AIR CONDITIONERS

HSXA16

ELITE® SERIES

R-410A - Two-Stage Compressor

ENGINEERING DATA

Bulletin No. 210408
April 2005

SEER - up to 17.25
2 to 5 Tons
Cooling Capacity - 24,200 to 59,000 Btuh

MODEL NUMBER IDENTIFICATION

HS X A 16 - 036 - 230

Unit Type
HS = Air Conditioner

Refrigerant Type
X = R-410A

Major Revision

Series

Nominal Cooling Capacity
024 = 2 tons (7.0 kW)
036 = 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

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 17.25.
2 through 5 ton (7.0 through 17.6 kW).
Single phase power supply.
Sound levels as low as 72 dB.
Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
Matching add-on furnace indoor coils or air handlers provide a wide range of cooling capacities and applications. See ARI Ratings tables.
See Indoor Coils and Air Handlers sections for data.
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.

1 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.

2 Outdoor Fan

Corrosion-resistant PVC (polyvinyl chloride) coated steel wire.
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.
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.

3 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.

FEATURES

REFRIGERATION SYSTEM

4 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.

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

OPTIONS

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

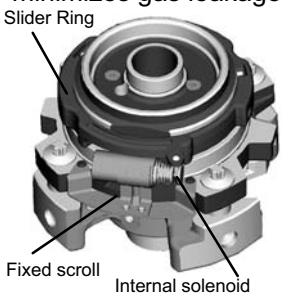
Refrigerant Line Kits
Refrigerant lines (suction & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized, and sealed at factory.
Suction line fully insulated.
L15 lines are stubbed at both ends.
See Specifications table for selection.
Not available for HSXA16-060 model and must be field fabricated.

Freezestat
Installs on or near the discharge line of the indoor coil 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).

COMPRESSOR

6 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.

Compressor Hard Start Kit (-024 Models Only)
Increases the compressor starting torque.
Factory installed.

OPTIONS

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

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

CONTROLS

OPTIONS

SignatureStat™ Home Comfort Control

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.

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

Air conditioning 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.

CABINET

7. Heavy-gauge galvanized steel cabinet with five station metal wash process.
   Powder paint finish provides superior rust and corrosion protection.
   Painted base section.
8. 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.
9. High density polyethylene feet raise the unit off of the mounting surface, away from damaging moisture.
10. 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.

11. 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

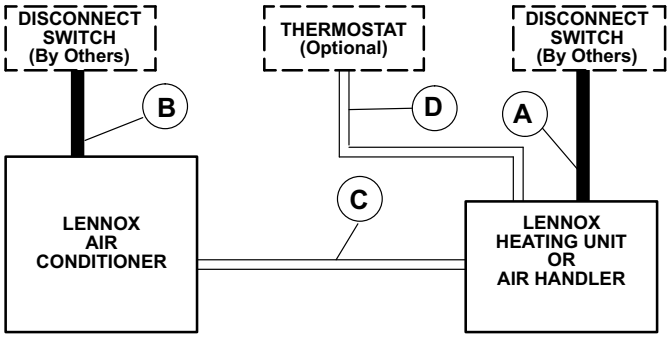
Provides permanent foundation for outdoor units.

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.

Dimensions: 32 x 34 x 3 in. (813 x 864 x 76 mm)

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

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.

SPECIFICATIONS

General Data	Model No.	HSXA16-024	HSXA16-036	HSXA16-048	HSXA16-060
	Nominal Tonnage (kW)	2 (7.0)	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)
	Suction line (o.d.) - in. (mm)	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)	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)	18.3 (1.70)	21.8 (2.03)
	Net face area sq. ft. (m2) Inner coil	13.3 (1.24)	13.3 (1.24)	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)
	No. of rows	1.83	1.83	1.73	2
	Fins per inch (m)	22	22	22	22
Outdoor Fan	Diameter - in. (mm)	24 (610)	24 (610)	24 (610)	24 (610)
	No. of blades	3	3	3	3
	Motor hp (W)	1/6 (124)	1/6 (124)	1/4 (187)	1/4 (187)
	Cfm (L/s)	3160 (1485)	3160 (1485)	3900 (1840)	4200 (1980)
	Rpm	825	825	820	820
	Watts	200	200	270	300
Shipping Data - lbs. (kg) 1 pkg.		242 (110)	243 (110)	262 (119)	313 (142)
ELECTRICAL DATA					
	Line voltage data - 60hz	208/230V-1ph	208/230V-1ph	208/230V-1ph	208/230V-1ph
	[3] Maximum overcurrent protection (amps)	20	35	45	60
	[2] Minimum circuit ampacity	14	22	28.2	33.8
Compressor	Rated load amps	10.3	16.7	21.2	25.7
	Locked rotor amps	52	82	96	118
	Power factor	0.99	0.98	0.99	0.99
Outdoor Fan Motor	Full load amps	1.1	1.1	1.7	1.7
	Locked rotor amps	2	2	3.1	3.1

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA						
Compressor Crankcase Heater	40 watt	**18K20**	•	•	•	•
	70 watt	**67K90**	•	•	•	•
Compressor Hard Start Kit		**10J42**	N/A	•		
		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**	•	•	•	•
Mounting Base		**69J07**	•	•	•	•
SignatureStat™ Home Comfort Control		**81M27**	•	•	•	•
Refrigerant Line Sets	L15-65-15 L15-65-30	L15-65-40 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.

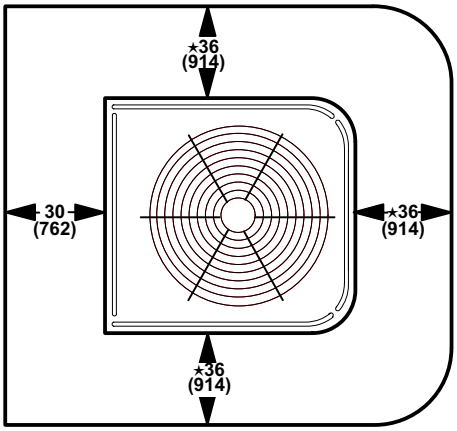
OUTDOOR SOUND DATA

[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	
HSXA16-024	49.0	53.0	62.0	63.0	63.5	60.0	54.5	49.0	72
HSXA16-036	53.5	58.5	59.0	63.0	63.0	60.5	55.5	49.5	72
HSXA16-048	51.5	58.0	62.5	67.5	66.5	62.0	57.0	51.0	74
HSXA16-060	49.0	57.5	60.0	67.0	67.0	61.5	57.0	49.5	78

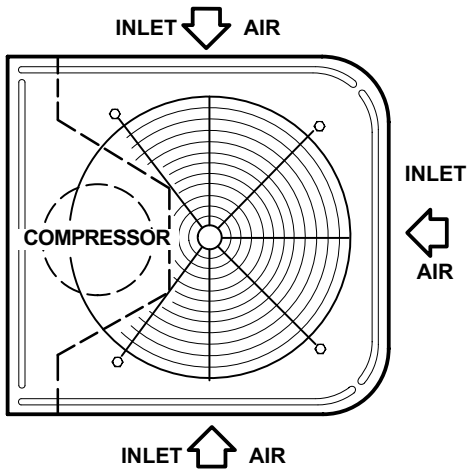
NOTE - the octave sound power data does not include tonal correction.
[1] Tested according to ARI Standard 270-95 test conditions.

DIMENSIONS – INCHES (MM)

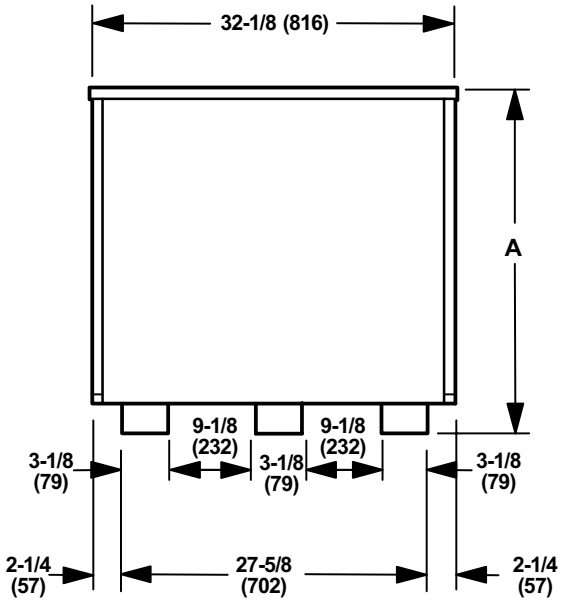
INSTALLATION CLEARANCES



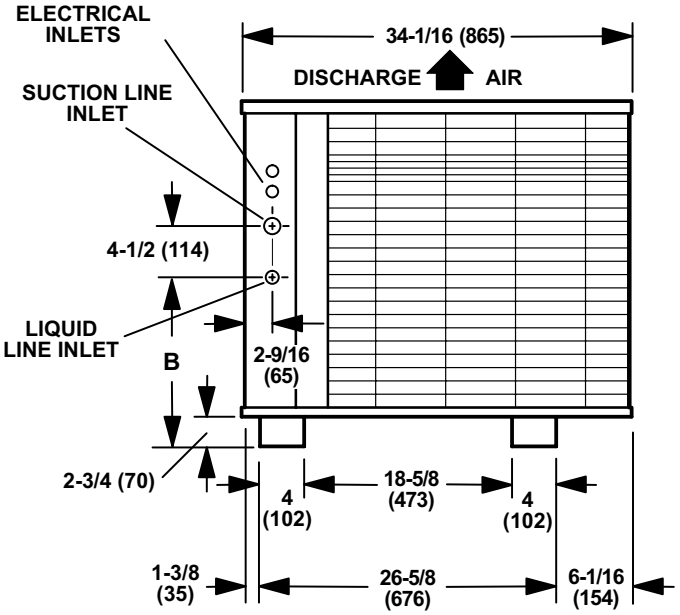
★ One side of unit may be 12 in. (305 mm)
One of the remaining sides may be 6 in. (152 mm)
NOTE - 48 in (1219 mm) clearance required on top of unit
NOTE - 24 in. (610 mm) required between two units



TOP VIEW



ACCESS VIEW



SIDE VIEW

Model No.	A		B	
	in.	mm	in.	mm
HSXA16-024 HSXA16-036	30-7/8	784	12-3/4	324
HSXA16-048	34-7/8	886	13-3/4	349
HSXA16-060	40-7/8	1038	19-3/4	502

ARI RATINGS — 2 TON

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
HSXA16-024 2 Ton (72 dB)	**with R-410A Coils**							
	Up-Flow Indoor Coils	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] CX34-36A/B/C-6F	Factory Installed TXV
		24,800	7.3	14.15	11.75	2110	[5] CX34-42B-6F	[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] CX34-42B-6F + G61MPV-36B-045	[4] **37L51** - order separately
		25,400	7.4	16.20	12.55	2020	[6] CX34-36A-6F + G60UHV-36A-070	Factory Installed TXV
		25,400	7.4	16.30	12.75	1990	[6] CX34-36B-6F + G60UHV-36B-090	Factory Installed TXV
		25,400	7.4	16.30	12.75	1990	[6] CX34-42B-6F + G60UHV-36B-090	[4] **37L51** - order separately
		26,400	7.7	16.40	12.95	2040	[6] CX34-38B-6F + G61MPV-36B-045	Factory Installed TXV
		26,400	7.7	16.50	13.05	2025	[6] CX34-38B-6F + G61MPV-36B-070	Factory Installed TXV
		26,400	7.7	16.60	13.05	2025	[6] CX34-38A-6F + G60UHV-36A-070	Factory Installed TXV
		26,400	7.7	16.75	13.25	1995	[6] CX34-38B-6F + G60UHV-36B-090	Factory Installed TXV
	Air Handlers	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] CBX32M-042 (Multi-Position)	[4] **37L51** - order separately
		25,600	7.5	15.05	12.40	2065	[5] CBX32M-030 (Multi-Position)	Factory Installed TXV
		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	[3,6] CBX32MV-024/030 (Multi-Position)	Factory Installed TXV
		26,600	7.8	16.50	13.45	1975	[6] CBX32MV-036 (Multi-Position)	Factory Installed TXV
	with R-22 Coils							
	Up-Flow Indoor Coils	24,600	7.2	14.00	11.70	2105	[5] C33-30A/B/C	[4] **37L51** - order separately
		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] C33-42B	[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
	Up-Flow Indoor Coils with Furnace	25,400	7.4	16.00	12.50	2035	[6] C33-42B + G61MPV-36B-045	[4] **37L51** - order separately
		25,400	7.4	16.20	12.55	2020	[6] C33-36A + G60UHV-36A-070	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] C33-36B + G60UHV-36B-090	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] C33-42B + G60UHV-36B-090	[4] **37L51** - order separately
		26,400	7.7	16.40	12.95	2040	[6] C33-38B + G61MPV-36B-045	[4] **37L51** - order separately
		26,400	7.7	16.50	13.05	2025	[6] C33-38B + G61MPV-36B-070	[4] **37L51** - order separately
		26,400	7.7	16.60	13.05	2025	[6] C33-38A + G60UHV-36A-070	[4] **37L51** - order separately
		26,400	7.7	16.75	13.25	1995	[6] C33-38B + G60UHV-36B-090	[4] **37L51** - order separately
	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	25,400	7.4	16.25	12.55	2020	[6] CH33-36A-2F + G60UHV-36A-070	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] CH33-36B-2F + G60UHV-36B-090	[4] **37L51** - order separately
		25,400	7.4	16.30	12.75	1990	[6] CH33-44/48B-2F + G60UHV-36B-090	[4] **37L51** - order separately
		26,000	7.6	16.25	12.75	2040	[6] CH33-42B-2F + G61MPV-36B-045	[4] **37L51** - order separately
		26,000	7.6	16.40	12.85	2025	[6] CH33-42B-2F + G61MPV-36B-070	[4] **37L51** - order separately
		26,000	7.6	16.65	13.05	1995	[6] CH33-42B-2F + G60UHV-36B-090	[4] **37L51** - order separately
	Air Handlers	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	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
		26,600	7.8	15.15	12.65	2100	[5] CB30M-46 (Multi-Position)	[4] **37L51** - order separately
		26,600	7.8	16.50	13.45	1975	[6] CB31MV-41 (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 - R-410A COILS — 3 TON

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
HSXA16-036 3 Ton (72 dB)	**with R-410A Coils**							
	Up-Flow Indoor Coils	34,200	10.0	14.10	10.85	3155	[5] CX34-36A/B/C-6F	Factory Installed
		34,200	10.0	14.10	10.85	3155	[5] CX34-42B-6F	[4] **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	14.55	11.20	3175	[5] CX34-50/60C-6F	[4] **37L51** - order separately
		35,600	10.4	14.60	11.20	3175	[5] CX34-38A/B-6F	Factory Installed
	Up-Flow Indoor Coils/ Furnace	34,600	10.1	15.90	11.35	3055	[6] CX34-36B-6F + [7] G61MPV-36B	Factory Installed
		34,600	10.1	15.90	11.35	3055	[6] CX34-42B-6F + [7] G61MPV-36B	Factory Installed
		35,000	10.3	15.70	11.70	2990	[6] CX34-36A/B-6F + [7] G60UHV-36A/B	Factory Installed
		35,000	10.3	15.70	11.70	2990	[6] CX34-42B-6F + G60UHV-36B-090	[4] **37L51** - order separately
		35,800	10.5	16.25	11.65	3070	[6] CX34-44/48B-6F + [7] G61MPV-36B	[4] **37L51** - order separately
		36,000	10.6	16.05	12.00	3005	[6] CX34-44/48B-6F + G60UHV-36B-090	[4] **37L51** - order separately
		36,000	10.6	16.45	11.70	3075	[6] CX34-38B-6F + [7] G61MPV-36B	Factory Installed
		36,400	10.7	16.20	12.10	3010	[6] CX34-38A/B-6F + [7] G60UHV-36A/B	Factory Installed
		36,400	10.7	16.85	12.00	3040	[6] CX34-50/60C-6F + G61MPV-36C-090	[4] **37L51** - order separately
		36,800	10.8	16.35	12.00	3085	[6] CX34-50/60C-6F + [7] G60UHV-60C	[4] **37L51** - order separately
	Air Handlers	35,000	10.3	15.15	11.40	3075	[5] CBX32M-030 (Multi-Position)	Factory Installed
		35,200	10.3	15.10	11.30	3120	[5] CBX32M-036 (Multi-Position)	Factory Installed
		35,200	10.3	15.10	11.30	3120	[5] CBX32M-042 (Multi-Position)	[4] **37L51** - order separately
		35,400	10.4	16.40	11.80	3000	[6] CBX32MV-024/030	Factory Installed
		35,600	10.4	16.70	12.00	2990	[6] CBX32MV-036 (Multi-Position)	Factory Installed
		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	[3,6] CBX32MV-048 (Multi-Position)	[4] **37L51** - order separately

NOTE - Ratings for all C33 Indoor Coils include all cased and uncased Indoor 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.

