	.90	61.0	17.9	4.31	.64	.78	.92	58.0	17.0	4.82	.65	.80	.95	54.5	16.0	5.38	.66	.82	.98
	2185	1030	65.0	19.0	3.87	.65	.79	.93	62.0	18.2	4.33	.66	.81	.96	59.0	17.3	4.84	.67	.83	.98	55.5	16.3	5.40	.69	.86	1.00
71°F (22°C)	1785	845	66.0	19.3	3.88	.47	.59	.72	63.0	18.5	4.34	.48	.60	.73	60.0	17.6	4.85	.48	.62	.75	56.5	16.6	5.42	.49	.63	.77
	1990	940	68.0	19.9	3.90	.48	.61	.74	64.5	18.9	4.37	.48	.62	.76	61.5	18.0	4.88	.49	.63	.78	58.0	17.0	5.45	.50	.65	.80
	2185	1030	69.0	20.2	3.92	.49	.63	.77	66.0	19.3	4.38	.50	.64	.79	62.5	18.3	4.90	.50	.66	.81	59.0	17.3	5.47	.51	.67	.83

HSXA19-060 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135- FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	44.0	12.9	2.10	.74	.87	.99	42.0	12.3	2.45	.76	.89	1.00	40.5	11.9	2.86	.77	.91	1.00	38.5	11.3	3.31	.79	.93	1.00
	1345	635	45.0	13.2	2.10	.76	.90	1.00	43.5	12.7	2.45	.78	.92	1.00	41.5	12.2	2.84	.79	.94	1.00	39.5	11.6	3.30	.81	.97	1.00
	1515	715	46.5	13.6	2.09	.80	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.83	.83	.98	1.00	40.5	11.9	3.29	.85	1.00	1.00
67°F (19°C)	1200	565	46.5	13.6	2.09	.60	.72	.84	44.5	13.0	2.44	.60	.73	.85	43.0	12.6	2.83	.61	.74	.87	41.0	12.0	3.29	.62	.76	.90
	1345	635	48.0	14.1	2.09	.60	.74	.86	46.0	13.5	2.43	.61	.75	.89	44.0	12.9	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1515	715	49.0	14.4	2.08	.63	.77	.91	47.0	13.8	2.43	.64	.79	.93	45.0	13.2	2.82	.65	.80	.95	43.0	12.6	3.26	.66	.82	.98
71°F (22°C)	1200	565	49.5	14.5	2.08	.46	.58	.70	47.5	13.9	2.43	.46	.59	.71	45.5	13.3	2.81	.47	.59	.72	43.0	12.6	3.26	.47	.61	.74
	1345	635	50.5	14.8	2.08	.47	.59	.72	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1515	715	52.0	15.2	2.07	.48	.61	.74	50.0	14.7	2.42	.48	.62	.76	47.5	13.9	2.80	.49	.64	.78	45.5	13.3	3.25	.49	.65	.80

HSXA19-060 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	59.5	17.4	3.79	.76	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.0	15.8	4.76	.80	.94	1.00	51.0	14.9	5.32	.82	.97	1.00
	1990	940	61.0	17.9	3.81	.79	.93	1.00	58.5	17.1	4.27	.80	.95	1.00	55.5	16.3	4.78	.82	.98	1.00	52.0	15.2	5.34	.85	1.00	1.00
	2185	1030	62.5	18.3	3.83	.81	.96	1.00	59.5	17.4	4.29	.83	.99	1.00	56.5	16.6	4.80	.85	1.00	1.00	53.5	15.7	5.37	.88	1.00	1.00
67°F (19°C)	1785	845	62.5	18.3	3.84	.61	.74	.86	60.0	17.6	4.30	.62	.75	.88	57.0	16.7	4.81	.63	.77	.91	54.0	15.8	5.38	.64	.79	.94
	1990	940	64.5	18.9	3.86	.63	.76	.89	61.5	18.0	4.32	.64	.78	.92	58.5	17.1	4.83	.65	.80	.94	55.0	16.1	5.40	.66	.82	.98
	2185	1030	66.0	19.3	3.88	.65	.79	.93	63.0	18.5	4.34	.66	.81	.95	60.0	17.6	4.85	.67	.83	.98	56.0	16.4	5.42	.69	.86	1.00
71°F (22°C)	1785	845	67.0	19.6	3.89	.47	.59	.72	63.5	18.6	4.35	.48	.60	.73	60.5	17.7	4.87	.48	.62	.75	57.0	16.7	5.43	.49	.63	.77
	1990	940	68.0	19.9	3.91	.48	.61	.74	65.0	19.0	4.38	.48	.62	.76	62.0	18.2	4.89	.49	.64	.77	58.5	17.1	5.46	.50	.65	.80
	2185	1030	70.0	20.5	3.94	.49	.63	.77	67.0	19.6	4.40	.50	.64	.78	63.0	18.5	4.91	.50	.66	.81	59.5	17.4	5.47	.51	.67	.83

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	41.5	12.2	2.11	.72	.83	.95	40.0	11.7	2.47	.73	.85	.96	38.0	11.1	2.87	.74	.87	.98	36.2	10.6	3.34	.75	.88	1.00
	1340	630	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.76	.90	1.00	40.0	11.7	2.85	.78	.92	1.00	38.0	11.1	3.32	.80	.95	1.00
	1350	635	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.0	11.7	2.85	.78	.93	1.00	38.0	11.1	3.32	.80	.95	1.00
67°F (19°C)	1080	510	44.0	12.9	2.10	.58	.69	.80	42.5	12.5	2.45	.59	.70	.81	40.5	11.9	2.85	.59	.71	.83	38.5	11.3	3.31	.60	.73	.85
	1340	630	46.5	13.6	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.87	42.5	12.5	2.84	.62	.76	.89	40.5	11.9	3.29	.63	.77	.91
	1350	635	46.5	13.6	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.87	42.5	12.5	2.83	.62	.76	.89	40.5	11.9	3.29	.63	.78	.92
71°F (22°C)	1080	510	46.5	13.6	2.09	.46	.56	.67	45.0	13.2	2.44	.46	.57	.67	43.0	12.6	2.83	.46	.57	.69	41.0	12.0	3.28	.46	.58	.70
	1340	630	49.0	14.4	2.08	.47	.58	.71	47.0	13.8	2.43	.47	.59	.72	45.0	13.2	2.82	.47	.60	.72	43.0	12.6	3.27	.48	.61	.75
	1350	635	49.0	14.4	2.08	.47	.59	.71	47.0	13.8	2.43	.47	.60	.72	45.0	13.2	2.82	.47	.60	.73	43.0	12.6	3.27	.48	.62	.75

HSXA19-060 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	57.0	16.7	3.75	.75	.88	.99	54.5	16.0	4.21	.77	.90	1.00	52.0	15.2	4.72	.78	.92	1.00	49.0	14.4	5.28	.80	.95	1.00
	1920	905	58.0	17.0	3.77	.76	.90	1.00	55.5	16.3	4.23	.77	.91	1.00	52.5	15.4	4.73	.79	.94	1.00	49.5	14.5	5.29	.81	.97	1.00
	1930	910	58.0	17.0	3.77	.76	.90	1.00	55.5	16.3	4.23	.78	.92	1.00	52.5	15.4	4.73	.79	.94	1.00	49.5	14.5	5.29	.81	.97	1.00
67°F (19°C)	1805	850	60.5	17.7	3.81	.60	.73	.85	58.0	17.0	4.26	.61	.74	.87	55.0	16.1	4.77	.62	.75	.89	52.0	15.2	5.34	.63	.77	.91
	1920	905	61.5	18.0	3.82	.61	.74	.86	58.5	17.1	4.27	.62	.75	.88	55.5	16.3	4.78	.63	.77	.90	52.5	15.4	5.35	.64	.79	.93
	1930	910	61.5	18.0	3.82	.61	.74	.86	58.5	17.1	4.27	.62	.75	.88	55.5	16.3	4.78	.63	.77	.91	52.5	15.4	5.35	.64	.79	.94
71°F (22°C)	1805	850	64.0	18.8	3.85	.47	.59	.70	61.0	17.9	4.32	.47	.59	.72	58.0	17.0	4.82	.48	.60	.73	55.0	16.1	5.39	.48	.62	.75
	1920	905	65.0	19.0	3.86	.47	.59	.71	62.0	18.2	4.32	.48	.60	.73	59.0	17.3	4.84	.48	.61	.74	55.5	16.3	5.40	.49	.63	.76
	1930	910	65.0	19.0	3.87	.47	.60	.72	62.0	18.2	4.33	.48	.60	.73	59.0	17.3	4.84	.48	.62	.74	55.5	16.3	5.40	.49	.63	.77

HSXA19-060 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.85	.97	38.5	11.3	2.87	.74	.87	.99	36.6	10.7	3.33	.76	.89	1.00
	1340	630	44.0	12.9	2.10	.75	.89	1.00	42.5	12.5	2.46	.77	.91	1.00	40.5	11.9	2.85	.78	.93	1.00	38.5	11.3	3.31	.80	.95	1.00
	1350	635	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.81	.96	1.00
67°F (19°C)	1080	510	44.5	13.0	2.10	.58	.70	.80	43.0	12.6	2.45	.59	.71	.82	41.0	12.0	2.85	.59	.72	.83	39.0	11.4	3.31	.60	.73	.85
	1340	630	47.0	13.8	2.09	.60	.74	.86	45.0	13.2	2.44	.61	.75	.87	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.29	.63	.78	.92
	1350	635	47.0	13.8	2.09	.61	.73	.86	45.0	13.2	2.44	.61	.75	.88	43.0	12.6	2.83	.63	.76	.90	41.0	12.0	3.28	.63	.78	.92
71°F (22°C)	1080	510	47.0	13.8	2.09	.46	.56	.67	45.5	13.3	2.44	.46	.57	.68	43.5	12.7	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.71
	1340	630	49.5	14.5	2.08	.46	.59	.71	47.5	13.9	2.42	.47	.59	.72	45.5	13.3	2.82	.47	.60	.73	43.5	12.7	3.26	.48	.62	.75
	1350	635	49.5	14.5	2.08	.47	.59	.71	47.5	13.9	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	43.5	12.7	3.26	.48	.62	.76