7 Includes all heat sizes for this model

ARI RATINGS - R-22 COILS — 3 TON

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
HSXA16-036 3 Ton (72 dB)	**with R-22 Coils**							
	Up-Flow Indoor Coils	34,200	10.0	14.10	10.85	3155	[5] C33-36A/B/C	[4] **37L51** - order separately
		34,200	10.0	14.10	10.85	3155	[5] C33-42B	[4] **37L51** - order separately
		35,000	10.3	14.45	11.05	3165	[5] C33-44C	[4] **37L51** - order separately
		35,200	10.3	14.45	11.10	3170	[5] C33-48B/C	[4] **37L51** - order separately
		35,600	10.4	14.55	11.20	3175	[5] C33-50/60C	[4] **37L51** - order separately
		35,600	10.4	14.60	11.20	3175	[5] C33-38A/B	[4] **37L51** - order separately
	Up-Flow Indoor Coils/ Furnace	34,600	10.1	15.90	11.35	3055	[6] C33-36B + [7] G61MPV-36B	[4] **37L51** - order separately
		34,600	10.1	15.90	11.35	3055	[6] C33-42B + [7] G61MPV-36B	[4] **37L51** - order separately
		35,000	10.3	15.70	11.70	2990	[6] C33-36A/B + [7] G60UHV-36A/B	[4] **37L51** - order separately
		35,000	10.3	15.70	11.70	2990	[6] C33-42B + G60UHV-36B-090	[4] **37L51** - order separately
		35,800	10.5	16.25	11.65	3070	[6] C33-48B + [7] G61MPV-36B	[4] **37L51** - order separately
		36,000	10.6	16.05	12.00	3005	[6] C33-48B + G60UHV-36B-090	[4] **37L51** - order separately
		36,000	10.6	16.45	11.70	3075	[6] C33-38B + [7] G61MPV-36B	[4] **37L51** - order separately
		36,400	10.7	16.20	12.10	3010	[6] C33-38A/B + [7] G60UHV-36A/B	[4] **37L51** - order separately
		36,400	10.7	16.85	12.00	3040	[6] C33-50/60C + G61MPV-36C-090	[4] **37L51** - order separately
		36,800	10.8	16.35	12.00	3085	[6] C33-50/60C + [7] G60UHV-60C	[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
	Down-Flow Indoor Coils/ Furnace	35,200	10.3	15.75	11.75	2995	[6] CR26-48N-F + G60DFV-36B-090	**37L51** - order separately
		35,400	10.4	16.00	11.80	2995	[6] CR26-36W-F + G60DFV-36B-090	**37L51** - order separately
	Horizontal Indoor Coils	34,200	10.0	14.20	10.80	3160	[5] CH33-36A/B/C-2F	[4] **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	[4] **37L51** - order separately
		36,000	10.6	14.70	11.30	3180	[5] CH33-48C-2F	[4] **37L51** - order separately
	Horizontal Indoor Coils/ Furnace	34,600	10.1	15.90	11.35	3055	[6] CH33-36B-2F + [7] G61MPV-36B	[4] **37L51** - order separately
		34,800	10.2	15.70	11.65	2990	[6] CH33-36A/B-2F + [7] G60UHV-36A/B	[4] **37L51** - order separately
		35,600	10.4	16.25	11.60	3070	[6] CH33-42B-2F + [7] G61MPV-36B	[4] **37L51** - order separately
		36,000	10.6	16.05	12.00	3000	[6] CH33-42B-2F + G60UHV-36B-090	[4] **37L51** - order separately
		36,200	10.6	16.45	11.75	3075	[6] CH33-44/48B-2F + [7] G61MPV-36B	[4] **37L51** - order separately
		36,400	10.7	16.25	12.10	3010	[6] CH33-48C-2F + G60UHV-36B-090	[4] **37L51** - order separately
	Air Handlers	35,000	10.3	15.15	11.40	3075	[5] CB30M-31 (Multi-Position)	[4] **37L51** - order separately
		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] CB30M-46 (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
		35,600	10.4	16.70	12.00	2990	[6] CB31MV-41 (Multi-Position)	[4] **37L51** - order separately
		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
		37,000	10.8	17.25	12.60	2935	[6] CB31MV-51 (Multi-Position)	[4] **37L51** - order separately

NOTE - Ratings for all C33 Indoor Coils include all cased and uncased Indoor 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.

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.

7 Includes all heat sizes for this model

ARI RATINGS - R-410A COILS — 4 TON

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
HSXA16-048 4 Ton (74 dB)	**with R-410A Coils**							
	Up-Flow Indoor Coils	47,000	13.8	13.95	11.15	4210	[5] CX34-44/48B/C-6F	Factory Installed
		47,500	13.9	14.10	11.25	4220	[5] CX34-50/60C-6F	Factory Installed
		48,000	14.1	14.30	11.35	4230	[5] CX34-60D-6F	Factory Installed
		48,500	14.2	14.40	11.45	4235	[5] CX34-62D-6F	Factory Installed
	Up-Flow Indoor Coils/ Furnace	47,000	13.8	15.15	11.40	4125	[6] CX34-44/48C-6F + [7] G61MPV-60C	Factory Installed
		47,500	13.9	15.35	11.50	4130	[6] CX34-50/60C-6F + [7] G61MPV-60C	Factory Installed
		47,500	13.9	15.40	11.60	4090	[6] CX34-44/48C-6F + [7] G60UHV-60C	Factory Installed
		48,000	14.1	15.55	11.70	4095	[6] CX34-50/60C-6F + [7] G60UHV-60C	Factory Installed
		48,500	14.2	15.55	11.75	4135	[6] CX34-60D-6F + G61MPV-60D-135	Factory Installed
		49,000	14.4	15.70	11.85	4140	[6] CX34-62D-6F + G61MPV-60D-135	Factory Installed
		49,000	14.4	15.75	12.10	4055	[6] CX34-60D-6F + G60UHV-60D-135	Factory Installed
		49,000	14.4	15.85	12.05	4060	[6] CX34-62D-6F + G60UHV-60D-135	Factory Installed
	Air Handlers	45,000	13.2	14.45	11.05	4070	[5] CBX32M-036 (Multi-Position)	[4] **39L72** - order separately
		45,000	13.2	14.45	11.05	4070	[5] CBX32M-042 (Multi-Position)	Factory Installed
		45,500	13.3	15.25	11.05	4120	[6] CBX32MV-036 (Multi-Position)	[4] **39L72** - order separately
		45,500	13.3	15.25	11.05	4120	[6] CBX32MV-042 (Multi-Position)	Factory Installed
		48,000	14.1	14.65	11.60	4140	[5] CBX32M-048 (Multi-Position)	Factory Installed
		48,000	14.1	14.65	11.60	4140	[5] CBX32M-060 (Multi-Position)	Factory Installed
		48,000	14.1	16.00	11.65	4115	[3,6] CBX32MV-048 (Multi-Position)	Factory Installed
		48,500	14.2	16.00	11.75	4120	[6] CBX32MV-060 (Multi-Position)	Factory Installed

NOTE - Ratings for all C33 Indoor Coils include all cased and uncased Indoor 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.

7 Includes all heat sizes for this model

ARI RATINGS - R-22 COILS — 4 TON

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
HSXA16-048 4 Ton (74 dB)	**with R-22 Coils**							
	Up-Flow Indoor Coils	47,000	13.8	13.95	11.15	4210	[5] C33-48B/C	[4] **39L72** - order separately
		47,500	13.9	14.10	11.25	4220	[5] C33-50/60C	[4] **39L72** - order separately
		48,000	14.1	14.30	11.35	4230	[5] C33-60D	[4] **39L72** - order separately
		48,500	14.2	14.40	11.45	4235	[5] C33-62D	[4] **39L72** - order separately
	Up-Flow Indoor Coils/ Furnace	47,000	13.8	15.15	11.40	4125	[6] C33-48C + [7] G61MPV-60C	[4] **39L72** - order separately
		47,500	13.9	15.35	11.50	4130	[6] C33-50/60C + [7] G61MPV-60C	[4] **39L72** - order separately
		47,500	13.9	15.40	11.60	4090	[6] C33-48C + [7] G60UHV-60C	[4] **39L72** - order separately
		48,000	14.1	15.55	11.70	4095	[6] C33-50/60C + [7] G60UHV-60C	[4] **39L72** - order separately
		48,500	14.2	15.55	11.75	4135	[6] C33-60D + G61MPV-60D-135	[4] **39L72** - order separately
		49,000	14.4	15.70	11.85	4140	[6] C33-62D + G61MPV-60D-135	[4] **39L72** - order separately
		49,000	14.4	15.75	12.10	4055	[6] C33-60D + G60UHV-60D-135	[4] **39L72** - order separately
		49,000	14.4	15.85	12.05	4060	[6] C33-62D + G60UHV-60D-135	[4] **39L72** - order separately
	Down-Flow Indoor Coils	45,500	13.3	13.60	10.85	4195	[5] CR26-48N/W-F	**39L72** - order separately
		47,500	13.9	14.10	11.25	4215	[5] CR26-60N/W-F	**39L72** - order separately
	Down-Flow Indoor Coils/ Furnace	46,500	13.6	15.05	11.40	4075	[6] CR26-48N-F + [7] G60DFV-60C	**39L72** - order separately
		48,000	14.1	15.65	11.80	4065	[6] CR26-60W-F + G60DFV-60D-135	**39L72** - order separately
	Horizontal Indoor Coils	46,000	13.5	13.70	10.95	4205	[5] CH23-51	**39L72** - order separately
		46,500	13.6	13.90	11.05	4210	[5] CH23-65	**39L72** - order separately
		47,500	13.9	14.15	11.25	4220	[5] CH33-48C-2F	[4] **39L72** - order separately
		48,000	14.1	14.20	11.35	4225	[5] CH33-60D-2F	[4] **39L72** - order separately
		48,000	14.1	14.25	11.35	4230	[5] CH33-62D-2F	[4] **39L72** - order separately
		48,500	14.2	14.35	11.45	4230	[5] CH33-50/60C-2F	[4] **39L72** - order separately
		48,500	14.2	14.40	11.45	4235	[5] CH23-68	**39L72** - order separately
	Horizontal Indoor Coils/ Furnace	47,500	13.9	15.40	11.50	4130	[6] CH33-48C-2F + [7] G61MPV-60C	[4] **39L72** - order separately
		48,000	14.1	15.45	11.60	4135	[6] CH33-50/60C-2F + [7] G61MPV-60C	[4] **39L72** - order separately
		48,000	14.1	15.60	11.70	4100	[6] CH33-48C-2F + [7] G60UHV-60C	[4] **39L72** - order separately
		48,000	14.1	15.60	11.60	4130	[6] CH33-60D-2F + G61MPV-60D-135	[4] **39L72** - order separately
		48,500	14.2	15.60	11.75	4130	[6] CH33-62D-2F + G61MPV-60D-135	[4] **39L72** - order separately
		48,500	14.2	15.70	11.85	4100	[6] CH33-50/60C-2F + [7] G60UHV-60C	[4] **39L72** - order separately
		48,500	14.2	15.70	12.00	4050	[6] CH33-60D-2F + G60UHV-60D-135	[4] **39L72** - order separately
		49,000	14.4	15.70	12.10	4055	[6] CH33-62D-2F + G60UHV-60D-135	[4] **39L72** - order separately
	Air Handlers	45,000	13.2	14.45	11.05	4070	[5] CB30M-41 (Multi-Position)	[4] **39L72** - order separately
		45,000	13.2	14.45	11.05	4070	[5] CB30M-46 (Multi-Position)	[4] **39L72** - order separately
		45,500	13.3	14.20	11.15	4075	[5] CB30U-41/46 (Up-Flow)	[4] **39L72** - order separately
		45,500	13.3	15.25	11.05	4120	[6] CB31MV-41 (Multi-Position)	[4] **39L72** - order separately
		47,500	13.9	14.45	11.45	4150	[5] CB30U-51 (Up-Flow)	[4] **39L72** - order separately
		48,000	14.1	14.65	11.60	4140	[5] CB30M-51 (Multi-Position)	[4] **39L72** - order separately
		48,000	14.1	14.65	11.60	4140	[5] CB30M-65 (Multi-Position)	[4] **39L72** - order separately
		48,000	14.1	15.05	11.60	4140	[5] CB30U-65 (Up-Flow)	[4] **39L72** - order separately
		48,000	14.1	16.00	11.65	4115	[6] CB31MV-51 (Multi-Position)	[4] **39L72** - order separately
		48,500	14.2	16.00	11.75	4120	[6] CB31MV-65 (Multi-Position)	[4] **39L72** - order separately

NOTE - Ratings for all C33 Indoor Coils include all cased and uncased Indoor 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.

[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.

[7] Includes all heat sizes for this model

ARI RATINGS — 5 TON

Outdoor Unit Model No. / Unit Size / [1] Sound Rating Number		[2] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit		
		Btuh	kW	SEER	EER	Watts	Indoor Unit Model No.	Expansion Device
HSXA16-060 5 Ton (78 dB)	**with R-410A Coils**							
	Up-Flow Indoor Coils	56,500	16.6	13.60	10.65	5300	[5] CX34-44/48B/C-6F	Factory Installed
		57,500	16.9	13.80	10.80	5315	[5] CX34-50/60C-6F	Factory Installed
		58,000	17.0	13.80	11.00	5320	[5] CX34-60D-6F	Factory Installed
		59,000	17.3	14.10	11.05	5345	[5] CX34-62D-6F	Factory Installed
	Up-Flow Indoor Coils/ Furnace	56,500	16.6	14.60	11.00	5165	[6] CX34-44/48C-6F + [7] G60UHV-60C	Factory Installed
		56,500	16.6	14.70	10.80	5230	[6] CX34-44/48C-6F + [7] G61MPV-60C	Factory Installed
		57,500	16.9	14.70	11.00	5280	[6] CX34-60D-6F + G60UHV-60D-135	Factory Installed
		57,500	16.9	14.75	11.10	5175	[6] CX34-50/60C-6F + [7] G60UHV-60C	Factory Installed
		57,500	16.9	14.85	11.00	5240	[6] CX34-50/60C-6F + [7] G61MPV-60C	Factory Installed
		58,000	17.0	15.00	11.00	5285	[6] CX34-60D-6F + G61MPV-60D-135	Factory Installed
		59,000	17.3	15.05	11.35	5200	[6] CX34-62D-6F + G60UHV-60D-135	Factory Installed
		59,000	17.3	15.30	11.10	5310	[6] CX34-62D-6F + G61MPV-60D-135	Factory Installed
	Air Handlers	56,500	16.6	14.40	10.70	5270	[5] CBX32M-048 (Multi-Position)	Factory Installed
		57,500	16.9	15.25	11.00	5285	[6] CBX32MV-048 (Multi-Position)	Factory Installed
		58,000	17.0	14.30	11.00	5325	[5] CBX32M-060 (Multi-Position)	Factory Installed
		58,000	17.0	15.30	11.00	5295	[3,6] CBX32MV-060 (Multi-Position)	Factory Installed
	with R-22 Coils							
	Up-Flow Indoor Coils	56,500	16.6	13.60	10.65	5300	[5] C33-48B/C	[4] **39L72** - order separately
		57,500	16.9	13.80	10.80	5315	[5] C33-50/60C	[4] **39L72** - order separately
		58,000	17.0	13.80	11.00	5320	[5] C33-60D	[4] **39L72** - order separately
		59,000	17.3	14.10	11.05	5345	[5] C33-62D	[4] **39L72** - order separately
	Up-Flow Indoor Coils/ Furnace	56,500	16.6	14.60	11.00	5165	[6] C33-48C + [7] G60UHV-60C	[4] **39L72** - order separately
		56,500	16.6	14.70	10.80	5230	[6] C33-48C + [7] G61MPV-60C	[4] **39L72** - order separately
		57,500	16.9	14.70	11.00	5280	[6] C33-60D + G60UHV-60D-135	[4] **39L72** - order separately
		57,500	16.9	14.75	11.10	5175	[6] C33-50/60C + [7] G60UHV-60C	[4] **39L72** - order separately
		57,500	16.9	14.85	11.00	5240	[6] C33-50/60C + [7] G61MPV-60C	[4] **39L72** - order separately
		58,000	17.0	15.00	11.00	5285	[6] C33-60D + G61MPV-60D-135	[4] **39L72** - order separately
		59,000	17.3	15.05	11.35	5200	[6] C33-62D + G60UHV-60D-135	[4] **39L72** - order separately
		59,000	17.3	15.30	11.10	5310	[6] C33-62D + G61MPV-60D-135	[4] **39L72** - order separately
	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
	Down-Flow Indoor Coils/ Furnace	55,500	16.3	14.35	10.65	5215	[6] CR26-48N-F + [7] G60DFV-60C	**39L72** - order separately
		57,000	16.7	14.85	11.00	5220	[6] CR26-60W-F + G60DFV-60D-135	**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	[4] **39L72** - order separately
		58,500	17.1	14.00	11.00	5330	[5] CH33-62D-2F	[4] **39L72** - order separately
		58,500	17.1	14.05	11.00	5335	[5] CH33-50/60C-2F	[4] **39L72** - order separately
		59,000	17.3	14.15	11.05	5345	[5] CH23-68	**39L72** - order separately
	Horizontal Indoor Coils/ Furnace	58,000	17.0	14.90	11.20	5185	[6] CH33-50/60C-2F + [7] G60UHV-60C	[4] **39L72** - order separately
		58,000	17.0	14.90	11.20	5180	[6] CH33-60D-2F + G60UHV-60D-135	[4] **39L72** - order separately
		58,000	17.0	15.00	11.00	5255	[6] CH33-50/60C-2F + [7] G61MPV-60C	[4] **39L72** - order separately
		58,000	17.0	15.15	11.00	5290	[6] CH33-60D-2F + G61MPV-60D-135	[4] **39L72** - order separately
		58,500	17.1	15.00	11.25	5190	[6] CH33-62D-2F + G60UHV-60D-135	[4] **39L72** - order separately
		58,500	17.1	15.20	11.00	5300	[6] CH33-62D-2F + G61MPV-60D-135	[4] **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
		57,500	16.9	15.25	11.00	5285	[6] CB31MV-51 (Multi-Position)	[4] **39L72** - order separately
		58,000	17.0	14.30	11.00	5325	[5] CB30M-65 (Multi-Position)	[4] **39L72** - order separately
		58,000	17.0	14.40	11.00	5290	[5] CB30U-65 (Up-Flow)	[4] **39L72** - order separately
		58,000	17.0	15.30	11.00	5295	[6] CB31MV-65 (Multi-Position)	[4] **39L72** - order separately

NOTE - Ratings for all C33 Indoor Coils include all cased and uncased Indoor 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 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.