HSXA19-060 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	52.5	15.4	4.73	.78	.93	1.00	49.5	14.5	5.29	.81	.96	1.00
	1920	905	58.5	17.1	3.78	.77	.90	1.00	56.0	16.4	4.24	.78	.92	1.00	53.0	15.5	4.74	.80	.95	1.00	50.0	14.7	5.30	.82	.98	1.00
	1930	910	59.0	17.3	3.78	.77	.90	1.00	56.0	16.4	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.0	14.7	5.30	.82	.98	1.00
67°F (19°C)	1805	850	61.5	18.0	3.82	.61	.73	.85	58.5	17.1	4.28	.61	.74	.87	55.5	16.3	4.78	.62	.76	.89	52.5	15.4	5.35	.64	.78	.92
	1920	905	62.5	18.3	3.83	.61	.74	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.63	.78	.91	53.0	15.5	5.36	.65	.80	.94
	1930	910	62.5	18.3	3.83	.61	.75	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.63	.78	.92	53.0	15.5	5.36	.65	.80	.95
71°F (22°C)	1805	850	65.0	19.0	3.87	.47	.59	.71	62.0	18.2	4.33	.47	.60	.72	59.0	17.3	4.83	.48	.61	.74	55.5	16.3	5.41	.48	.62	.76
	1920	905	66.0	19.3	3.88	.47	.60	.72	63.0	18.5	4.34	.48	.61	.73	59.5	17.4	4.85	.48	.62	.75	56.5	16.6	5.42	.49	.63	.77
	1930	910	66.0	19.3	3.88	.47	.60	.72	63.0	18.5	4.34	.48	.61	.73	59.5	17.4	4.85	.48	.62	.75	56.5	16.6	5.42	.49	.63	.77

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.85	.97	38.5	11.3	2.87	.74	.87	.99	36.8	10.8	3.33	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.76	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.96	1.00
	1350	635	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
67°F (19°C)	1080	510	44.5	13.0	2.10	.58	.70	.81	43.0	12.6	2.45	.59	.70	.82	41.0	12.0	2.84	.59	.72	.84	39.0	11.4	3.31	.60	.73	.86
	1340	630	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.61	.74	.87	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.29	.63	.78	.92
	1350	635	47.0	13.8	2.09	.61	.73	.86	45.0	13.2	2.44	.62	.75	.88	43.0	12.6	2.83	.63	.77	.90	41.0	12.0	3.29	.64	.78	.92
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	43.5	12.7	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.70
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	43.5	12.7	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

HSXA19-060 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	49.5	14.5	5.30	.81	.96	1.00
	1905	900	59.0	17.3	3.78	.77	.90	1.00	56.5	16.6	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
	1915	905	59.0	17.3	3.78	.77	.90	1.00	56.5	16.6	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
67°F (19°C)	1805	850	61.5	18.0	3.82	.60	.73	.86	59.0	17.3	4.28	.61	.75	.87	56.0	16.4	4.79	.62	.76	.90	53.0	15.5	5.35	.64	.78	.93
	1905	900	62.5	18.3	3.83	.61	.75	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.64	.78	.92	53.5	15.7	5.36	.65	.80	.95
	1915	905	62.5	18.3	3.83	.61	.75	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.63	.78	.92	53.5	15.7	5.36	.65	.80	.95
71°F (22°C)	1805	850	65.0	19.0	3.87	.47	.59	.71	62.5	18.3	4.33	.47	.60	.72	59.5	17.4	4.84	.48	.61	.74	56.0	16.4	5.42	.48	.62	.76
	1905	900	66.0	19.3	3.88	.48	.60	.72	63.0	18.5	4.35	.48	.61	.74	60.0	17.6	4.86	.48	.62	.75	56.5	16.6	5.43	.49	.64	.78
	1915	905	66.0	19.3	3.88	.48	.60	.72	63.0	18.5	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	56.5	16.6	5.43	.49	.63	.77

HSXA19-060 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.5	12.5	2.10	.73	.84	.96	41.0	12.0	2.46	.74	.86	.98	39.5	11.6	2.86	.75	.88	1.00	37.4	11.0	3.32	.76	.90	1.00
	1340	630	45.0	13.2	2.10	.76	.90	1.00	43.5	12.7	2.45	.78	.92	1.00	41.5	12.2	2.84	.79	.94	1.00	39.5	11.6	3.30	.81	.97	1.00
	1350	635	45.0	13.2	2.09	.77	.90	1.00	43.5	12.7	2.45	.78	.92	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.97	1.00
67°F (19°C)	1080	510	45.0	13.2	2.10	.59	.70	.81	43.5	12.7	2.45	.59	.71	.83	41.5	12.2	2.84	.60	.72	.84	39.5	11.6	3.30	.60	.74	.86
	1340	630	48.0	14.1	2.09	.61	.74	.86	46.0	13.5	2.43	.62	.75	.89	44.0	12.9	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1350	635	48.0	14.1	2.09	.60	.74	.87	46.0	13.5	2.43	.62	.75	.89	44.0	12.9	2.83	.63	.77	.91	42.0	12.3	3.27	.64	.79	.94
71°F (22°C)	1080	510	48.0	14.1	2.08	.46	.57	.68	46.0	13.5	2.43	.46	.57	.69	44.0	12.9	2.82	.46	.58	.70	42.0	12.3	3.27	.46	.59	.71
	1340	630	50.5	14.8	2.08	.47	.59	.72	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1350	635	50.5	14.8	2.08	.47	.59	.72	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.48	.62	.75	44.5	13.0	3.25	.48	.63	.77