7 Includes all heat sizes for this model

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-30A/B/C-6F] [C33-30A/B/C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-30A/B/C-6F] [C33-30A/B/C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-36A/B/C-6F] [CX34-42B-6F] [C33-36A/B/C] [C33-42B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-36A/B/C-6F] [CX34-42B-6F] [C33-36A/B/C] [C33-42B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38A/B-6F] [C33-38A/B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38A/B-6F] [C33-38A/B]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [C26-41]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [C26-41]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [C26-46]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [C26-46]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [C33-44C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [C33-44C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-36A-6F + G60UHV-36A-070] [C33-36A + G60UHV-36A-070]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-36A-6F + G60UHV-36A-070] [C33-36A + G60UHV-36A-070]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-36B-6F + G60UHV-36B-090] [CX34-42B-6F + G60UHV-36B-090] [C33-36B + G60UHV-36B-090] [C33-42B + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-36B-6F + G60UHV-36B-090] [CX34-42B-6F + G60UHV-36B-090] [C33-36B + G60UHV-36B-090] [C33-42B + G60UHV-36B-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38A-6F + G60UHV-36A-070] [C33-38A + G60UHV-36A-070]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38A-6F + G60UHV-36A-070] [C33-38A + G60UHV-36A-070]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38B-6F + G60UHV-36B-090] [C33-38B + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38B-6F + G60UHV-36B-090] [C33-38B + G60UHV-36B-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38B-6F + G61MPV-36B-045] [C33-38B + G61MPV-36B-045]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38B-6F + G61MPV-36B-045] [C33-38B + G61MPV-36B-045]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38B-6F + G61MPV-36B-070] [C33-38B + G61MPV-36B-070]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-38B-6F + G61MPV-36B-070] [C33-38B + G61MPV-36B-070]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CX34-42B-6F + G61MPV-36B-045] [C33-42B + G61MPV-36B-045]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CX34-42B-6F + G61MPV-36B-045] [C33-42B + G61MPV-36B-045]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CR26-30N-F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CR26-30N-F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CR26-36N/W-F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CR26-36N/W-F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH23-41]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH23-41]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH23-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH23-51]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-24/30A-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-24/30A-2F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36A-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36A-2F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36B-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36B-2F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36C-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36C-2F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36A-2F + G60UHV-36A-070]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36A-2F + G60UHV-36A-070]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36B-2F + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-36B-2F + G60UHV-36B-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-42B-2F + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-42B-2F + G60UHV-36B-090]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-42B-2F + G61MPV-36B-045]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-42B-2F + G61MPV-36B-045]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-42B-2F + G61MPV-36B-070]

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)	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	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)	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	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)	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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-42B-2F + G61MPV-36B-070]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CH33-44/48B-2F + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CH33-44/48B-2F + G60UHV-36B-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CBX32MV-018/024]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CBX32MV-018/024]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CBX32MV-024/030]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CBX32MV-024/030]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CBX32MV-036] [CB31MV-41]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CBX32MV-036] [CB31MV-41]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CBX32M-030] [CB30M-31] [CB30U-31]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CBX32M-030] [CB30M-31] [CB30U-31]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CBX32M-036] [CB30M-41]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CBX32M-036] [CB30M-41]

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

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CBX32M-042] [CB30U-41/46]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CBX32M-042] [CB30U-41/46]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-024 with [CB30M-46]

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

SECOND STAGE COOLING CAPACITY - HSXA16-024 with [CB30M-46]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-36A/B/C-6F] [C33-36A/B/C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-36A/B/C-6F] [C33-36A/B/C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-38A/B-6F] [C33-38A/B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-38A/B-6F] [C33-38A/B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-42B-6F] [C33-42B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-42B-6F] [C33-42B]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-44/48B/C-6F] [C33-48B/C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-44/48B/C-6F] [C33-48B/C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-50/60C-6F] [C33-50/60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-50/60C-6F] [C33-50/60C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [C33-44C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [C33-44C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-36A/B-6F + G60UHV-36A/B] [CX34-42B-6F + G60UHV-36B-090] [C33-36A/B + G60UHV-36A/B] [C33-42B + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-36A/B-6F + G60UHV-36A/B] [CX34-42B-6F + G60UHV-36B-090] [C33-36A/B + G60UHV-36A/B] [C33-42B + G60UHV-36B-090]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-36B-6F + G61MPV-36B] [CX34-42B-6F + G61MPV-36B] [C33-36B + G61MPV-36B] [C33-42B + G61MPV-36B]

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 Coolng Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-36B-6F + G61MPV-36B] [CX34-42B-6F + G61MPV-36B] [C33-36B + G61MPV-36B] [C33-42B + G61MPV-36B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-38A/B-6F + G60UHV-36A/B] [C33-38A/B + G60UHV-36A/B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-38A/B-6F + G60UHV-36A/B] [C33-38A/B + G60UHV-36A/B]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-38B-6F + G61MPV-36B] [C33-38B + G61MPV-36B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-38B-6F + G61MPV-36B] [C33-38B + G61MPV-36B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-44/48B-6F + G60UHV-36B-090] [C33-48B + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-44/48B-6F + G60UHV-36B-090] [C33-48B + G60UHV-36B-090]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-44/48B-6F + G61MPV-36B] [C33-48B + G61MPV-36B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-44/48B-6F + G61MPV-36B] [C33-48B + G61MPV-36B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-50/60C-6F + G60UHV-60C] [C33-50/60C + G60UHV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-50/60C-6F + G60UHV-60C] [C33-50/60C + G60UHV-60C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CX34-50/60C-6F + G61MPV-36C-090] [C33-50/60C + G61MPV-36C-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CX34-50/60C-6F + G61MPV-36C-090] [C33-50/60C + G61MPV-36C-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CR26-36N/W-F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CR26-36N/W-F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CR26-48N/W-F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CR26-48N/W-F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CR26-36W-F + G60DFV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CR26-36W-F + G60DFV-36B-090]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CR26-48N-F + G60DFV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CR26-48N-F + G60DFV-36B-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH23-41]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH23-41]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH23-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH23-51]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-36A/B/C-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-36A/B/C-2F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-42B-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-42B-2F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-48C-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-48C-2F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-36A/B-2F + G60UHV-36A/B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-36A/B-2F + G60UHV-36A/B]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-36B-2F + G61MPV-36B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-36B-2F + G61MPV-36B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-42B-2F + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-42B-2F + G60UHV-36B-090]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-42B-2F + G61MPV-36B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-42B-2F + G61MPV-36B]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-44/48B-2F + G61MPV-36B]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-44/48B-2F + G61MPV-36B]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CH33-48C-2F + G60UHV-36B-090]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CH33-48C-2F + G60UHV-36B-090]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CBX32MV-024/030]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CBX32MV-024/030]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CBX32MV-036] [CB31MV-41]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CBX32MV-036] [CB31MV-41]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CBX32MV-048] [CB31MV-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CBX32MV-048] [CB31MV-51]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CBX32M-030] [CB30M-31]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CBX32M-030] [CB30M-31]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CBX32M-036] [CBX32M-042] [CB30M-41] [CB30M-46]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CBX32M-036] [CBX32M-042] [CB30M-41] [CB30M-46]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CBX32M-048] [CB30M-51] [CB30U-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CBX32M-048] [CB30M-51] [CB30U-51]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CB30U-31]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CB30U-31]

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

FIRST STAGE COOLING CAPACITY - HSXA16-036 with [CB30U-41/46]

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

SECOND STAGE COOLING CAPACITY - HSXA16-036 with [CB30U-41/46]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-44/48B/C-6F] [C33-48B/C]

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	34.0	10.0	1.91	.78	.92	1.00	32.6	9.6	2.20	.80	.94	1.00	30.8	9.0	2.54	.82	.97	1.00	29.0	8.5	2.92	.84	.99	1.00
	1200	565	34.8	10.2	1.91	.80	.95	1.00	33.2	9.7	2.20	.82	.97	1.00	31.4	9.2	2.53	.84	.99	1.00	29.6	8.7	2.92	.86	1.00	1.00
	1300	615	35.4	10.4	1.91	.82	.97	1.00	33.8	9.9	2.19	.84	.99	1.00	32.0	9.4	2.53	.86	1.00	1.00	30.4	8.9	2.91	.89	1.00	1.00
67°F (19°C)	1100	520	36.4	10.7	1.90	.62	.76	.88	34.6	10.1	2.19	.63	.77	.91	32.8	9.6	2.52	.64	.79	.93	31.0	9.1	2.91	.66	.81	.96
	1200	565	37.0	10.8	1.90	.63	.77	.91	35.2	10.3	2.18	.64	.79	.93	33.4	9.8	2.51	.66	.81	.96	31.4	9.2	2.89	.67	.83	.99
	1300	615	37.6	11.0	1.90	.64	.79	.94	35.8	10.5	2.18	.65	.81	.96	34.0	10.0	2.51	.67	.83	.98	32.0	9.4	2.89	.68	.86	1.00
71°F (22°C)	1100	520	38.5	11.3	1.89	.48	.60	.73	37.0	10.8	2.17	.48	.62	.74	35.0	10.3	2.50	.49	.63	.76	33.0	9.7	2.88	.49	.64	.79
	1200	565	39.5	11.6	1.89	.48	.62	.75	37.6	11.0	2.17	.49	.63	.76	35.6	10.4	2.50	.49	.64	.78	33.6	9.8	2.87	.50	.65	.81
	1300	615	40.0	11.7	1.89	.49	.63	.77	38.0	11.1	2.17	.49	.64	.78	36.2	10.6	2.49	.50	.65	.80	34.0	10.0	2.87	.50	.67	.83

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-44/48B/C-6F] [C33-48B/C]

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	2.94	.76	.88	1.00	45.0	13.2	3.29	.76	.90	1.00	42.5	12.5	3.68	.78	.93	1.00	40.0	11.7	4.12	.80	.95	1.00
	1600	755	48.0	14.1	2.96	.78	.92	1.00	46.0	13.5	3.31	.79	.94	1.00	44.0	12.9	3.70	.81	.96	1.00	41.5	12.2	4.14	.83	.99	1.00
	1800	850	49.5	14.5	2.97	.80	.95	1.00	47.0	13.8	3.33	.82	.97	1.00	45.0	13.2	3.72	.84	.99	1.00	42.0	12.3	4.15	.86	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.97	.60	.73	.85	47.5	13.9	3.33	.61	.74	.87	45.0	13.2	3.72	.62	.76	.89	42.5	12.5	4.16	.64	.78	.92
	1600	755	51.0	14.9	2.99	.62	.75	.88	49.0	14.4	3.35	.63	.77	.91	46.5	13.6	3.74	.64	.79	.93	43.5	12.7	4.17	.65	.81	.96
	1800	850	52.0	15.2	3.00	.64	.78	.92	50.0	14.7	3.36	.65	.80	.94	47.5	13.9	3.75	.66	.82	.97	44.5	13.0	4.19	.67	.84	.99
71°F (22°C)	1400	660	52.5	15.4	3.01	.47	.59	.70	50.0	14.7	3.36	.48	.60	.72	48.0	14.1	3.76	.48	.61	.73	45.0	13.2	4.20	.49	.62	.75
	1600	755	54.0	15.8	3.03	.48	.60	.73	51.5	15.1	3.38	.48	.61	.74	49.0	14.4	3.78	.49	.63	.76	46.5	13.6	4.22	.49	.64	.78
	1800	850	55.0	16.1	3.04	.48	.62	.76	53.0	15.5	3.40	.49	.63	.77	50.0	14.7	3.79	.50	.65	.79	47.5	13.9	4.23	.50	.66	.82

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-50/60C-6F] [C33-50/60C]

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	34.4	10.1	1.91	.79	.93	1.00	32.8	9.6	2.20	.80	.95	1.00	31.2	9.1	2.53	.82	.98	1.00	29.4	8.6	2.92	.85	1.00	1.00
	1200	565	35.2	10.3	1.91	.81	.95	1.00	33.6	9.8	2.19	.82	.98	1.00	31.8	9.3	2.53	.84	1.00	1.00	30.2	8.9	2.91	.87	1.00	1.00
	1300	615	35.8	10.5	1.90	.82	.98	1.00	34.2	10.0	2.19	.84	1.00	1.00	32.6	9.6	2.52	.87	1.00	1.00	30.8	9.0	2.90	.89	1.00	1.00
67°F (19°C)	1100	520	36.8	10.8	1.90	.62	.76	.89	35.0	10.3	2.19	.63	.77	.91	33.2	9.7	2.51	.65	.79	.94	31.2	9.1	2.90	.66	.81	.97
	1200	565	37.4	11.0	1.90	.64	.78	.92	35.6	10.4	2.18	.65	.79	.94	33.8	9.9	2.51	.66	.81	.97	31.8	9.3	2.89	.67	.84	.99
	1300	615	38.0	11.1	1.89	.65	.80	.94	36.2	10.6	2.18	.65	.82	.97	34.4	10.1	2.50	.67	.84	.99	32.4	9.5	2.88	.69	.87	1.00
71°F (22°C)	1100	520	39.0	11.4	1.89	.48	.61	.73	37.4	11.0	2.17	.48	.62	.75	35.4	10.4	2.50	.49	.63	.76	33.4	9.8	2.88	.50	.64	.79
	1200	565	40.0	11.7	1.89	.48	.62	.75	38.0	11.1	2.17	.49	.63	.77	36.0	10.6	2.49	.50	.64	.78	34.0	10.0	2.87	.50	.66	.81
	1300	615	40.5	11.9	1.89	.49	.63	.77	38.5	11.3	2.17	.50	.64	.79	36.6	10.7	2.49	.50	.66	.81	34.4	10.1	2.87	.50	.67	.84

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-50/60C-6F] [C33-50/60C]

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	2.95	.76	.89	1.00	45.5	13.3	3.30	.77	.91	1.00	43.0	12.6	3.69	.79	.93	1.00	40.5	11.9	4.13	.81	.96	1.00
	1600	755	49.0	14.4	2.96	.78	.93	1.00	46.5	13.6	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.97	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1800	850	50.0	14.7	2.98	.81	.96	1.00	47.5	13.9	3.33	.83	.98	1.00	45.5	13.3	3.72	.85	1.00	1.00	43.0	12.6	4.16	.87	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.98	.61	.74	.85	48.0	14.1	3.34	.61	.74	.87	45.5	13.3	3.73	.63	.76	.90	43.0	12.6	4.17	.64	.78	.92
	1600	755	51.5	15.1	3.00	.62	.76	.89	49.5	14.5	3.35	.63	.78	.91	47.0	13.8	3.74	.65	.79	.94	44.0	12.9	4.18	.66	.81	.97
	1800	850	53.0	15.5	3.01	.64	.79	.93	50.5	14.8	3.37	.65	.80	.95	48.0	14.1	3.76	.66	.82	.98	45.0	13.2	4.20	.68	.85	1.00
71°F (22°C)	1400	660	53.0	15.5	3.02	.47	.59	.71	51.0	14.9	3.37	.47	.60	.72	48.5	14.2	3.77	.48	.61	.74	46.0	13.5	4.21	.49	.62	.76
	1600	755	54.5	16.0	3.04	.48	.61	.73	52.5	15.4	3.39	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.0	13.8	4.23	.50	.65	.79
	1800	850	56.0	16.4	3.05	.49	.63	.76	53.5	15.7	3.41	.49	.64	.78	51.0	14.9	3.80	.50	.65	.80	48.0	14.1	4.24	.51	.67	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-60D-6F] [C33-60D]

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	1.91	.79	.94	1.00	33.4	9.8	2.20	.81	.96	1.00	31.6	9.3	2.53	.83	.99	1.00	29.8	8.7	2.91	.86	1.00	1.00
	1200	565	35.6	10.4	1.90	.81	.97	1.00	34.0	10.0	2.19	.83	.99	1.00	32.4	9.5	2.52	.86	1.00	1.00	30.8	9.0	2.90	.88	1.00	1.00
	1300	615	36.4	10.7	1.90	.83	.99	1.00	34.6	10.1	2.19	.85	1.00	1.00	33.2	9.7	2.51	.88	1.00	1.00	31.6	9.3	2.89	.91	1.00	1.00
67°F (19°C)	1100	520	37.2	10.9	1.90	.63	.77	.90	35.4	10.4	2.18	.64	.79	.92	33.6	9.8	2.51	.65	.80	.95	31.6	9.3	2.89	.66	.83	.98
	1200	565	38.0	11.1	1.90	.64	.79	.93	36.2	10.6	2.18	.65	.81	.95	34.4	10.1	2.51	.67	.83	.98	32.2	9.4	2.89	.68	.86	1.00
	1300	615	38.5	11.3	1.89	.66	.81	.96	36.8	10.8	2.17	.67	.83	.98	34.8	10.2	2.50	.68	.85	1.00	32.8	9.6	2.88	.71	.88	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.48	.61	.74	37.8	11.1	2.17	.48	.62	.76	35.8	10.5	2.49	.49	.64	.78	33.8	9.9	2.87	.50	.65	.80
	1200	565	40.5	11.9	1.89	.49	.63	.76	38.5	11.3	2.17	.49	.64	.78	36.6	10.7	2.49	.50	.65	.80	34.4	10.1	2.87	.50	.66	.83
	1300	615	41.0	12.0	1.89	.49	.64	.78	39.0	11.4	2.17	.50	.65	.80	37.0	10.8	2.49	.50	.66	.82	34.8	10.2	2.86	.51	.68	.85

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-60D-6F] [C33-60D]

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	2.96	.77	.90	1.00	46.0	13.5	3.31	.78	.92	1.00	44.0	12.9	3.70	.80	.95	1.00	41.5	12.2	4.14	.82	.98	1.00
	1600	755	49.5	14.5	2.97	.79	.94	1.00	47.5	13.9	3.33	.81	.96	1.00	45.0	13.2	3.72	.83	.99	1.00	42.5	12.5	4.15	.86	1.00	1.00
	1800	850	51.0	14.9	2.99	.82	.98	1.00	48.5	14.2	3.34	.84	1.00	1.00	46.0	13.5	3.74	.86	1.00	1.00	44.0	12.9	4.18	.89	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.99	.61	.74	.87	48.5	14.2	3.34	.62	.76	.89	46.5	13.6	3.74	.63	.77	.91	44.0	12.9	4.18	.65	.80	.94
	1600	755	52.5	15.4	3.01	.63	.77	.91	50.0	14.7	3.37	.64	.79	.93	47.5	13.9	3.75	.65	.81	.96	45.0	13.2	4.20	.66	.83	.98
	1800	850	53.5	15.7	3.02	.65	.80	.94	51.5	15.1	3.38	.66	.82	.97	48.5	14.2	3.77	.67	.84	.99	46.0	13.5	4.21	.69	.87	1.00
71°F (22°C)	1400	660	54.0	15.8	3.03	.47	.60	.72	51.5	15.1	3.38	.48	.60	.73	49.5	14.5	3.78	.48	.62	.75	46.5	13.6	4.22	.49	.63	.77
	1600	755	55.5	16.3	3.05	.48	.62	.75	53.0	15.5	3.40	.49	.63	.76	50.5	14.8	3.80	.49	.64	.78	47.5	13.9	4.24	.50	.66	.81
	1800	850	57.0	16.7	3.06	.49	.64	.78	54.5	16.0	3.42	.49	.65	.79	51.5	15.1	3.81	.50	.66	.82	48.5	14.2	4.25	.51	.68	.84

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-62D-6F] [C33-62D]

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	1.91	.79	.94	1.00	33.6	9.8	2.20	.81	.96	1.00	31.8	9.3	2.53	.83	.99	1.00	30.0	8.8	2.91	.86	1.00	1.00
	1200	565	35.8	10.5	1.90	.81	.97	1.00	34.2	10.0	2.19	.83	.99	1.00	32.4	9.5	2.52	.85	1.00	1.00	30.8	9.0	2.90	.88	1.00	1.00
	1300	615	36.6	10.7	1.90	.83	.99	1.00	34.8	10.2	2.19	.85	1.00	1.00	33.4	9.8	2.51	.88	1.00	1.00	31.6	9.3	2.90	.91	1.00	1.00
67°F (19°C)	1100	520	37.2	10.9	1.90	.63	.77	.90	35.6	10.4	2.18	.64	.78	.92	33.8	9.9	2.51	.65	.80	.95	31.8	9.3	2.89	.66	.83	.98
	1200	565	38.0	11.1	1.89	.64	.79	.93	36.4	10.7	2.18	.65	.80	.95	34.4	10.1	2.51	.66	.82	.98	32.4	9.5	2.89	.68	.85	1.00
	1300	615	39.0	11.4	1.89	.66	.81	.95	37.0	10.8	2.17	.66	.82	.98	35.0	10.3	2.50	.68	.85	1.00	33.0	9.7	2.88	.70	.88	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.48	.60	.74	37.8	11.1	2.17	.48	.61	.76	35.8	10.5	2.49	.49	.63	.78	33.8	9.9	2.87	.50	.65	.80
	1200	565	40.5	11.9	1.89	.48	.62	.76	38.5	11.3	2.17	.49	.64	.78	36.6	10.7	2.49	.50	.65	.80	34.6	10.1	2.87	.50	.67	.82
	1300	615	41.0	12.0	1.88	.49	.64	.78	39.0	11.4	2.16	.50	.65	.80	37.2	10.9	2.48	.50	.66	.82	35.0	10.3	2.86	.52	.68	.85

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-62D-6F] [C33-62D]

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	2.96	.76	.90	1.00	46.5	13.6	3.32	.78	.92	1.00	44.0	12.9	3.71	.80	.94	1.00	41.5	12.2	4.15	.82	.97	1.00
	1600	755	50.0	14.7	2.98	.79	.94	1.00	48.0	14.1	3.33	.81	.96	1.00	45.5	13.3	3.72	.83	.99	1.00	43.0	12.6	4.16	.85	1.00	1.00
	1800	850	51.5	15.1	2.99	.82	.98	1.00	49.0	14.4	3.35	.84	1.00	1.00	46.5	13.6	3.74	.86	1.00	1.00	44.5	13.0	4.19	.89	1.00	1.00
67°F (19°C)	1400	660	51.5	15.1	2.99	.61	.74	.86	49.0	14.4	3.35	.62	.75	.88	47.0	13.8	3.74	.63	.77	.91	44.0	12.9	4.19	.65	.79	.94
	1600	755	53.0	15.5	3.02	.63	.77	.90	50.5	14.8	3.37	.64	.79	.93	48.0	14.1	3.76	.65	.81	.95	45.5	13.3	4.20	.67	.83	.98
	1800	850	54.0	15.8	3.03	.65	.80	.94	52.0	15.2	3.39	.66	.82	.97	49.0	14.4	3.78	.67	.84	.99	46.5	13.6	4.22	.69	.87	1.00
71°F (22°C)	1400	660	54.5	16.0	3.03	.47	.60	.72	52.0	15.2	3.39	.48	.60	.73	49.5	14.5	3.78	.48	.62	.75	46.5	13.6	4.22	.49	.63	.77
	1600	755	56.0	16.4	3.05	.48	.62	.75	53.5	15.7	3.41	.49	.63	.76	51.0	14.9	3.80	.49	.64	.78	48.0	14.1	4.24	.50	.65	.80
	1800	850	57.0	16.7	3.07	.49	.64	.78	54.5	16.0	3.42	.50	.65	.79	52.0	15.2	3.82	.50	.66	.81	49.0	14.4	4.26	.51	.68	.84

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-44/48C-6F + G60UHV-60C] [C33-48C + G60UHV-60C]

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)	1016	480	33.2	9.7	1.92	.76	.89	1.00	31.8	9.3	2.21	.77	.91	1.00	30.0	8.8	2.54	.79	.94	1.00	28.2	8.3	2.94	.81	.97	1.00
	1140	540	34.2	10.0	1.91	.78	.92	1.00	32.6	9.6	2.20	.80	.95	1.00	31.0	9.1	2.54	.82	.97	1.00	29.0	8.5	2.92	.84	1.00	1.00
	1283	605	35.2	10.3	1.91	.81	.96	1.00	33.4	9.8	2.19	.82	.98	1.00	31.8	9.3	2.53	.84	1.00	1.00	30.0	8.8	2.92	.88	1.00	1.00
67°F (19°C)	1016	480	35.6	10.4	1.90	.60	.73	.85	33.8	9.9	2.19	.61	.75	.87	32.2	9.4	2.52	.62	.76	.90	30.2	8.9	2.91	.63	.78	.93
	1140	540	36.4	10.7	1.90	.62	.75	.89	34.8	10.2	2.19	.63	.77	.91	33.0	9.7	2.52	.64	.79	.93	31.0	9.1	2.90	.65	.81	.96
	1283	605	37.4	11.0	1.90	.63	.78	.92	35.6	10.4	2.18	.64	.80	.95	33.8	9.9	2.51	.65	.82	.97	31.8	9.3	2.89	.67	.84	1.00
71°F (22°C)	1016	480	37.8	11.1	1.90	.46	.58	.70	36.0	10.6	2.18	.47	.59	.72	34.2	10.0	2.50	.47	.61	.73	32.4	9.5	2.89	.48	.62	.76
	1140	540	39.0	11.4	1.89	.47	.60	.73	37.0	10.8	2.17	.47	.61	.74	35.2	10.3	2.50	.48	.62	.76	33.0	9.7	2.88	.48	.64	.79
	1283	605	40.0	11.7	1.89	.48	.62	.75	38.0	11.1	2.17	.48	.63	.77	36.0	10.6	2.49	.49	.64	.79	33.8	9.9	2.87	.49	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-44/48C-6F + G60UHV-60C] [C33-48C + G60UHV-60C]

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)	1458	690	47.0	13.8	2.94	.76	.89	1.00	45.0	13.2	3.30	.77	.91	1.00	43.0	12.6	3.69	.79	.93	1.00	40.5	11.9	4.13	.81	.96	1.00
	1635	770	48.5	14.2	2.96	.78	.92	1.00	46.0	13.5	3.31	.80	.94	1.00	44.0	12.9	3.70	.81	.97	1.00	41.5	12.2	4.14	.84	.99	1.00
	1853	875	49.5	14.5	2.97	.81	.96	1.00	47.5	13.9	3.33	.83	.98	1.00	45.0	13.2	3.72	.85	1.00	1.00	42.5	12.5	4.16	.87	1.00	1.00
67°F (19°C)	1458	690	50.0	14.7	2.98	.60	.73	.86	47.5	13.9	3.33	.61	.74	.87	45.5	13.3	3.72	.62	.76	.90	43.0	12.6	4.16	.64	.78	.92
	1635	770	51.0	14.9	2.99	.62	.75	.89	49.0	14.4	3.35	.63	.77	.91	46.5	13.6	3.74	.64	.79	.93	43.5	12.7	4.18	.65	.81	.96
	1853	875	52.5	15.4	3.01	.64	.79	.93	50.0	14.7	3.36	.65	.80	.95	47.5	13.9	3.75	.66	.82	.97	44.5	13.0	4.19	.67	.85	1.00
71°F (22°C)	1458	690	53.0	15.5	3.01	.47	.59	.71	50.5	14.8	3.37	.47	.60	.72	48.0	14.1	3.76	.48	.61	.74	45.5	13.3	4.21	.48	.62	.75
	1635	770	54.0	15.8	3.03	.47	.60	.73	51.5	15.1	3.38	.48	.61	.75	49.5	14.5	3.78	.48	.63	.76	46.5	13.6	4.22	.49	.64	.79
	1853	875	55.5	16.3	3.05	.48	.62	.76	53.0	15.5	3.40	.49	.64	.78	50.5	14.8	3.79	.50	.65	.80	47.5	13.9	4.24	.50	.66	.82

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-44/48C-6F + G61MPV-60C] [C33-48C + G61MPV-60C]

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)	960	455	34.2	10.0	1.66	.74	.86	.98	32.8	9.6	1.92	.75	.88	1.00	31.2	9.1	2.21	.76	.90	1.00	29.8	8.7	2.54	.78	.92	1.00
	1090	515	35.4	10.4	1.65	.76	.89	1.00	33.8	9.9	1.91	.77	.91	1.00	32.2	9.4	2.20	.79	.94	1.00	30.6	9.0	2.53	.81	.96	1.00
	1215	575	36.2	10.6	1.65	.78	.92	1.00	34.8	10.2	1.91	.80	.95	1.00	33.2	9.7	2.20	.81	.97	1.00	31.4	9.2	2.53	.83	.99	1.00
67°F (19°C)	960	455	36.4	10.7	1.65	.59	.71	.83	35.0	10.3	1.91	.59	.72	.84	33.4	9.8	2.20	.60	.73	.86	31.8	9.3	2.53	.62	.75	.88
	1090	515	37.6	11.0	1.65	.60	.73	.86	36.0	10.6	1.90	.61	.75	.88	34.4	10.1	2.19	.62	.76	.90	32.6	9.6	2.52	.63	.78	.92
	1215	575	38.5	11.3	1.64	.62	.76	.89	37.0	10.8	1.90	.63	.77	.91	35.2	10.3	2.18	.64	.78	.93	33.4	9.8	2.51	.65	.81	.96
71°F (22°C)	960	455	39.0	11.4	1.64	.46	.57	.68	37.2	10.9	1.90	.46	.58	.69	35.6	10.4	2.18	.46	.58	.71	33.8	9.9	2.51	.47	.60	.72
	1090	515	40.0	11.7	1.64	.46	.59	.71	38.5	11.3	1.89	.47	.59	.72	36.8	10.8	2.18	.47	.60	.73	34.8	10.2	2.50	.48	.62	.75
	1215	575	41.0	12.0	1.64	.47	.60	.73	39.5	11.6	1.89	.47	.61	.74	37.6	11.0	2.17	.48	.62	.76	35.6	10.4	2.50	.49	.63	.78

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-44/48C-6F + G61MPV-60C] [C33-48C + G61MPV-60C]

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)	1380	650	46.5	13.6	2.94	.75	.88	.99	44.5	13.0	3.29	.76	.89	1.00	42.5	12.5	3.68	.78	.92	1.00	40.0	11.7	4.12	.80	.94	1.00
	1590	750	48.0	14.1	2.95	.77	.91	1.00	46.0	13.5	3.31	.79	.94	1.00	43.5	12.7	3.70	.81	.96	1.00	41.0	12.0	4.14	.83	.99	1.00
	1750	825	49.0	14.4	2.97	.80	.94	1.00	47.0	13.8	3.32	.81	.96	1.00	44.5	13.0	3.71	.83	.99	1.00	42.0	12.3	4.15	.86	1.00	1.00
67°F (19°C)	1380	650	49.5	14.5	2.97	.60	.72	.84	47.5	13.9	3.32	.61	.74	.86	45.0	13.2	3.72	.61	.75	.88	42.5	12.5	4.15	.63	.77	.91
	1590	750	51.0	14.9	2.99	.62	.75	.88	48.5	14.2	3.34	.62	.77	.90	46.0	13.5	3.74	.64	.78	.92	43.5	12.7	4.17	.65	.81	.95
	1750	825	52.0	15.2	3.00	.63	.77	.91	49.5	14.5	3.36	.64	.79	.93	47.0	13.8	3.75	.65	.81	.96	44.5	13.0	4.19	.67	.83	.98
71°F (22°C)	1380	650	52.0	15.2	3.01	.47	.58	.70	50.0	14.7	3.36	.47	.59	.71	47.5	13.9	3.75	.47	.60	.72	45.0	13.2	4.20	.48	.61	.74
	1590	750	54.0	15.8	3.03	.48	.60	.73	51.5	15.1	3.38	.48	.61	.74	49.0	14.4	3.77	.48	.62	.76	46.5	13.6	4.22	.49	.64	.78
	1750	825	55.0	16.1	3.04	.48	.61	.75	52.5	15.4	3.40	.49	.63	.77	50.0	14.7	3.79	.49	.64	.78	47.0	13.8	4.23	.50	.66	.81

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-50/60C-6F + G60UHV-60C] [C33-50/60C + G60UHV-60C]

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)	1016	480	33.6	9.8	1.92	.76	.90	1.00	32.0	9.4	2.20	.78	.92	1.00	30.4	8.9	2.54	.79	.94	1.00	28.6	8.4	2.93	.82	.97	1.00
	1140	540	34.6	10.1	1.91	.78	.93	1.00	33.0	9.7	2.20	.80	.95	1.00	31.2	9.1	2.53	.82	.98	1.00	29.4	8.6	2.92	.84	1.00	1.00
	1283	605	35.6	10.4	1.90	.81	.97	1.00	33.8	9.9	2.19	.83	.99	1.00	32.2	9.4	2.52	.85	1.00	1.00	30.6	9.0	2.91	.88	1.00	1.00
67°F (19°C)	1016	480	35.8	10.5	1.90	.60	.73	.85	34.2	10.0	2.19	.62	.75	.88	32.4	9.5	2.52	.62	.76	.90	30.6	9.0	2.91	.64	.79	.93
	1140	540	36.8	10.8	1.90	.62	.76	.89	35.2	10.3	2.19	.63	.77	.92	33.2	9.7	2.51	.64	.80	.94	31.4	9.2	2.90	.65	.82	.97
	1283	605	37.8	11.1	1.90	.64	.79	.93	36.0	10.6	2.18	.64	.80	.95	34.0	10.0	2.50	.66	.82	.98	32.0	9.4	2.89	.68	.85	1.00
71°F (22°C)	1016	480	38.0	11.1	1.89	.46	.58	.70	36.4	10.7	2.18	.47	.60	.72	34.6	10.1	2.50	.47	.61	.74	32.6	9.6	2.88	.48	.62	.76
	1140	540	39.0	11.4	1.89	.47	.60	.73	37.4	11.0	2.17	.48	.61	.74	35.6	10.4	2.50	.48	.63	.76	33.4	9.8	2.88	.49	.64	.78
	1283	605	40.0	11.7	1.89	.48	.62	.76	38.5	11.3	2.17	.48	.63	.77	36.4	10.7	2.49	.49	.64	.80	34.2	10.0	2.87	.49	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-50/60C-6F + G60UHV-60C] [C33-50/60C + G60UHV-60C]