HSXA19-060 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	60.0	17.6	3.79	.76	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.5	16.0	4.76	.80	.94	1.00	51.0	14.9	5.32	.82	.97	1.00
	1905	900	60.5	17.7	3.81	.77	.91	1.00	58.0	17.0	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
	1915	905	60.5	17.7	3.81	.78	.91	1.00	58.0	17.0	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
67°F (19°C)	1805	850	63.0	18.5	3.84	.61	.74	.86	60.0	17.6	4.30	.62	.75	.88	57.5	16.9	4.81	.63	.77	.91	54.0	15.8	5.38	.64	.79	.94
	1905	900	64.0	18.8	3.85	.62	.75	.88	61.0	17.9	4.31	.63	.77	.90	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.65	.81	.96
	1915	905	64.0	18.8	3.85	.62	.75	.88	61.0	17.9	4.31	.63	.77	.91	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.66	.81	.96
71°F (22°C)	1805	850	67.0	19.6	3.89	.47	.59	.72	64.0	18.8	4.35	.47	.60	.73	60.5	17.7	4.87	.48	.62	.75	57.0	16.7	5.43	.49	.63	.77
	1905	900	68.0	19.9	3.90	.47	.60	.73	64.5	18.9	4.37	.48	.61	.74	61.5	18.0	4.88	.48	.63	.76	58.0	17.0	5.45	.49	.64	.78
	1915	905	68.0	19.9	3.90	.48	.60	.73	64.5	18.9	4.37	.48	.61	.75	61.5	18.0	4.88	.48	.63	.76	58.0	17.0	5.45	.49	.64	.79

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CR26-48N-F with G60DFV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1275	600	42.0	12.3	2.11	.74	.87	.99	40.5	11.9	2.46	.76	.89	1.00	38.5	11.3	2.87	.77	.91	1.00	36.6	10.7	3.33	.78	.93	1.00
	1400	660	43.0	12.6	2.11	.76	.90	1.00	41.0	12.0	2.46	.78	.92	1.00	39.5	11.6	2.86	.79	.94	1.00	37.4	11.0	3.32	.81	.96	1.00
	1520	715	43.5	12.7	2.10	.78	.92	1.00	42.0	12.3	2.46	.79	.94	1.00	40.0	11.7	2.86	.81	.96	1.00	38.0	11.1	3.32	.83	.98	1.00
67°F (19°C)	1275	600	44.5	13.0	2.10	.60	.72	.84	43.0	12.6	2.45	.60	.73	.85	41.0	12.0	2.85	.61	.74	.87	39.0	11.4	3.30	.62	.76	.90
	1400	660	45.5	13.3	2.09	.61	.74	.86	44.0	12.9	2.45	.62	.75	.88	42.0	12.3	2.84	.63	.77	.90	40.0	11.7	3.30	.64	.78	.93
	1520	715	46.5	13.6	2.09	.62	.76	.89	44.5	13.0	2.44	.63	.77	.91	42.5	12.5	2.83	.64	.79	.93	40.5	11.9	3.29	.65	.80	.95
71°F (22°C)	1275	600	47.5	13.9	2.09	.46	.58	.70	45.5	13.3	2.43	.46	.59	.71	43.5	12.7	2.83	.46	.60	.72	41.5	12.2	3.28	.47	.61	.74
	1400	660	48.5	14.2	2.08	.46	.60	.72	46.5	13.6	2.43	.47	.60	.73	44.5	13.0	2.82	.47	.61	.74	42.5	12.5	3.27	.48	.63	.76
	1520	715	49.0	14.4	2.08	.47	.61	.73	47.5	13.9	2.43	.48	.62	.75	45.0	13.2	2.82	.48	.63	.76	43.0	12.6	3.27	.48	.64	.78

HSXA19-060 - CR26-48N-F with G60DFV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1985	935	56.5	16.6	3.75	.77	.91	1.00	54.0	15.8	4.20	.79	.93	1.00	51.5	15.1	4.71	.80	.95	1.00	48.5	14.2	5.27	.82	.98	1.00
	2035	960	57.0	16.7	3.75	.78	.92	1.00	54.5	16.0	4.21	.79	.94	1.00	51.5	15.1	4.71	.81	.96	1.00	48.5	14.2	5.28	.83	.99	1.00
	2095	990	57.5	16.9	3.76	.79	.93	1.00	54.5	16.0	4.22	.80	.95	1.00	52.0	15.2	4.72	.82	.97	1.00	49.0	14.4	5.28	.84	.99	1.00
67°F (19°C)	1985	935	60.0	17.6	3.80	.62	.75	.88	57.5	16.9	4.25	.63	.76	.90	54.5	16.0	4.76	.64	.78	.92	51.5	15.1	5.32	.65	.80	.95
	2035	960	60.5	17.7	3.80	.62	.76	.88	57.5	16.9	4.26	.63	.77	.91	55.0	16.1	4.77	.65	.79	.93	51.5	15.1	5.33	.66	.81	.96
	2095	990	61.0	17.9	3.81	.63	.76	.89	58.0	17.0	4.26	.64	.78	.92	55.0	16.1	4.77	.65	.80	.94	52.0	15.2	5.33	.67	.82	.97
71°F (22°C)	1985	935	63.5	18.6	3.85	.47	.60	.72	60.5	17.7	4.31	.47	.61	.74	57.5	16.9	4.81	.48	.63	.76	54.5	16.0	5.38	.49	.64	.78
	2035	960	64.0	18.8	3.85	.47	.61	.73	61.0	17.9	4.31	.48	.62	.75	58.0	17.0	4.82	.49	.63	.77	54.5	16.0	5.39	.49	.65	.79
	2095	990	64.5	18.9	3.86	.48	.62	.74	61.5	18.0	4.32	.48	.63	.76	58.5	17.1	4.83	.49	.64	.77	55.0	16.1	5.40	.50	.65	.80