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)	1458	690	47.5	13.9	2.95	.76	.89	1.00	45.5	13.3	3.30	.78	.92	1.00	43.5	12.7	3.69	.79	.94	1.00	41.0	12.0	4.13	.81	.97	1.00
	1635	770	49.0	14.4	2.97	.79	.93	1.00	46.5	13.6	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.98	1.00	41.5	12.2	4.14	.84	1.00	1.00
	1853	875	50.5	14.8	2.98	.81	.97	1.00	48.0	14.1	3.34	.83	.99	1.00	45.5	13.3	3.72	.85	1.00	1.00	43.0	12.6	4.17	.88	1.00	1.00
67°F (19°C)	1458	690	50.5	14.8	2.99	.61	.74	.86	48.5	14.2	3.34	.61	.75	.88	46.0	13.5	3.73	.63	.77	.90	43.5	12.7	4.17	.64	.79	.93
	1635	770	52.0	15.2	3.00	.62	.76	.89	49.5	14.5	3.35	.63	.78	.92	47.0	13.8	3.75	.64	.80	.94	44.0	12.9	4.19	.66	.82	.97
	1853	875	53.0	15.5	3.02	.64	.79	.94	50.5	14.8	3.37	.65	.81	.96	48.0	14.1	3.76	.66	.83	.98	45.0	13.2	4.20	.68	.86	1.00
71°F (22°C)	1458	690	53.5	15.7	3.02	.47	.59	.71	51.0	14.9	3.38	.47	.60	.72	49.0	14.4	3.77	.48	.61	.74	46.0	13.5	4.22	.48	.62	.76
	1635	770	55.0	16.1	3.04	.48	.61	.74	52.5	15.4	3.39	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.0	13.8	4.23	.49	.64	.79
	1853	875	56.5	16.6	3.06	.49	.63	.77	53.5	15.7	3.41	.49	.64	.79	51.0	14.9	3.80	.50	.65	.80	48.0	14.1	4.25	.51	.67	.83

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-50/60C-6F + G61MPV-60C] [C33-50/60C + G61MPV-60C]

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)	960	455	34.6	10.1	1.66	.74	.87	.99	33.2	9.7	1.92	.75	.88	1.00	31.6	9.3	2.21	.77	.90	1.00	30.0	8.8	2.55	.78	.93	1.00
	1090	515	35.8	10.5	1.65	.76	.90	1.00	34.2	10.0	1.91	.78	.92	1.00	32.6	9.6	2.20	.79	.94	1.00	31.0	9.1	2.53	.81	.97	1.00
	1215	575	36.6	10.7	1.65	.78	.93	1.00	35.2	10.3	1.91	.80	.95	1.00	33.4	9.8	2.20	.82	.98	1.00	31.6	9.3	2.53	.84	1.00	1.00
67°F (19°C)	960	455	37.0	10.8	1.65	.59	.71	.83	35.4	10.4	1.90	.60	.72	.85	33.8	9.9	2.19	.61	.74	.86	32.0	9.4	2.52	.62	.76	.89
	1090	515	38.0	11.1	1.64	.60	.74	.86	36.4	10.7	1.90	.62	.75	.88	34.8	10.2	2.19	.62	.76	.90	33.0	9.7	2.52	.64	.78	.93
	1215	575	39.0	11.4	1.64	.62	.76	.89	37.4	11.0	1.90	.63	.77	.92	35.6	10.4	2.18	.64	.79	.94	33.8	9.9	2.51	.65	.81	.96
71°F (22°C)	960	455	39.0	11.4	1.64	.46	.57	.69	37.6	11.0	1.90	.46	.58	.70	36.0	10.6	2.18	.46	.59	.71	34.2	10.0	2.51	.47	.60	.73
	1090	515	40.5	11.9	1.64	.46	.59	.71	39.0	11.4	1.89	.47	.60	.72	37.0	10.8	2.17	.47	.61	.74	35.2	10.3	2.50	.48	.62	.76
	1215	575	41.5	12.2	1.64	.47	.61	.73	40.0	11.7	1.89	.48	.61	.75	38.0	11.1	2.17	.48	.62	.76	36.0	10.6	2.49	.49	.63	.77

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-50/60C-6F + G61MPV-60C] [C33-50/60C + G61MPV-60C]

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)	1380	650	47.0	13.8	2.94	.75	.88	1.00	45.0	13.2	3.30	.76	.90	1.00	43.0	12.6	3.69	.78	.93	1.00	40.5	11.9	4.13	.80	.95	1.00
	1590	750	48.5	14.2	2.96	.78	.92	1.00	46.5	13.6	3.31	.80	.94	1.00	44.0	12.9	3.71	.81	.97	1.00	41.5	12.2	4.14	.84	.99	1.00
	1750	825	49.5	14.5	2.97	.80	.95	1.00	47.5	13.9	3.33	.82	.97	1.00	45.0	13.2	3.72	.84	.99	1.00	42.5	12.5	4.16	.87	1.00	1.00
67°F (19°C)	1380	650	50.0	14.7	2.98	.60	.73	.85	48.0	14.1	3.33	.61	.74	.87	45.5	13.3	3.73	.62	.76	.89	43.0	12.6	4.16	.63	.78	.92
	1590	750	51.5	15.1	3.00	.62	.75	.89	49.5	14.5	3.35	.63	.77	.91	47.0	13.8	3.75	.64	.79	.93	44.0	12.9	4.18	.65	.81	.96
	1750	825	52.5	15.4	3.01	.64	.78	.92	50.0	14.7	3.36	.65	.80	.94	47.5	13.9	3.76	.66	.81	.97	45.0	13.2	4.19	.67	.84	.99
71°F (22°C)	1380	650	53.0	15.5	3.02	.47	.59	.70	50.5	14.8	3.37	.47	.59	.72	48.0	14.1	3.76	.47	.60	.73	45.5	13.3	4.21	.48	.62	.75
	1590	750	54.5	16.0	3.03	.47	.60	.73	52.0	15.2	3.39	.48	.61	.75	49.5	14.5	3.79	.49	.63	.76	47.0	13.8	4.22	.49	.64	.79
	1750	825	55.5	16.3	3.05	.48	.62	.75	53.0	15.5	3.40	.49	.63	.77	50.5	14.8	3.80	.49	.65	.79	47.5	13.9	4.24	.50	.66	.81

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-60D-6F + G60UHV-60D-135] [C33-60D + G60UHV-60D-135]

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)	1066	505	34.4	10.1	1.91	.78	.92	1.00	32.8	9.6	2.20	.79	.94	1.00	31.2	9.1	2.53	.81	.97	1.00	29.4	8.6	2.92	.84	1.00	1.00
	1140	540	35.0	10.3	1.91	.79	.94	1.00	33.4	9.8	2.20	.81	.97	1.00	31.8	9.3	2.53	.83	.99	1.00	30.0	8.8	2.91	.86	1.00	1.00
	1219	575	35.8	10.5	1.90	.81	.97	1.00	34.0	10.0	2.19	.83	.99	1.00	32.4	9.5	2.52	.85	1.00	1.00	30.8	9.0	2.90	.88	1.00	1.00
67°F (19°C)	1066	505	36.6	10.7	1.90	.61	.75	.88	35.0	10.3	2.19	.62	.77	.91	33.2	9.7	2.51	.64	.79	.93	31.2	9.1	2.90	.65	.81	.96
	1140	540	37.2	10.9	1.90	.62	.77	.90	35.6	10.4	2.18	.64	.78	.93	33.8	9.9	2.51	.65	.81	.95	31.8	9.3	2.90	.66	.83	.98
	1219	575	38.0	11.1	1.90	.64	.79	.93	36.2	10.6	2.18	.65	.81	.95	34.2	10.0	2.51	.66	.82	.98	32.2	9.4	2.89	.68	.85	1.00
71°F (22°C)	1066	505	39.0	11.4	1.89	.47	.60	.72	37.4	11.0	2.17	.47	.61	.74	35.6	10.4	2.50	.48	.62	.76	33.4	9.8	2.88	.48	.63	.78
	1140	540	39.5	11.6	1.89	.47	.61	.73	38.0	11.1	2.17	.48	.62	.76	36.0	10.6	2.49	.48	.63	.78	34.0	10.0	2.87	.49	.65	.80
	1219	575	40.5	11.9	1.89	.48	.62	.76	38.5	11.3	2.17	.49	.64	.78	36.6	10.7	2.49	.49	.65	.80	34.4	10.1	2.87	.49	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-60D-6F + G60UHV-60D-135] [C33-60D + G60UHV-60D-135]

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)	1522	720	49.0	14.4	2.97	.78	.92	1.00	46.5	13.6	3.32	.79	.94	1.00	44.5	13.0	3.71	.81	.97	1.00	42.0	12.3	4.15	.84	.99	1.00
	1630	770	49.5	14.5	2.97	.79	.94	1.00	47.5	13.9	3.33	.81	.96	1.00	45.0	13.2	3.72	.83	.99	1.00	42.5	12.5	4.16	.86	1.00	1.00
	1763	830	50.5	14.8	2.98	.81	.97	1.00	48.0	14.1	3.34	.83	.99	1.00	46.0	13.5	3.73	.85	1.00	1.00	43.5	12.7	4.18	.88	1.00	1.00
67°F (19°C)	1522	720	51.5	15.1	3.00	.62	.75	.89	49.5	14.5	3.36	.63	.77	.91	47.0	13.8	3.75	.64	.79	.93	44.5	13.0	4.19	.65	.81	.96
	1630	770	52.5	15.4	3.01	.63	.77	.91	50.0	14.7	3.36	.64	.79	.93	47.5	13.9	3.76	.65	.81	.96	45.0	13.2	4.20	.66	.83	.99
	1763	830	53.5	15.7	3.02	.64	.79	.93	51.0	14.9	3.38	.65	.81	.96	48.5	14.2	3.77	.66	.83	.98	45.5	13.3	4.21	.68	.85	1.00
71°F (22°C)	1522	720	55.0	16.1	3.04	.47	.60	.73	52.5	15.4	3.39	.48	.61	.74	50.0	14.7	3.79	.48	.63	.76	47.0	13.8	4.23	.49	.64	.79
	1630	770	55.5	16.3	3.05	.48	.61	.75	53.5	15.7	3.41	.48	.63	.76	50.5	14.8	3.80	.49	.64	.78	47.5	13.9	4.24	.49	.65	.81
	1763	830	56.5	16.6	3.06	.48	.63	.77	54.0	15.8	3.42	.49	.64	.78	51.5	15.1	3.81	.49	.65	.80	48.5	14.2	4.25	.50	.67	.83

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-60D-6F + G61MPV-60D-135] [C33-60D + G61MPV-60D-135]

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	34.2	10.0	1.66	.73	.85	.97	32.8	9.6	1.92	.74	.87	.99	31.4	9.2	2.21	.75	.89	1.00	29.8	8.7	2.54	.77	.91	1.00
	1085	510	36.0	10.6	1.65	.77	.91	1.00	34.6	10.1	1.91	.78	.93	1.00	33.0	9.7	2.20	.80	.95	1.00	31.4	9.2	2.53	.82	.98	1.00
	1350	635	38.0	11.1	1.65	.82	.98	1.00	36.6	10.7	1.90	.84	.99	1.00	35.0	10.3	2.18	.85	1.00	1.00	33.4	9.8	2.51	.88	1.00	1.00
67°F (19°C)	885	420	36.4	10.7	1.65	.59	.70	.82	35.0	10.3	1.91	.59	.72	.83	33.4	9.8	2.19	.60	.73	.85	31.8	9.3	2.53	.61	.75	.87
	1085	510	38.5	11.3	1.64	.61	.74	.87	36.6	10.7	1.90	.62	.74	.89	35.2	10.3	2.18	.63	.77	.91	33.4	9.8	2.51	.64	.79	.94
	1350	635	40.5	11.9	1.64	.64	.80	.94	38.5	11.3	1.89	.65	.81	.96	36.8	10.8	2.17	.66	.83	.99	35.0	10.3	2.50	.68	.86	1.00
71°F (22°C)	885	420	39.0	11.4	1.64	.45	.57	.68	37.4	11.0	1.90	.46	.57	.69	35.8	10.5	2.18	.46	.58	.70	34.0	10.0	2.51	.47	.59	.72
	1085	510	41.0	12.0	1.64	.47	.59	.71	39.5	11.6	1.89	.47	.60	.73	37.6	11.0	2.17	.47	.61	.74	35.6	10.4	2.50	.48	.62	.76
	1350	635	43.0	12.6	1.64	.48	.63	.77	41.0	12.0	1.88	.49	.64	.79	39.5	11.6	2.16	.49	.65	.80	37.2	10.9	2.49	.49	.66	.83

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-60D-6F + G61MPV-60D-135] [C33-60D + G61MPV-60D-135]

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	2.95	.76	.89	1.00	46.0	13.5	3.31	.77	.91	1.00	43.5	12.7	3.70	.79	.94	1.00	41.0	12.0	4.14	.81	.97	1.00
	1600	755	49.5	14.5	2.97	.79	.94	1.00	47.5	13.9	3.33	.81	.96	1.00	45.0	13.2	3.72	.83	.99	1.00	42.5	12.5	4.15	.85	1.00	1.00
	1720	810	50.5	14.8	2.98	.81	.96	1.00	48.0	14.1	3.34	.83	.98	1.00	45.5	13.3	3.73	.85	1.00	1.00	43.5	12.7	4.17	.87	1.00	1.00
67°F (19°C)	1385	655	51.0	14.9	2.99	.60	.73	.86	48.5	14.2	3.34	.61	.75	.88	46.0	13.5	3.73	.63	.77	.90	43.5	12.7	4.18	.64	.79	.93
	1600	755	52.5	15.4	3.01	.63	.77	.90	50.0	14.7	3.36	.64	.79	.93	47.5	13.9	3.75	.65	.80	.95	45.0	13.2	4.20	.66	.83	.98
	1720	810	53.0	15.5	3.02	.64	.79	.93	51.0	14.9	3.37	.65	.81	.95	48.0	14.1	3.76	.66	.83	.98	45.5	13.3	4.20	.68	.85	1.00
71°F (22°C)	1385	655	54.0	15.8	3.03	.47	.59	.71	51.5	15.1	3.38	.47	.60	.72	49.0	14.4	3.78	.48	.61	.74	46.5	13.6	4.22	.48	.62	.76
	1600	755	55.5	16.3	3.05	.48	.61	.74	53.0	15.5	3.40	.48	.63	.76	50.5	14.8	3.80	.49	.64	.78	47.5	13.9	4.24	.49	.65	.80
	1720	810	56.5	16.6	3.06	.48	.63	.76	54.0	15.8	3.41	.49	.64	.78	51.0	14.9	3.81	.50	.65	.80	48.0	14.1	4.25	.50	.66	.83

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-62D-6F + G60UHV-60D-135] [C33-62D + G60UHV-60D-135]

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)	1066	505	34.6	10.1	1.91	.78	.92	1.00	33.0	9.7	2.20	.79	.94	1.00	31.4	9.2	2.53	.81	.97	1.00	29.4	8.6	2.92	.83	1.00	1.00
	1140	540	35.2	10.3	1.91	.79	.94	1.00	33.6	9.8	2.20	.81	.97	1.00	31.8	9.3	2.53	.83	.99	1.00	30.0	8.8	2.91	.86	1.00	1.00
	1219	575	36.0	10.6	1.90	.81	.97	1.00	34.2	10.0	2.19	.83	.99	1.00	32.4	9.5	2.52	.85	1.00	1.00	30.8	9.0	2.90	.88	1.00	1.00
67°F (19°C)	1066	505	36.8	10.8	1.90	.60	.75	.88	35.2	10.3	2.18	.62	.77	.90	33.4	9.8	2.51	.63	.79	.93	31.4	9.2	2.89	.65	.81	.96
	1140	540	37.4	11.0	1.90	.62	.77	.90	35.8	10.5	2.18	.63	.78	.93	34.0	10.0	2.51	.65	.80	.95	31.8	9.3	2.89	.66	.83	.98
	1219	575	38.0	11.1	1.89	.64	.79	.93	36.4	10.7	2.18	.65	.80	.95	34.4	10.1	2.50	.66	.82	.98	32.4	9.5	2.89	.68	.85	1.00
71°F (22°C)	1066	505	39.0	11.4	1.89	.47	.58	.72	37.4	11.0	2.17	.47	.61	.74	35.4	10.4	2.50	.47	.62	.76	33.4	9.8	2.88	.48	.63	.78
	1140	540	39.5	11.6	1.89	.47	.59	.74	38.0	11.1	2.17	.47	.62	.76	36.0	10.6	2.49	.48	.63	.78	33.8	9.9	2.87	.49	.64	.80
	1219	575	40.5	11.9	1.89	.48	.61	.76	38.5	11.3	2.17	.49	.63	.78	36.6	10.7	2.49	.49	.65	.80	34.6	10.1	2.87	.50	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-62D-6F + G60UHV-60D-135] [C33-62D + G60UHV-60D-135]

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)	1522	720	49.5	14.5	2.97	.78	.92	1.00	47.0	13.8	3.33	.79	.94	1.00	45.0	13.2	3.72	.81	.97	1.00	42.0	12.3	4.15	.83	.99	1.00
	1630	770	50.0	14.7	2.98	.79	.94	1.00	48.0	14.1	3.33	.81	.96	1.00	45.5	13.3	3.73	.83	.99	1.00	43.0	12.6	4.16	.85	1.00	1.00
	1763	830	51.0	14.9	2.99	.81	.97	1.00	48.5	14.2	3.35	.83	.99	1.00	46.0	13.5	3.74	.85	1.00	1.00	44.0	12.9	4.18	.88	1.00	1.00
67°F (19°C)	1522	720	52.0	15.2	3.01	.62	.75	.88	50.0	14.7	3.36	.63	.77	.91	47.5	13.9	3.76	.64	.79	.93	45.0	13.2	4.20	.65	.81	.96
	1630	770	53.0	15.5	3.02	.63	.77	.91	50.5	14.8	3.37	.64	.79	.93	48.0	14.1	3.76	.65	.81	.96	45.5	13.3	4.20	.66	.83	.98
	1763	830	54.0	15.8	3.03	.64	.79	.93	51.5	15.1	3.38	.65	.81	.96	49.0	14.4	3.77	.66	.83	.98	46.0	13.5	4.22	.68	.85	1.00
71°F (22°C)	1522	720	55.0	16.1	3.04	.47	.60	.73	53.0	15.5	3.40	.48	.61	.74	50.0	14.7	3.79	.48	.63	.76	47.5	13.9	4.24	.49	.64	.79
	1630	770	56.0	16.4	3.05	.48	.61	.74	53.5	15.7	3.41	.48	.62	.76	51.0	14.9	3.80	.49	.64	.78	48.0	14.1	4.24	.49	.65	.80
	1763	830	57.0	16.7	3.06	.48	.63	.77	54.5	16.0	3.42	.49	.64	.78	51.5	15.1	3.81	.49	.65	.80	48.5	14.2	4.25	.50	.67	.83