HSXA19-060 - CR26-60W-F with G60DFV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1195	565	43.0	12.6	2.11	.74	.87	.99	41.0	12.0	2.46	.75	.89	1.00	39.5	11.6	2.87	.77	.91	1.00	37.4	11.0	3.32	.78	.93	1.00
	1340	630	44.0	12.9	2.10	.77	.91	1.00	42.5	12.5	2.46	.78	.93	1.00	40.5	11.9	2.85	.80	.95	1.00	38.5	11.3	3.31	.81	.97	1.00
	1515	715	45.0	13.2	2.10	.79	.94	1.00	43.5	12.7	2.45	.81	.96	1.00	41.5	12.2	2.85	.83	.98	1.00	39.5	11.6	3.30	.85	1.00	1.00
67°F (19°C)	1195	565	45.5	13.3	2.09	.59	.72	.84	44.0	12.9	2.44	.60	.73	.85	42.0	12.3	2.84	.61	.74	.87	40.0	11.7	3.30	.62	.76	.90
	1340	630	47.0	13.8	2.09	.61	.74	.87	45.0	13.2	2.44	.62	.76	.89	43.0	12.6	2.83	.63	.77	.91	41.0	12.0	3.28	.64	.79	.94
	1515	715	48.0	14.1	2.08	.63	.77	.91	46.0	13.5	2.43	.64	.78	.93	44.0	12.9	2.83	.65	.80	.95	41.5	12.2	3.28	.66	.82	.98
71°F (22°C)	1195	565	48.0	14.1	2.08	.45	.58	.69	46.5	13.6	2.43	.45	.59	.71	44.5	13.0	2.82	.46	.59	.72	42.0	12.3	3.27	.46	.60	.73
	1340	630	49.5	14.5	2.08	.46	.60	.72	47.5	13.9	2.43	.46	.61	.73	45.5	13.3	2.81	.47	.62	.75	43.5	12.7	3.26	.48	.63	.76
	1515	715	51.0	14.9	2.08	.47	.61	.75	49.0	14.4	2.42	.47	.62	.76	46.5	13.6	2.81	.48	.63	.78	44.5	13.0	3.25	.49	.65	.80

HSXA19-060 - CR26-60W-F with G60DFV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1705	805	57.0	16.7	3.76	.76	.89	1.00	54.5	16.0	4.21	.77	.91	1.00	51.5	15.1	4.71	.79	.94	1.00	48.5	14.2	5.27	.81	.96	1.00
	1890	890	58.5	17.1	3.78	.78	.92	1.00	55.5	16.3	4.23	.80	.95	1.00	53.0	15.5	4.74	.82	.97	1.00	49.5	14.5	5.29	.84	.99	1.00
	2065	975	59.5	17.4	3.79	.80	.95	1.00	56.5	16.6	4.24	.82	.97	1.00	54.0	15.8	4.75	.84	.99	1.00	51.0	14.9	5.31	.87	1.00	1.00
67°F (19°C)	1705	805	60.5	17.7	3.81	.61	.74	.86	58.0	17.0	4.26	.62	.75	.88	55.0	16.1	4.77	.63	.77	.90	51.5	15.1	5.33	.64	.79	.93
	1890	890	62.0	18.2	3.82	.63	.76	.89	59.0	17.3	4.28	.63	.78	.91	56.0	16.4	4.79	.65	.79	.94	53.0	15.5	5.35	.66	.82	.97
	2065	975	63.0	18.5	3.84	.64	.78	.92	60.0	17.6	4.30	.65	.80	.94	57.0	16.7	4.80	.66	.82	.97	53.5	15.7	5.36	.68	.84	.99
71°F (22°C)	1705	805	64.0	18.8	3.85	.47	.59	.71	61.0	17.9	4.31	.47	.61	.73	58.0	17.0	4.82	.47	.61	.74	54.5	16.0	5.39	.48	.63	.76
	1890	890	65.0	19.0	3.87	.48	.61	.74	62.5	18.3	4.33	.48	.62	.75	59.5	17.4	4.84	.48	.63	.77	56.0	16.4	5.41	.49	.65	.79
	2065	975	66.0	19.3	3.89	.48	.62	.76	63.5	18.6	4.35	.48	.64	.77	60.5	17.7	4.86	.49	.65	.79	57.0	16.7	5.43	.50	.67	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CH33-50/60C-2F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1210	570	43.5	12.7	2.10	.74	.87	.99	41.5	12.2	2.46	.75	.88	1.00	40.0	11.7	2.86	.77	.90	1.00	38.0	11.1	3.31	.78	.93	1.00
	1355	640	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.31	.81	.96	1.00
	1525	720	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.96	1.00	42.0	12.3	2.84	.82	.98	1.00	40.0	11.7	3.29	.84	1.00	1.00
67°F (19°C)	1210	570	46.0	13.5	2.09	.59	.72	.84	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.84	.61	.74	.87	40.5	11.9	3.29	.62	.76	.89
	1355	640	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.77	.90	41.5	12.2	3.28	.63	.78	.93
	1525	720	48.5	14.2	2.08	.63	.77	.90	46.5	13.6	2.43	.63	.78	.92	44.5	13.0	2.82	.64	.80	.94	42.0	12.3	3.27	.65	.81	.97
71°F (22°C)	1210	570	49.0	14.4	2.08	.46	.58	.69	47.0	13.8	2.43	.46	.58	.70	45.0	13.2	2.82	.46	.59	.71	43.0	12.6	3.27	.47	.60	.73
	1355	640	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1525	720	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