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CX34-62D-6F + G61MPV-60D-135] [C33-62D + G61MPV-60D-135]

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	1.66	.73	.85	.97	33.0	9.7	1.92	.74	.87	.99	31.6	9.3	2.21	.76	.89	1.00	29.8	8.7	2.55	.77	.91	1.00
	1085	510	36.2	10.6	1.65	.76	.90	1.00	34.8	10.2	1.91	.78	.92	1.00	33.2	9.7	2.20	.80	.95	1.00	31.6	9.3	2.53	.82	.97	1.00
	1350	635	38.5	11.3	1.65	.82	.98	1.00	36.6	10.7	1.90	.83	.99	1.00	35.0	10.3	2.18	.86	1.00	1.00	33.6	9.8	2.51	.88	1.00	1.00
67°F (19°C)	885	420	36.4	10.7	1.65	.59	.70	.82	35.0	10.3	1.91	.59	.71	.83	33.6	9.8	2.20	.60	.73	.85	31.8	9.3	2.52	.61	.74	.87
	1085	510	38.5	11.3	1.64	.60	.74	.86	37.0	10.8	1.90	.61	.75	.89	35.2	10.3	2.18	.63	.77	.91	33.6	9.8	2.51	.64	.79	.94
	1350	635	40.5	11.9	1.64	.64	.79	.94	39.0	11.4	1.89	.65	.81	.96	37.2	10.9	2.17	.66	.83	.99	35.2	10.3	2.50	.68	.85	1.00
71°F (22°C)	885	420	39.0	11.4	1.64	.46	.57	.68	37.4	11.0	1.90	.46	.58	.69	35.6	10.4	2.18	.46	.58	.70	34.0	10.0	2.51	.47	.59	.72
	1085	510	41.0	12.0	1.64	.47	.59	.71	39.5	11.6	1.89	.47	.60	.73	37.4	11.0	2.17	.47	.61	.74	35.6	10.4	2.50	.48	.62	.76
	1350	635	43.0	12.6	1.64	.48	.63	.77	41.5	12.2	1.88	.49	.64	.78	39.5	11.6	2.16	.48	.65	.80	37.4	11.0	2.48	.50	.67	.83

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CX34-62D-6F + G61MPV-60D-135] [C33-62D + G61MPV-60D-135]

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	2.96	.76	.89	1.00	46.0	13.5	3.31	.77	.91	1.00	44.0	12.9	3.70	.79	.94	1.00	41.5	12.2	4.14	.81	.97	1.00
	1600	755	50.0	14.7	2.98	.79	.94	1.00	48.0	14.1	3.33	.81	.96	1.00	45.5	13.3	3.72	.83	.98	1.00	42.5	12.5	4.16	.85	1.00	1.00
	1720	810	51.0	14.9	2.99	.81	.96	1.00	48.5	14.2	3.34	.83	.98	1.00	46.0	13.5	3.73	.85	1.00	1.00	44.0	12.9	4.18	.87	1.00	1.00
67°F (19°C)	1385	655	51.0	14.9	2.99	.60	.73	.86	49.0	14.4	3.35	.61	.75	.88	46.5	13.6	3.74	.63	.76	.90	44.0	12.9	4.18	.64	.79	.93
	1600	755	53.0	15.5	3.01	.63	.77	.90	50.5	14.8	3.37	.64	.78	.93	48.0	14.1	3.76	.65	.80	.95	45.0	13.2	4.20	.66	.83	.98
	1720	810	53.5	15.7	3.02	.64	.79	.93	51.5	15.1	3.38	.65	.80	.95	48.5	14.2	3.77	.66	.82	.98	46.0	13.5	4.21	.68	.85	1.00
71°F (22°C)	1385	655	54.0	15.8	3.03	.47	.59	.71	52.0	15.2	3.39	.47	.60	.72	49.5	14.5	3.78	.48	.61	.74	46.5	13.6	4.22	.48	.63	.76
	1600	755	56.0	16.4	3.05	.48	.61	.74	53.5	15.7	3.41	.48	.62	.76	51.0	14.9	3.80	.49	.64	.78	48.0	14.1	4.24	.49	.65	.80
	1720	810	56.5	16.6	3.06	.49	.63	.76	54.0	15.8	3.42	.49	.64	.78	51.5	15.1	3.81	.50	.65	.80	48.5	14.2	4.26	.50	.67	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CR26-48N/W-F]

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	33.2	9.7	1.91	.78	.92	1.00	31.6	9.3	2.21	.80	.94	1.00	30.0	8.8	2.54	.82	.97	1.00	28.2	8.3	2.94	.84	.99	1.00
	1200	565	33.8	9.9	1.91	.80	.95	1.00	32.2	9.4	2.20	.82	.97	1.00	30.6	9.0	2.54	.84	.99	1.00	29.0	8.5	2.92	.86	1.00	1.00
	1300	615	34.4	10.1	1.91	.82	.97	1.00	32.8	9.6	2.20	.84	.99	1.00	31.2	9.1	2.53	.86	1.00	1.00	29.6	8.7	2.91	.89	1.00	1.00
67°F (19°C)	1100	520	35.6	10.4	1.91	.63	.76	.89	33.8	9.9	2.19	.63	.77	.91	32.0	9.4	2.52	.65	.79	.93	30.2	8.9	2.91	.66	.81	.96
	1200	565	36.2	10.6	1.90	.63	.77	.91	34.4	10.1	2.19	.64	.79	.93	32.6	9.6	2.52	.66	.81	.96	30.6	9.0	2.90	.67	.83	.99
	1300	615	36.8	10.8	1.90	.65	.79	.93	35.0	10.3	2.19	.66	.81	.96	33.2	9.7	2.51	.67	.83	.98	31.2	9.1	2.90	.69	.86	1.00
71°F (22°C)	1100	520	37.8	11.1	1.89	.47	.61	.73	36.0	10.6	2.18	.48	.62	.74	34.2	10.0	2.51	.49	.63	.76	32.4	9.5	2.89	.49	.64	.78
	1200	565	38.5	11.3	1.89	.48	.62	.75	36.8	10.8	2.18	.49	.63	.76	35.0	10.3	2.50	.49	.64	.78	32.8	9.6	2.89	.50	.66	.81
	1300	615	39.0	11.4	1.89	.49	.63	.77	37.4	11.0	2.17	.50	.64	.78	35.4	10.4	2.50	.50	.66	.80	33.4	9.8	2.88	.51	.67	.83

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CR26-48N/W-F]

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	45.5	13.3	2.93	.76	.89	1.00	43.5	12.7	3.28	.77	.91	1.00	41.5	12.2	3.67	.79	.93	1.00	39.0	11.4	4.11	.80	.96	1.00
	1600	755	47.0	13.8	2.94	.78	.92	1.00	45.0	13.2	3.29	.80	.94	1.00	42.5	12.5	3.68	.81	.97	1.00	40.0	11.7	4.12	.84	.99	1.00
	1800	850	48.0	14.1	2.95	.81	.96	1.00	46.0	13.5	3.31	.82	.98	1.00	43.5	12.7	3.70	.84	.99	1.00	41.0	12.0	4.14	.87	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.96	.61	.73	.85	46.5	13.6	3.32	.62	.75	.87	44.0	12.9	3.71	.63	.76	.89	41.5	12.2	4.14	.64	.78	.92
	1600	755	50.0	14.7	2.98	.63	.76	.89	47.5	13.9	3.33	.64	.77	.91	45.0	13.2	3.72	.65	.79	.93	42.5	12.5	4.16	.66	.81	.96
	1800	850	51.0	14.9	2.99	.64	.78	.92	48.5	14.2	3.34	.65	.80	.95	46.0	13.5	3.73	.66	.82	.97	43.5	12.7	4.17	.68	.84	.99
71°F (22°C)	1400	660	51.5	15.1	2.99	.47	.60	.71	49.0	14.4	3.35	.47	.60	.72	46.5	13.6	3.74	.48	.62	.74	44.0	12.9	4.18	.48	.63	.76
	1600	755	53.0	15.5	3.01	.48	.61	.74	50.5	14.8	3.37	.48	.62	.75	48.0	14.1	3.76	.49	.63	.77	45.5	13.3	4.20	.49	.65	.79
	1800	850	54.0	15.8	3.03	.49	.63	.76	51.5	15.1	3.38	.49	.64	.78	49.0	14.4	3.77	.49	.65	.79	46.0	13.5	4.22	.51	.67	.82

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CR26-60N/W-F]

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	34.4	10.1	1.91	.79	.94	1.00	32.6	9.6	2.20	.81	.96	1.00	31.0	9.1	2.53	.83	.99	1.00	29.4	8.6	2.92	.86	1.00	1.00
	1200	565	35.0	10.3	1.91	.81	.97	1.00	33.4	9.8	2.19	.83	.99	1.00	32.0	9.4	2.53	.86	1.00	1.00	30.2	8.9	2.91	.88	1.00	1.00
	1300	615	35.6	10.4	1.91	.83	.99	1.00	34.2	10.0	2.19	.85	1.00	1.00	32.6	9.6	2.52	.88	1.00	1.00	31.0	9.1	2.90	.91	1.00	1.00
67°F (19°C)	1100	520	36.6	10.7	1.90	.63	.77	.90	35.0	10.3	2.19	.64	.78	.93	33.2	9.7	2.51	.65	.80	.95	31.2	9.1	2.90	.67	.83	.98
	1200	565	37.4	11.0	1.90	.64	.79	.93	35.6	10.4	2.18	.65	.81	.96	33.8	9.9	2.51	.67	.83	.98	31.6	9.3	2.89	.68	.85	1.00
	1300	615	38.0	11.1	1.90	.66	.81	.96	36.2	10.6	2.18	.67	.83	.98	34.2	10.0	2.51	.68	.85	1.00	32.2	9.4	2.89	.70	.88	1.00
71°F (22°C)	1100	520	39.0	11.4	1.89	.48	.61	.74	37.2	10.9	2.17	.48	.62	.76	35.4	10.4	2.50	.49	.64	.78	33.2	9.7	2.87	.50	.65	.80
	1200	565	39.5	11.6	1.89	.48	.63	.76	38.0	11.1	2.17	.49	.64	.78	36.0	10.6	2.49	.50	.65	.80	33.8	9.9	2.87	.51	.67	.83
	1300	615	40.5	11.9	1.89	.49	.64	.78	38.5	11.3	2.17	.50	.65	.80	36.6	10.7	2.49	.51	.67	.83	34.4	10.1	2.87	.51	.69	.85

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CR26-60N/W-F]

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	2.95	.77	.91	1.00	45.0	13.2	3.30	.78	.93	1.00	43.0	12.6	3.69	.80	.95	1.00	40.5	11.9	4.13	.82	.98	1.00
	1600	755	48.5	14.2	2.96	.80	.95	1.00	46.5	13.6	3.31	.81	.97	1.00	44.0	12.9	3.70	.83	.99	1.00	42.0	12.3	4.15	.86	1.00	1.00
	1800	850	49.5	14.5	2.97	.83	.98	1.00	47.5	13.9	3.33	.85	.99	1.00	45.5	13.3	3.72	.87	1.00	1.00	43.0	12.6	4.17	.90	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.98	.62	.75	.87	48.0	14.1	3.34	.62	.76	.89	45.5	13.3	3.72	.64	.78	.92	43.0	12.6	4.16	.65	.80	.94
	1600	755	51.5	15.1	3.00	.64	.77	.91	49.5	14.5	3.35	.65	.79	.94	47.0	13.8	3.75	.66	.81	.96	44.0	12.9	4.18	.67	.83	.99
	1800	850	53.0	15.5	3.01	.65	.80	.95	50.5	14.8	3.37	.66	.82	.97	48.0	14.1	3.76	.68	.84	.99	45.0	13.2	4.19	.69	.87	1.00
71°F (22°C)	1400	660	53.0	15.5	3.02	.47	.60	.72	51.0	14.9	3.37	.47	.61	.74	48.5	14.2	3.76	.48	.62	.75	45.5	13.3	4.21	.48	.64	.77
	1600	755	54.5	16.0	3.04	.48	.62	.75	52.0	15.2	3.39	.48	.63	.77	49.5	14.5	3.78	.49	.64	.79	47.0	13.8	4.23	.50	.66	.81
	1800	850	56.0	16.4	3.05	.49	.64	.78	53.5	15.7	3.41	.50	.65	.80	50.5	14.8	3.80	.50	.67	.82	47.5	13.9	4.24	.51	.68	.85

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CR26-48N-F + G60DFV-60C]

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)	1049	495	32.6	9.6	1.92	.76	.90	1.00	31.2	9.1	2.21	.78	.92	1.00	29.4	8.6	2.55	.79	.95	1.00	27.6	8.1	2.94	.82	.97	1.00
	1165	550	33.4	9.8	1.91	.78	.93	1.00	31.8	9.3	2.21	.80	.95	1.00	30.2	8.9	2.54	.82	.98	1.00	28.6	8.4	2.93	.84	1.00	1.00
	1278	605	34.0	10.0	1.91	.80	.96	1.00	32.4	9.5	2.20	.82	.98	1.00	30.8	9.0	2.53	.84	1.00	1.00	29.2	8.6	2.92	.87	1.00	1.00
67°F (19°C)	1049	495	35.0	10.3	1.91	.61	.74	.86	33.4	9.8	2.20	.62	.75	.88	31.6	9.3	2.53	.63	.77	.91	29.8	8.7	2.91	.64	.79	.94
	1165	550	35.8	10.5	1.90	.62	.76	.89	34.0	10.0	2.19	.63	.77	.92	32.4	9.5	2.52	.64	.79	.94	30.4	8.9	2.91	.66	.82	.97
	1278	605	36.4	10.7	1.90	.63	.78	.92	34.8	10.2	2.19	.64	.80	.94	32.8	9.6	2.51	.66	.82	.97	30.8	9.0	2.90	.67	.84	1.00
71°F (22°C)	1049	495	37.2	10.9	1.90	.46	.59	.71	35.4	10.4	2.18	.46	.60	.73	33.8	9.9	2.51	.47	.61	.74	31.8	9.3	2.89	.48	.62	.76
	1165	550	38.0	11.1	1.89	.46	.61	.73	36.4	10.7	2.18	.47	.62	.75	34.4	10.1	2.50	.48	.63	.77	32.6	9.6	2.89	.49	.64	.79
	1278	605	39.0	11.4	1.89	.47	.62	.75	37.0	10.8	2.17	.48	.63	.77	35.2	10.3	2.50	.49	.64	.79	33.0	9.7	2.87	.50	.66	.81

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CR26-48N-F + G60DFV-60C]

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)	1508	710	46.5	13.6	2.93	.77	.90	1.00	44.0	12.9	3.29	.78	.92	1.00	42.0	12.3	3.68	.80	.95	1.00	39.5	11.6	4.11	.82	.97	1.00
	1685	795	47.5	13.9	2.95	.79	.93	1.00	45.0	13.2	3.30	.80	.96	1.00	42.5	12.5	3.69	.82	.98	1.00	40.5	11.9	4.12	.84	1.00	1.00
	1862	880	48.0	14.1	2.96	.81	.96	1.00	46.0	13.5	3.31	.83	.98	1.00	43.5	12.7	3.70	.85	1.00	1.00	41.5	12.2	4.14	.87	1.00	1.00
67°F (19°C)	1508	710	49.0	14.4	2.97	.61	.74	.87	47.0	13.8	3.32	.62	.76	.89	44.5	13.0	3.71	.63	.77	.91	42.0	12.3	4.15	.65	.79	.94
	1685	795	50.5	14.8	2.98	.63	.76	.90	48.0	14.1	3.34	.64	.78	.92	45.5	13.3	3.72	.65	.80	.95	43.0	12.6	4.17	.66	.82	.97
	1862	880	51.0	14.9	2.99	.64	.79	.93	49.0	14.4	3.35	.65	.80	.95	46.5	13.6	3.74	.67	.82	.98	43.5	12.7	4.17	.68	.85	1.00
71°F (22°C)	1508	710	52.0	15.2	3.00	.46	.60	.72	49.5	14.5	3.36	.47	.61	.73	47.5	13.9	3.75	.48	.62	.75	44.5	13.0	4.19	.48	.63	.77
	1685	795	53.0	15.5	3.02	.48	.62	.74	51.0	14.9	3.37	.48	.63	.76	48.5	14.2	3.76	.48	.64	.77	45.5	13.3	4.21	.49	.65	.80
	1862	880	54.0	15.8	3.03	.49	.63	.76	52.0	15.2	3.39	.49	.64	.78	49.0	14.4	3.78	.49	.65	.80	46.5	13.6	4.22	.51	.67	.82

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CR26-60W-F + G60DFV-60D-135]