HSXA19-060 - CH33-50/60C-2F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1765	835	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.90	1.00	53.0	15.5	4.74	.78	.93	1.00	49.5	14.5	5.30	.81	.96	1.00
	1970	930	59.5	17.4	3.79	.77	.91	1.00	57.0	16.7	4.25	.79	.94	1.00	54.0	15.8	4.75	.81	.96	1.00	51.0	14.9	5.31	.83	.99	1.00
	2165	1020	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.0	16.1	4.77	.84	.99	1.00	52.0	15.2	5.34	.86	1.00	1.00
67°F (19°C)	1765	835	62.0	18.2	3.83	.61	.73	.85	59.0	17.3	4.28	.61	.74	.87	56.0	16.4	4.79	.62	.76	.89	53.0	15.5	5.35	.64	.78	.92
	1970	930	63.0	18.5	3.84	.62	.75	.88	60.5	17.7	4.30	.63	.77	.90	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.37	.65	.81	.96
	2165	1020	64.5	18.9	3.86	.64	.78	.92	61.5	18.0	4.32	.65	.80	.94	58.5	17.1	4.82	.66	.82	.96	55.0	16.1	5.39	.68	.84	.99
71°F (22°C)	1765	835	65.0	19.0	3.87	.47	.59	.71	62.5	18.3	4.33	.47	.60	.72	59.5	17.4	4.84	.48	.61	.73	56.0	16.4	5.42	.48	.62	.76
	1970	930	67.0	19.6	3.89	.48	.60	.73	64.0	18.8	4.35	.48	.61	.74	60.5	17.7	4.87	.49	.63	.76	57.0	16.7	5.43	.49	.64	.78
	2165	1020	68.0	19.9	3.91	.49	.62	.75	65.0	19.0	4.38	.49	.63	.77	62.0	18.2	4.89	.50	.65	.79	58.5	17.1	5.46	.51	.66	.82

HSXA19-060 - CH33-60D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.5	12.7	2.10	.74	.87	.99	41.5	12.2	2.46	.75	.88	1.00	40.0	11.7	2.86	.77	.90	1.00	37.8	11.1	3.31	.78	.92	1.00
	1345	635	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.80	.96	1.00
	1515	715	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.98	1.00	40.0	11.7	3.30	.84	1.00	1.00
67°F (19°C)	1200	565	46.0	13.5	2.09	.59	.71	.83	44.5	13.0	2.44	.60	.72	.85	42.5	12.5	2.84	.61	.74	.87	40.5	11.9	3.29	.62	.76	.89
	1345	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1515	715	48.5	14.2	2.08	.63	.76	.90	46.5	13.6	2.43	.63	.78	.92	44.5	13.0	2.82	.64	.80	.94	42.0	12.3	3.27	.66	.81	.97
71°F (22°C)	1200	565	49.0	14.4	2.08	.46	.58	.69	47.0	13.8	2.43	.46	.58	.70	45.0	13.2	2.82	.46	.59	.71	43.0	12.6	3.27	.47	.60	.73
	1345	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1515	715	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

HSXA19-060 - CH33-60D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	58.5	17.1	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	1990	940	59.5	17.4	3.79	.78	.92	1.00	57.0	16.7	4.25	.79	.94	1.00	54.0	15.8	4.76	.81	.97	1.00	51.0	14.9	5.32	.83	.99	1.00
	2185	1030	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.0	16.1	4.78	.84	1.00	1.00	52.0	15.2	5.34	.87	1.00	1.00
67°F (19°C)	1785	845	62.0	18.2	3.82	.61	.73	.85	59.0	17.3	4.28	.61	.75	.87	56.0	16.4	4.79	.63	.76	.90	53.0	15.5	5.36	.64	.78	.93
	1990	940	63.5	18.6	3.84	.62	.75	.89	60.5	17.7	4.30	.63	.77	.91	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.38	.66	.81	.96
	2185	1030	64.5	18.9	3.86	.64	.78	.92	61.5	18.0	4.32	.65	.80	.94	58.5	17.1	4.83	.66	.82	.97	55.0	16.1	5.39	.68	.84	.99
71°F (22°C)	1785	845	65.0	19.0	3.87	.47	.59	.71	62.5	18.3	4.33	.47	.60	.72	59.5	17.4	4.84	.48	.61	.74	56.0	16.4	5.41	.49	.62	.76
	1990	940	67.0	19.6	3.89	.48	.60	.73	64.0	18.8	4.36	.48	.61	.74	61.0	17.9	4.87	.49	.63	.76	57.0	16.7	5.44	.49	.64	.79
	2185	1030	68.0	19.9	3.91	.49	.62	.75	65.0	19.0	4.38	.49	.63	.77	62.0	18.2	4.89	.50	.65	.80	58.5	17.1	5.46	.51	.66	.82