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)	1124	530	34.2	10.0	1.91	.79	.94	1.00	32.6	9.6	2.20	.80	.96	1.00	31.0	9.1	2.54	.83	.99	1.00	29.4	8.6	2.92	.85	1.00	1.00
	1170	550	34.6	10.1	1.91	.80	.95	1.00	33.0	9.7	2.20	.82	.97	1.00	31.4	9.2	2.53	.84	.99	1.00	29.8	8.7	2.91	.86	1.00	1.00
	1192	565	34.8	10.2	1.91	.80	.96	1.00	33.0	9.7	2.20	.82	.98	1.00	31.6	9.3	2.53	.84	1.00	1.00	29.8	8.7	2.91	.87	1.00	1.00
67°F (19°C)	1124	530	36.6	10.7	1.90	.62	.76	.90	35.0	10.3	2.19	.63	.78	.92	33.0	9.7	2.51	.64	.80	.95	31.0	9.1	2.90	.66	.82	.98
	1170	550	37.0	10.8	1.90	.63	.77	.92	35.2	10.3	2.18	.64	.79	.94	33.4	9.8	2.51	.65	.81	.97	31.4	9.2	2.89	.67	.84	.99
	1192	565	37.2	10.9	1.90	.63	.78	.92	35.4	10.4	2.18	.64	.79	.94	33.4	9.8	2.51	.65	.81	.97	31.4	9.2	2.89	.67	.84	.99
71°F (22°C)	1124	530	39.0	11.4	1.89	.46	.61	.74	37.2	10.9	2.17	.47	.62	.75	35.2	10.3	2.50	.47	.63	.77	33.2	9.7	2.87	.48	.64	.79
	1170	550	39.5	11.6	1.89	.47	.61	.75	37.6	11.0	2.17	.47	.63	.76	35.6	10.4	2.49	.48	.64	.78	33.4	9.8	2.87	.49	.65	.81
	1192	565	39.5	11.6	1.89	.47	.62	.75	37.6	11.0	2.17	.47	.63	.77	35.8	10.5	2.50	.48	.64	.79	33.6	9.8	2.87	.49	.66	.81

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CR26-60W-F + G60DFV-60D-135]

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)	1558	735	48.5	14.2	2.96	.79	.93	1.00	46.0	13.5	3.31	.80	.95	1.00	43.5	12.7	3.70	.82	.98	1.00	41.5	12.2	4.14	.84	.99	1.00
	1680	795	49.0	14.4	2.97	.80	.96	1.00	46.5	13.6	3.32	.82	.98	1.00	44.5	13.0	3.71	.84	.99	1.00	42.0	12.3	4.15	.87	1.00	1.00
	1704	805	49.0	14.4	2.97	.81	.96	1.00	47.0	13.8	3.32	.83	.98	1.00	44.5	13.0	3.71	.85	1.00	1.00	42.5	12.5	4.16	.88	1.00	1.00
67°F (19°C)	1558	735	51.0	14.9	2.99	.62	.76	.90	49.0	14.4	3.35	.63	.78	.92	46.5	13.6	3.74	.65	.80	.95	43.5	12.7	4.18	.66	.82	.97
	1680	795	52.0	15.2	3.00	.64	.78	.92	49.5	14.5	3.35	.65	.80	.95	47.0	13.8	3.75	.66	.82	.97	44.5	13.0	4.18	.67	.84	.99
	1704	805	52.0	15.2	3.01	.64	.79	.93	50.0	14.7	3.36	.65	.80	.95	47.5	13.9	3.75	.66	.82	.98	44.5	13.0	4.19	.68	.85	.99
71°F (22°C)	1558	735	54.0	15.8	3.03	.47	.61	.74	52.0	15.2	3.38	.47	.62	.75	49.5	14.5	3.78	.48	.63	.77	46.5	13.6	4.22	.49	.65	.80
	1680	795	55.0	16.1	3.04	.48	.62	.76	52.5	15.4	3.40	.48	.63	.77	50.0	14.7	3.79	.49	.65	.79	47.0	13.8	4.23	.50	.66	.82
	1704	805	55.0	16.1	3.04	.48	.63	.76	52.5	15.4	3.40	.49	.64	.78	50.0	14.7	3.79	.49	.65	.80	47.0	13.8	4.23	.50	.67	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH23-51]

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	33.4	9.8	1.92	.78	.92	1.00	31.8	9.3	2.21	.79	.94	1.00	30.0	8.8	2.54	.81	.97	1.00	28.4	8.3	2.93	.84	.99	1.00
	1200	565	34.0	10.0	1.91	.79	.94	1.00	32.4	9.5	2.20	.81	.97	1.00	30.8	9.0	2.54	.83	.99	1.00	29.2	8.6	2.92	.86	1.00	1.00
	1300	615	34.6	10.1	1.91	.81	.97	1.00	33.0	9.7	2.20	.83	.99	1.00	31.6	9.3	2.53	.85	1.00	1.00	30.0	8.8	2.91	.88	1.00	1.00
67°F (19°C)	1100	520	35.8	10.5	1.90	.62	.75	.88	34.2	10.0	2.19	.63	.76	.90	32.4	9.5	2.52	.64	.78	.93	30.4	8.9	2.90	.65	.81	.96
	1200	565	36.4	10.7	1.90	.63	.77	.91	34.8	10.2	2.19	.64	.78	.93	33.0	9.7	2.52	.65	.80	.96	31.0	9.1	2.90	.67	.83	.98
	1300	615	37.0	10.8	1.90	.64	.79	.93	35.4	10.4	2.18	.65	.80	.95	33.4	9.8	2.51	.67	.83	.98	31.4	9.2	2.90	.68	.85	1.00
71°F (22°C)	1100	520	38.0	11.1	1.89	.47	.60	.72	36.4	10.7	2.18	.48	.61	.74	34.6	10.1	2.50	.48	.62	.76	32.6	9.6	2.89	.49	.64	.78
	1200	565	39.0	11.4	1.89	.48	.61	.74	37.2	10.9	2.17	.49	.62	.76	35.2	10.3	2.50	.49	.64	.78	33.2	9.7	2.88	.50	.65	.80
	1300	615	39.5	11.6	1.89	.48	.62	.76	37.8	11.1	2.17	.49	.64	.78	35.8	10.5	2.50	.50	.65	.80	33.6	9.8	2.87	.50	.67	.83

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH23-51]

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	2.93	.75	.88	.99	44.0	12.9	3.28	.76	.90	1.00	41.5	12.2	3.67	.78	.92	1.00	39.0	11.4	4.11	.80	.95	1.00
	1600	755	47.0	13.8	2.94	.77	.92	1.00	45.0	13.2	3.30	.79	.94	1.00	42.5	12.5	3.68	.81	.96	1.00	40.5	11.9	4.12	.83	.98	1.00
	1800	850	48.0	14.1	2.96	.80	.95	1.00	46.0	13.5	3.31	.82	.97	1.00	44.0	12.9	3.70	.84	.99	1.00	41.5	12.2	4.14	.86	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.96	.60	.72	.85	46.5	13.6	3.32	.61	.74	.86	44.5	13.0	3.71	.62	.75	.89	42.0	12.3	4.15	.63	.78	.91
	1600	755	50.5	14.8	2.98	.62	.75	.88	48.0	14.1	3.34	.63	.77	.90	45.5	13.3	3.73	.64	.78	.93	43.0	12.6	4.17	.65	.81	.95
	1800	850	51.5	15.1	3.00	.63	.78	.92	49.0	14.4	3.35	.64	.79	.94	46.5	13.6	3.74	.66	.81	.96	44.0	12.9	4.18	.67	.84	.99
71°F (22°C)	1400	660	52.0	15.2	3.00	.47	.59	.70	49.5	14.5	3.35	.47	.60	.71	47.0	13.8	3.75	.47	.60	.73	44.5	13.0	4.19	.48	.62	.75
	1600	755	53.0	15.5	3.02	.47	.60	.73	51.0	14.9	3.37	.48	.61	.74	48.5	14.2	3.77	.49	.62	.76	45.5	13.3	4.21	.49	.64	.78
	1800	850	54.5	16.0	3.03	.48	.62	.75	52.0	15.2	3.39	.49	.63	.77	49.5	14.5	3.78	.50	.64	.79	46.5	13.6	4.22	.50	.66	.81

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH23-65]

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	33.8	9.9	1.91	.78	.92	1.00	32.2	9.4	2.21	.80	.95	1.00	30.6	9.0	2.54	.82	.97	1.00	28.8	8.4	2.93	.84	.99	1.00
	1200	565	34.4	10.1	1.91	.80	.95	1.00	32.8	9.6	2.20	.82	.97	1.00	31.2	9.1	2.53	.84	.99	1.00	29.6	8.7	2.92	.86	1.00	1.00
	1300	615	35.0	10.3	1.91	.82	.97	1.00	33.4	9.8	2.20	.84	.99	1.00	32.0	9.4	2.53	.86	1.00	1.00	30.4	8.9	2.91	.89	1.00	1.00
67°F (19°C)	1100	520	36.2	10.6	1.90	.62	.75	.89	34.6	10.1	2.19	.63	.77	.91	32.8	9.6	2.52	.64	.79	.94	30.8	9.0	2.90	.66	.81	.96
	1200	565	37.0	10.8	1.90	.63	.77	.91	35.2	10.3	2.19	.64	.79	.94	33.4	9.8	2.51	.66	.81	.96	31.2	9.1	2.90	.67	.84	.99
	1300	615	37.6	11.0	1.90	.64	.79	.94	35.8	10.5	2.18	.65	.81	.96	33.8	9.9	2.51	.67	.83	.99	31.8	9.3	2.90	.69	.86	1.00
71°F (22°C)	1100	520	38.5	11.3	1.89	.47	.60	.73	36.8	10.8	2.17	.48	.61	.74	35.0	10.3	2.50	.48	.63	.76	33.0	9.7	2.88	.49	.64	.78
	1200	565	39.5	11.6	1.89	.48	.62	.75	37.6	11.0	2.17	.48	.63	.76	35.6	10.4	2.50	.49	.64	.78	33.6	9.8	2.87	.50	.66	.81
	1300	615	40.0	11.7	1.89	.48	.63	.76	38.0	11.1	2.17	.49	.64	.78	36.2	10.6	2.49	.50	.65	.80	34.0	10.0	2.87	.51	.67	.83

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH23-65]

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	2.94	.75	.89	1.00	44.5	13.0	3.29	.77	.91	1.00	42.0	12.3	3.68	.78	.93	1.00	39.5	11.6	4.11	.81	.96	1.00
	1600	755	48.0	14.1	2.95	.78	.92	1.00	45.5	13.3	3.30	.80	.95	1.00	43.5	12.7	3.70	.81	.97	1.00	41.0	12.0	4.13	.84	.99	1.00
	1800	850	49.0	14.4	2.97	.81	.96	1.00	46.5	13.6	3.32	.82	.98	1.00	44.5	13.0	3.71	.84	.99	1.00	42.5	12.5	4.16	.87	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.97	.61	.73	.85	47.5	13.9	3.33	.61	.74	.87	45.0	13.2	3.72	.62	.76	.89	42.5	12.5	4.15	.64	.78	.92
	1600	755	51.0	14.9	2.99	.62	.76	.89	48.5	14.2	3.34	.63	.77	.91	46.0	13.5	3.74	.64	.79	.94	43.5	12.7	4.17	.66	.81	.96
	1800	850	52.0	15.2	3.00	.64	.78	.93	49.5	14.5	3.36	.65	.80	.95	47.0	13.8	3.75	.66	.82	.97	44.5	13.0	4.19	.68	.85	.99
71°F (22°C)	1400	660	52.5	15.4	3.01	.46	.59	.70	50.0	14.7	3.37	.47	.60	.72	48.0	14.1	3.76	.47	.61	.74	45.0	13.2	4.20	.48	.62	.76
	1600	755	54.0	15.8	3.03	.47	.61	.73	51.5	15.1	3.38	.48	.62	.75	49.0	14.4	3.78	.48	.63	.77	46.5	13.6	4.22	.49	.64	.79
	1800	850	55.0	16.1	3.04	.48	.62	.76	53.0	15.5	3.40	.49	.63	.78	50.0	14.7	3.79	.49	.65	.80	47.0	13.8	4.23	.50	.66	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH23-68]

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	1.91	.79	.94	1.00	33.4	9.8	2.20	.81	.96	1.00	31.6	9.3	2.53	.83	.98	1.00	29.8	8.7	2.91	.85	1.00	1.00
	1200	565	35.8	10.5	1.90	.81	.96	1.00	34.2	10.0	2.19	.83	.98	1.00	32.4	9.5	2.52	.85	1.00	1.00	30.8	9.0	2.90	.88	1.00	1.00
	1300	615	36.4	10.7	1.90	.83	.99	1.00	34.8	10.2	2.19	.85	1.00	1.00	33.4	9.8	2.51	.88	1.00	1.00	31.6	9.3	2.89	.91	1.00	1.00
67°F (19°C)	1100	520	37.4	11.0	1.90	.62	.76	.90	35.6	10.4	2.18	.64	.78	.92	33.8	9.9	2.51	.65	.80	.95	31.8	9.3	2.89	.66	.83	.98
	1200	565	38.0	11.1	1.89	.64	.79	.93	36.4	10.7	2.18	.65	.80	.95	34.4	10.1	2.50	.66	.83	.98	32.4	9.5	2.88	.68	.85	1.00
	1300	615	39.0	11.4	1.89	.65	.81	.95	37.0	10.8	2.17	.66	.83	.98	35.0	10.3	2.50	.68	.85	1.00	32.8	9.6	2.88	.70	.88	1.00
71°F (22°C)	1100	520	40.0	11.7	1.89	.47	.61	.74	38.5	11.3	2.17	.48	.62	.75	36.2	10.6	2.49	.49	.63	.77	34.2	10.0	2.87	.49	.65	.80
	1200	565	41.0	12.0	1.88	.48	.62	.76	39.0	11.4	2.16	.49	.63	.78	37.0	10.8	2.49	.50	.65	.80	34.8	10.2	2.86	.50	.67	.83
	1300	615	41.5	12.2	1.88	.49	.64	.78	39.5	11.6	2.16	.50	.65	.80	37.6	11.0	2.48	.50	.66	.82	35.4	10.4	2.86	.51	.68	.85

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH23-68]

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	2.96	.77	.90	1.00	46.0	13.5	3.31	.78	.92	1.00	44.0	12.9	3.70	.80	.94	1.00	41.5	12.2	4.14	.82	.97	1.00
	1600	755	50.0	14.7	2.98	.80	.94	1.00	47.5	13.9	3.33	.81	.96	1.00	45.5	13.3	3.72	.83	.99	1.00	43.0	12.6	4.17	.86	1.00	1.00
	1800	850	51.0	14.9	2.99	.83	.98	1.00	49.0	14.4	3.35	.85	1.00	1.00	46.5	13.6	3.74	.87	1.00	1.00	44.5	13.0	4.19	.90	1.00	1.00
67°F (19°C)	1400	660	51.5	15.1	3.00	.61	.74	.87	49.0	14.4	3.35	.62	.76	.89	47.0	13.8	3.75	.63	.77	.91	44.0	12.9	4.18	.64	.80	.94
	1600	755	53.0	15.5	3.02	.63	.77	.91	50.5	14.8	3.37	.64	.79	.93	48.0	14.1	3.76	.65	.81	.96	45.0	13.2	4.20	.67	.83	.98
	1800	850	54.5	16.0	3.03	.65	.80	.95	52.0	15.2	3.39	.66	.82	.97	49.0	14.4	3.78	.67	.84	.99	46.0	13.5	4.21	.69	.87	1.00
71°F (22°C)	1400	660	55.0	16.1	3.04	.47	.59	.72	52.5	15.4	3.40	.47	.60	.73	50.0	14.7	3.79	.48	.62	.75	47.0	13.8	4.23	.48	.63	.77
	1600	755	56.5	16.6	3.06	.48	.62	.75	54.0	15.8	3.42	.48	.63	.76	51.5	15.1	3.81	.49	.64	.78	48.5	14.2	4.25	.50	.66	.81
	1800	850	58.0	17.0	3.08	.49	.64	.78	55.0	16.1	3.43	.49	.65	.80	52.5	15.4	3.82	.50	.66	.82	49.5	14.5	4.27	.51	.68	.85

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-48C-2F]

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	34.6	10.1	1.91	.79	.93	1.00	33.0	9.7	2.20	.80	.95	1.00	31.2	9.1	2.53	.82	.98	1.00	29.4	8.6	2.92	.85	1.00	1.00
	1200	565	35.2	10.3	1.91	.81	.95	1.00	33.6	9.8	2.19	.82	.98	1.00	31.8	9.3	2.53	.84	1.00	1.00	30.2	8.9	2.91	.87	1.00	1.00
	1300	615	36.0	10.6	1.90	.83	.98	1.00	34.2	10.0	2.19	.84	1.00	1.00	32.6	9.6	2.52	.87	1.00	1.00	31.0	9.1	2.90	.90	1.00	1.00
67°F (19°C)	1100	520	36.8	10.8	1.90	.63	.76	.89	35.2	10.3	2.18	.63	.78	.91	33.2	9.7	2.51	.65	.79	.94	31.4	9.2	2.90	.66	.82	.97
	1200	565	37.6	11.0	1.90	.64	.78	.92	35.8	10.5	2.18	.65	.80	.94	33.8	9.9	2.51	.66	.82	.97	31.8	9.3	2.89	.67	.84	1.00
	1300	615	38.0	11.1	1.89	.65	.80	.94	36.4	10.7	2.18	.65	.81	.97	34.4	10.1	2.50	.67	.83	.99	32.4	9.5	2.89	.69	.87	1.00
71°F (22°C)	1100	520	39.0	11.4	1.89	.48	.61	.73	37.4	11.0	2.17	.48	.62	.75	35.6	10.4	2.50	.49	.63	.77	33.4	9.8	2.88	.49	.64	.79
	1200	565	40.0	11.7	1.89	.48	.62	.75	38.0	11.1	2.17	.49	.63	.77	36.2	10.6	2.49	.49	.64	.79	34.0	10.0	2.87	.50	.66	.81
	1300	615	40.5	11.9	1.89	.49	.63	.76	38.5	11.3	2.16	.49	.64	.79	36.8	10.8	2.49	.50	.66	.81	34.6	10.1	2.87	.50	.68	.84