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CH33-62D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.5	12.7	2.10	.74	.86	.98	42.0	12.3	2.46	.75	.88	1.00	40.0	11.7	2.85	.77	.90	1.00	38.0	11.1	3.32	.78	.92	1.00
	1345	635	44.5	13.0	2.09	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.30	.80	.96	1.00
	1515	715	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.29	.84	.99	1.00
67°F (19°C)	1200	565	46.0	13.5	2.09	.60	.72	.83	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.83	.61	.74	.86	40.5	11.9	3.29	.62	.76	.89
	1345	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.43	.61	.75	.87	43.5	12.7	2.83	.62	.76	.89	41.5	12.2	3.28	.63	.78	.92
	1515	715	49.0	14.4	2.08	.62	.76	.90	47.0	13.8	2.43	.63	.78	.92	45.0	13.2	2.82	.64	.79	.94	42.5	12.5	3.27	.66	.81	.96
71°F (22°C)	1200	565	48.5	14.2	2.08	.46	.58	.69	47.0	13.8	2.43	.47	.59	.70	45.0	13.2	2.82	.47	.59	.71	43.0	12.6	3.27	.47	.60	.73
	1345	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1515	715	51.5	15.1	2.07	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.80	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

HSXA19-060 - CH33-62D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	59.0	17.3	3.78	.76	.89	1.00	56.5	16.6	4.24	.77	.90	1.00	53.5	15.7	4.75	.79	.93	1.00	50.5	14.8	5.31	.81	.96	1.00
	1990	940	60.5	17.7	3.80	.78	.91	1.00	57.5	16.9	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
	2185	1030	61.5	18.0	3.82	.80	.95	1.00	59.0	17.3	4.28	.82	.97	1.00	56.0	16.4	4.79	.84	.99	1.00	52.5	15.4	5.35	.87	1.00	1.00
67°F (19°C)	1785	845	62.0	18.2	3.82	.61	.73	.85	59.5	17.4	4.29	.61	.75	.87	56.5	16.6	4.80	.63	.76	.89	53.5	15.7	5.37	.64	.78	.92
	1990	940	64.0	18.8	3.85	.62	.75	.88	61.0	17.9	4.31	.63	.77	.90	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.66	.81	.96
	2185	1030	65.0	19.0	3.87	.64	.78	.91	62.5	18.3	4.33	.65	.80	.94	59.0	17.3	4.84	.66	.82	.96	55.5	16.3	5.41	.68	.84	.99
71°F (22°C)	1785	845	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.48	.60	.72	60.0	17.6	4.85	.48	.61	.74	56.5	16.6	5.42	.49	.63	.76
	1990	940	67.0	19.6	3.90	.48	.61	.73	64.5	18.9	4.37	.48	.62	.75	61.5	18.0	4.88	.49	.63	.76	58.0	17.0	5.45	.49	.64	.79
	2185	1030	69.0	20.2	3.92	.49	.63	.76	66.0	19.3	4.39	.50	.64	.77	62.5	18.3	4.90	.50	.65	.79	59.0	17.3	5.47	.51	.66	.82

HSXA19-060 - CH33-50/60C-2F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.86	.97	38.5	11.3	2.87	.74	.87	.99	37.0	10.8	3.33	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
	1350	635	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.31	.81	.96	1.00
67°F (19°C)	1080	510	45.0	13.2	2.10	.58	.70	.81	43.0	12.6	2.45	.59	.71	.82	41.5	12.2	2.85	.59	.72	.84	39.5	11.6	3.30	.60	.73	.86
	1340	630	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1350	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.62	.77	.90	41.5	12.2	3.28	.64	.78	.93
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	44.0	12.9	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.70
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

HSXA19-060 - CH33-50/60C-2F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.5	17.1	3.78	.76	.89	1.00	56.0	16.4	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	1920	905	59.0	17.3	3.79	.77	.91	1.00	56.5	16.6	4.25	.78	.93	1.00	53.5	15.7	4.75	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
	1930	910	59.5	17.4	3.79	.77	.91	1.00	56.5	16.6	4.25	.79	.93	1.00	53.5	15.7	4.75	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
67°F (19°C)	1805	850	62.0	18.2	3.83	.61	.73	.86	59.0	17.3	4.29	.61	.75	.87	56.0	16.4	4.79	.62	.76	.90	53.0	15.5	5.36	.64	.78	.93
	1920	905	63.0	18.5	3.83	.61	.74	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.80	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
	1930	910	63.0	18.5	3.84	.61	.75	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.81	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
71°F (22°C)	1805	850	66.0	19.3	3.88	.47	.59	.71	62.5	18.3	4.34	.47	.60	.72	59.5	17.4	4.85	.48	.61	.74	56.0	16.4	5.42	.48	.62	.76
	1920	905	66.0	19.3	3.88	.47	.60	.72	63.5	18.6	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	57.0	16.7	5.43	.49	.63	.78
	1930	910	66.0	19.3	3.89	.47	.60	.72	63.5	18.6	4.35	.48	.61	.74	60.5	17.7	4.86	.48	.62	.75	57.0	16.7	5.43	.49	.64	.78

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HSXA19-060 - CH33-60D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.86	.97	38.5	11.3	2.87	.74	.87	.99	37.0	10.8	3.33	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
	1350	635	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.31	.81	.96	1.00
67°F (19°C)	1080	510	45.0	13.2	2.10	.58	.70	.81	43.0	12.6	2.45	.59	.71	.82	41.5	12.2	2.85	.59	.72	.84	39.5	11.6	3.30	.60	.73	.86
	1340	630	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1350	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.62	.77	.90	41.5	12.2	3.28	.64	.78	.93
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	44.0	12.9	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.70
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

HSXA19-060 - CH33-60D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.5	17.1	3.78	.76	.89	1.00	56.0	16.4	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	1905	900	59.0	17.3	3.79	.77	.90	1.00	56.5	16.6	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.5	14.8	5.31	.82	.98	1.00
	1915	905	59.0	17.3	3.79	.77	.91	1.00	56.5	16.6	4.25	.78	.93	1.00	53.5	15.7	4.75	.80	.95	1.00	50.5	14.8	5.31	.82	.98	1.00
67°F (19°C)	1805	850	62.0	18.2	3.83	.61	.73	.86	59.0	17.3	4.29	.61	.75	.87	56.0	16.4	4.79	.62	.76	.90	53.0	15.5	5.36	.64	.78	.93
	1905	900	62.5	18.3	3.84	.61	.74	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.80	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
	1915	905	63.0	18.5	3.84	.61	.75	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.80	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
71°F (22°C)	1805	850	66.0	19.3	3.88	.47	.59	.71	62.5	18.3	4.34	.47	.60	.72	59.5	17.4	4.85	.48	.61	.74	56.0	16.4	5.42	.48	.62	.76
	1905	900	66.0	19.3	3.88	.47	.60	.72	63.5	18.6	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	56.5	16.6	5.43	.49	.63	.77
	1915	905	66.0	19.3	3.88	.47	.60	.72	63.5	18.6	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	57.0	16.7	5.43	.49	.63	.78

HSXA19-060 - CH33-62D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.5	12.5	2.11	.72	.84	.95	40.5	11.9	2.46	.73	.85	.97	39.0	11.4	2.86	.74	.87	.99	37.2	10.9	3.32	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.30	.80	.96	1.00
	1350	635	45.0	13.2	2.09	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.30	.81	.96	1.00
67°F (19°C)	1080	510	44.5	13.0	2.10	.58	.70	.80	43.0	12.6	2.45	.59	.71	.82	41.5	12.2	2.85	.60	.72	.84	39.5	11.6	3.30	.60	.73	.86
	1340	630	47.5	13.9	2.09	.61	.73	.86	45.5	13.3	2.43	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.5	12.2	3.28	.63	.78	.92
	1350	635	47.5	13.9	2.09	.61	.74	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.63	.77	.90	41.5	12.2	3.28	.64	.78	.92
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	43.5	12.7	2.82	.46	.58	.69	41.5	12.2	3.28	.46	.59	.71
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.60	.73	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

HSXA19-060 - CH33-62D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																											
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	59.0	17.3	3.79	.76	.89	1.00	56.5	16.6	4.24	.77	.91	1.00	53.5	15.7	4.75	.79	.93	1.00	50.5	14.8	5.31	.81	.96	1.00
	1905	900	60.0	17.6	3.79	.77	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.0	15.8	4.76	.80	.95	1.00	51.0	14.9	5.32	.82	.98	1.00
	1915	905	60.0	17.6	3.79	.77	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.5	16.0	4.76	.80	.95	1.00	51.0	14.9	5.32	.82	.98	1.00
67°F (19°C)	1805	850	62.5	18.3	3.83	.61	.73	.85	59.5	17.4	4.29	.61	.75	.87	56.5	16.6	4.80	.63	.76	.90	53.5	15.7	5.37	.64	.78	.93
	1905	900	63.0	18.5	3.84	.61	.74	.87	60.5	17.7	4.30	.62	.76	.89	57.5	16.9	4.81	.63	.78	.91	54.0	15.8	5.38	.65	.80	.94
	1915	905	63.0	18.5	3.84	.61	.75	.87	60.5	17.7	4.30	.62	.76	.89	57.5	16.9	4.81	.64	.78	.92	54.0	15.8	5.38	.65	.80	.95
71°F (22°C)	1805	850	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.47	.60	.72	60.0	17.6	4.85	.48	.61	.74	56.5	16.6	5.43	.48	.62	.76
	1905	900	67.0	19.6	3.89	.47	.60	.72	64.0	18.8	4.35	.48	.61	.73	60.5	17.7	4.87	.48	.62	.75	57.5	16.9	5.43	.49	.63	.77
	1915	905	67.0	19.6	3.89	.47	.60	.72	64.0	18.8	4.36	.48	.61	.74	60.5	17.7	4.87	.48	.62	.75	57.5	16.9	5.44	.49	.64	.77