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-48C-2F]

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	2.95	.76	.89	1.00	45.5	13.3	3.30	.77	.91	1.00	43.0	12.6	3.69	.79	.93	1.00	40.5	11.9	4.13	.81	.96	1.00
	1600	755	49.0	14.4	2.97	.78	.93	1.00	46.5	13.6	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.97	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1800	850	50.0	14.7	2.98	.81	.96	1.00	48.0	14.1	3.33	.83	.98	1.00	45.5	13.3	3.72	.85	1.00	1.00	43.0	12.6	4.17	.87	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.98	.61	.73	.85	48.0	14.1	3.34	.61	.74	.87	46.0	13.5	3.73	.63	.76	.90	43.0	12.6	4.17	.64	.78	.92
	1600	755	52.0	15.2	3.00	.62	.76	.89	49.5	14.5	3.35	.64	.78	.91	47.0	13.8	3.75	.65	.79	.94	44.5	13.0	4.19	.66	.81	.97
	1800	850	53.0	15.5	3.01	.64	.79	.93	50.5	14.8	3.37	.65	.80	.95	48.0	14.1	3.76	.66	.82	.98	45.0	13.2	4.20	.68	.85	1.00
71°F (22°C)	1400	660	53.5	15.7	3.02	.47	.59	.71	51.0	14.9	3.38	.47	.60	.72	48.5	14.2	3.77	.48	.61	.74	46.0	13.5	4.21	.49	.62	.76
	1600	755	55.0	16.1	3.04	.48	.61	.73	52.5	15.4	3.40	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.0	13.8	4.23	.50	.65	.80
	1800	850	56.0	16.4	3.06	.49	.63	.76	53.5	15.7	3.41	.49	.64	.78	51.0	14.9	3.80	.50	.65	.80	48.0	14.1	4.25	.51	.66	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-50/60C-2F]

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	1.91	.79	.94	1.00	33.4	9.8	2.20	.81	.96	1.00	31.6	9.3	2.53	.83	.98	1.00	29.8	8.7	2.91	.85	1.00	1.00
	1200	565	35.6	10.4	1.90	.81	.96	1.00	34.0	10.0	2.19	.83	.99	1.00	32.2	9.4	2.52	.85	1.00	1.00	30.6	9.0	2.91	.88	1.00	1.00
	1300	615	36.4	10.7	1.90	.83	.99	1.00	34.6	10.1	2.19	.85	1.00	1.00	33.0	9.7	2.52	.88	1.00	1.00	31.4	9.2	2.89	.90	1.00	1.00
67°F (19°C)	1100	520	37.2	10.9	1.89	.63	.76	.90	35.6	10.4	2.18	.64	.78	.92	33.8	9.9	2.51	.65	.80	.95	31.6	9.3	2.89	.66	.82	.98
	1200	565	38.0	11.1	1.89	.64	.78	.93	36.2	10.6	2.18	.65	.80	.95	34.2	10.0	2.51	.66	.82	.97	32.2	9.4	2.89	.68	.85	1.00
	1300	615	38.5	11.3	1.89	.65	.80	.95	36.8	10.8	2.18	.66	.83	.97	34.8	10.2	2.50	.68	.85	1.00	32.8	9.6	2.88	.70	.87	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.48	.61	.74	38.0	11.1	2.17	.48	.62	.75	36.0	10.6	2.49	.49	.63	.77	33.8	9.9	2.87	.49	.65	.79
	1200	565	40.5	11.9	1.89	.48	.62	.76	38.5	11.3	2.17	.49	.63	.78	36.6	10.7	2.49	.49	.64	.79	34.4	10.1	2.87	.50	.66	.82
	1300	615	41.0	12.0	1.88	.49	.64	.78	39.0	11.4	2.16	.49	.65	.79	37.2	10.9	2.49	.50	.66	.82	35.0	10.3	2.86	.51	.68	.85

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-50/60C-2F]

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	2.96	.76	.90	1.00	46.0	13.5	3.31	.78	.92	1.00	43.5	12.7	3.70	.79	.94	1.00	41.0	12.0	4.14	.81	.97	1.00
	1600	755	49.5	14.5	2.97	.79	.94	1.00	47.5	13.9	3.33	.81	.96	1.00	45.0	13.2	3.72	.82	.98	1.00	42.5	12.5	4.15	.85	1.00	1.00
	1800	850	51.0	14.9	2.99	.82	.97	1.00	48.5	14.2	3.34	.84	.99	1.00	46.0	13.5	3.73	.85	1.00	1.00	44.0	12.9	4.18	.89	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.99	.61	.73	.86	49.0	14.4	3.35	.62	.75	.88	46.5	13.6	3.74	.63	.77	.90	44.0	12.9	4.18	.64	.79	.93
	1600	755	52.5	15.4	3.01	.63	.77	.90	50.5	14.8	3.37	.64	.78	.92	47.5	13.9	3.76	.65	.80	.95	45.0	13.2	4.19	.66	.83	.98
	1800	850	54.0	15.8	3.03	.64	.79	.94	51.5	15.1	3.38	.66	.81	.96	48.5	14.2	3.77	.67	.83	.99	46.0	13.5	4.21	.68	.86	1.00
71°F (22°C)	1400	660	54.0	15.8	3.03	.47	.59	.71	51.5	15.1	3.38	.48	.60	.73	49.0	14.4	3.78	.48	.61	.74	46.5	13.6	4.22	.49	.63	.76
	1600	755	55.5	16.3	3.05	.48	.61	.74	53.0	15.5	3.41	.49	.63	.76	50.5	14.8	3.80	.49	.63	.78	47.5	13.9	4.24	.50	.65	.80
	1800	850	57.0	16.7	3.07	.49	.63	.77	54.5	16.0	3.42	.49	.64	.79	51.5	15.1	3.81	.50	.66	.81	48.5	14.2	4.25	.51	.67	.84

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-60D-2F]

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	34.6	10.1	1.91	.79	.93	1.00	33.0	9.7	2.20	.80	.95	1.00	31.4	9.2	2.53	.82	.98	1.00	29.6	8.7	2.92	.85	1.00	1.00
	1200	565	35.4	10.4	1.91	.81	.96	1.00	33.8	9.9	2.19	.83	.98	1.00	32.0	9.4	2.53	.84	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
	1300	615	36.0	10.6	1.90	.83	.98	1.00	34.4	10.1	2.19	.85	1.00	1.00	32.8	9.6	2.52	.87	1.00	1.00	31.2	9.1	2.90	.90	1.00	1.00
67°F (19°C)	1100	520	37.0	10.8	1.90	.62	.76	.89	35.2	10.3	2.18	.64	.78	.91	33.4	9.8	2.51	.65	.80	.94	31.4	9.2	2.90	.66	.82	.97
	1200	565	37.6	11.0	1.90	.64	.78	.92	35.8	10.5	2.18	.65	.80	.94	34.0	10.0	2.51	.66	.82	.97	32.0	9.4	2.89	.68	.85	1.00
	1300	615	38.5	11.3	1.89	.65	.80	.95	36.6	10.7	2.18	.66	.82	.97	34.6	10.1	2.50	.67	.83	.99	32.6	9.6	2.88	.69	.87	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.48	.61	.73	37.6	11.0	2.17	.48	.62	.75	35.8	10.5	2.50	.49	.63	.77	33.6	9.8	2.87	.49	.64	.79
	1200	565	40.0	11.7	1.89	.48	.62	.76	38.5	11.3	2.17	.49	.63	.77	36.4	10.7	2.49	.49	.64	.79	34.2	10.0	2.86	.50	.66	.82
	1300	615	41.0	12.0	1.89	.49	.63	.77	39.0	11.4	2.17	.49	.64	.79	36.8	10.8	2.48	.50	.66	.82	34.8	10.2	2.87	.51	.68	.84

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-60D-2F]

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	2.95	.76	.89	1.00	45.5	13.3	3.31	.77	.91	1.00	43.5	12.7	3.69	.79	.94	1.00	41.0	12.0	4.13	.81	.96	1.00
	1600	755	49.0	14.4	2.97	.79	.93	1.00	47.0	13.8	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.98	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1800	850	50.5	14.8	2.98	.81	.97	1.00	48.0	14.1	3.34	.83	.99	1.00	45.5	13.3	3.73	.85	1.00	1.00	43.5	12.7	4.17	.88	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.99	.61	.73	.86	48.5	14.2	3.34	.62	.75	.88	46.0	13.5	3.73	.63	.77	.90	43.5	12.7	4.17	.64	.79	.93
	1600	755	52.0	15.2	3.00	.63	.76	.90	50.0	14.7	3.36	.63	.78	.92	47.5	13.9	3.75	.65	.80	.94	44.5	13.0	4.19	.66	.82	.97
	1800	850	53.5	15.7	3.02	.64	.79	.93	51.0	14.9	3.37	.65	.81	.96	48.0	14.1	3.76	.67	.83	.98	45.5	13.3	4.20	.68	.85	1.00
71°F (22°C)	1400	660	53.5	15.7	3.02	.47	.59	.71	51.5	15.1	3.38	.47	.60	.72	49.0	14.4	3.77	.48	.61	.74	46.0	13.5	4.22	.49	.62	.76
	1600	755	55.0	16.1	3.04	.48	.61	.74	53.0	15.5	3.40	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.5	13.9	4.24	.50	.65	.79
	1800	850	56.5	16.6	3.06	.49	.63	.77	54.0	15.8	3.42	.49	.64	.78	51.0	14.9	3.81	.50	.65	.80	48.5	14.2	4.25	.51	.67	.83

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-62D-2F]

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	34.8	10.2	1.91	.79	.93	1.00	33.2	9.7	2.20	.80	.95	1.00	31.4	9.2	2.53	.82	.98	1.00	29.6	8.7	2.91	.85	1.00	1.00
	1200	565	35.6	10.4	1.90	.81	.96	1.00	34.0	10.0	2.19	.82	.98	1.00	32.2	9.4	2.52	.85	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
	1300	615	36.2	10.6	1.90	.83	.98	1.00	34.4	10.1	2.19	.84	1.00	1.00	32.8	9.6	2.51	.87	1.00	1.00	31.2	9.1	2.90	.90	1.00	1.00
67°F (19°C)	1100	520	37.0	10.8	1.90	.63	.76	.89	35.4	10.4	2.18	.64	.78	.91	33.6	9.8	2.51	.65	.80	.94	31.6	9.3	2.89	.66	.82	.97
	1200	565	37.8	11.1	1.89	.64	.78	.92	36.0	10.6	2.18	.65	.80	.94	34.2	10.0	2.51	.66	.82	.97	32.2	9.4	2.88	.68	.84	1.00
	1300	615	38.5	11.3	1.89	.65	.80	.94	36.8	10.8	2.17	.66	.82	.97	34.8	10.2	2.50	.68	.84	.99	32.8	9.6	2.88	.69	.87	1.00
71°F (22°C)	1100	520	39.0	11.4	1.89	.48	.61	.73	37.6	11.0	2.17	.48	.62	.75	35.6	10.4	2.49	.49	.63	.77	33.6	9.8	2.87	.49	.65	.79
	1200	565	40.0	11.7	1.89	.48	.62	.75	38.0	11.1	2.17	.49	.63	.77	36.2	10.6	2.49	.49	.65	.79	34.2	10.0	2.87	.50	.66	.81
	1300	615	41.0	12.0	1.88	.49	.63	.77	39.0	11.4	2.16	.49	.65	.79	37.0	10.8	2.49	.50	.66	.81	34.8	10.2	2.86	.51	.68	.84

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-62D-2F]

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	2.95	.76	.89	1.00	46.0	13.5	3.31	.77	.91	1.00	43.5	12.7	3.70	.79	.93	1.00	41.0	12.0	4.14	.81	.96	1.00
	1600	755	49.5	14.5	2.97	.79	.93	1.00	47.5	13.9	3.33	.80	.95	1.00	45.0	13.2	3.72	.82	.98	1.00	42.5	12.5	4.15	.84	1.00	1.00
	1800	850	50.5	14.8	2.99	.81	.96	1.00	48.5	14.2	3.34	.83	.99	1.00	46.0	13.5	3.73	.85	1.00	1.00	43.5	12.7	4.18	.88	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.99	.61	.73	.86	48.5	14.2	3.34	.62	.75	.87	46.5	13.6	3.74	.63	.77	.90	43.5	12.7	4.18	.64	.79	.93
	1600	755	52.5	15.4	3.01	.63	.76	.89	50.0	14.7	3.36	.64	.78	.91	47.5	13.9	3.76	.65	.80	.94	45.0	13.2	4.20	.66	.82	.97
	1800	850	54.0	15.8	3.02	.64	.79	.93	51.5	15.1	3.38	.66	.81	.95	49.0	14.4	3.77	.67	.83	.98	46.0	13.5	4.21	.68	.85	1.00
71°F (22°C)	1400	660	53.5	15.7	3.02	.47	.59	.71	51.5	15.1	3.38	.48	.60	.72	49.0	14.4	3.77	.48	.61	.74	46.5	13.6	4.22	.49	.63	.76
	1600	755	55.5	16.3	3.04	.48	.61	.74	53.0	15.5	3.40	.49	.62	.75	50.5	14.8	3.80	.49	.63	.77	47.5	13.9	4.24	.50	.65	.79
	1800	850	56.5	16.6	3.06	.49	.63	.76	54.0	15.8	3.42	.49	.64	.78	51.5	15.1	3.81	.50	.66	.80	48.5	14.2	4.26	.51	.67	.83

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-48C-2F + G60UHV-60C]

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)	1016	480	33.6	9.8	1.91	.76	.90	1.00	32.0	9.4	2.21	.78	.92	1.00	30.4	8.9	2.54	.79	.94	1.00	28.6	8.4	2.93	.82	.97	1.00
	1140	540	34.6	10.1	1.91	.79	.93	1.00	33.0	9.7	2.20	.80	.95	1.00	31.4	9.2	2.53	.82	.98	1.00	29.4	8.6	2.92	.84	1.00	1.00
	1283	605	35.6	10.4	1.90	.81	.97	1.00	34.0	10.0	2.19	.83	.99	1.00	32.2	9.4	2.52	.85	1.00	1.00	30.6	9.0	2.91	.88	1.00	1.00
67°F (19°C)	1016	480	36.0	10.6	1.90	.60	.73	.86	34.4	10.1	2.19	.61	.75	.88	32.6	9.6	2.52	.62	.77	.90	30.6	9.0	2.91	.64	.79	.93
	1140	540	37.0	10.8	1.90	.62	.76	.89	35.2	10.3	2.18	.63	.78	.92	33.4	9.8	2.51	.64	.79	.94	31.4	9.2	2.90	.66	.82	.97
	1283	605	37.8	11.1	1.89	.64	.79	.93	36.0	10.6	2.18	.65	.81	.96	34.2	10.0	2.50	.66	.83	.98	32.2	9.4	2.89	.68	.85	1.00
71°F (22°C)	1016	480	38.0	11.1	1.89	.46	.58	.71	36.6	10.7	2.18	.47	.60	.72	34.8	10.2	2.50	.47	.61	.74	32.8	9.6	2.88	.48	.62	.76
	1140	540	39.5	11.6	1.89	.47	.60	.73	37.6	11.0	2.17	.48	.61	.75	35.6	10.4	2.50	.48	.63	.77	33.6	9.8	2.88	.48	.64	.79
	1283	605	40.5	11.9	1.89	.48	.62	.76	38.5	11.3	2.17	.48	.63	.78	36.4	10.7	2.49	.49	.64	.80	34.2	10.0	2.87	.49	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-48C-2F + G60UHV-60C]

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)	1458	690	47.5	13.9	2.95	.76	.90	1.00	45.5	13.3	3.31	.77	.92	1.00	43.5	12.7	3.69	.79	.94	1.00	41.0	12.0	4.13	.81	.97	1.00
	1635	770	49.0	14.4	2.97	.79	.93	1.00	47.0	13.8	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.98	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1853	875	50.5	14.8	2.98	.81	.97	1.00	48.0	14.1	3.34	.84	.99	1.00	45.5	13.3	3.73	.85	1.00	1.00	43.5	12.7	4.17	.88	1.00	1.00
67°F (19°C)	1458	690	51.0	14.9	2.99	.61	.74	.86	48.5	14.2	3.34	.61	.75	.88	46.0	13.5	3.73	.63	.77	.91	43.5	12.7	4.17	.64	.79	.93
	1635	770	52.0	15.2	3.00	.62	.76	.90	49.5	14.5	3.36	.63	.78	.92	47.0	13.8	3.75	.64	.80	.94	44.5	13.0	4.19	.66	.81	.97
	1853	875	53.0	15.5	3.02	.64	.79	.94	51.0	14.9	3.37	.65	.81	.96	48.0	14.1	3.76	.67	.83	.98	45.5	13.3	4.20	.68	.85	1.00
71°F (22°C)	1458	690	53.5	15.7	3.02	.47	.59	.71	51.5	15.1	3.38	.47	.60	.72	49.0	14.4	3.77	.48	.61	.74	46.0	13.5	4.21	.48	.62	.76
	1635	770	55.0	16.1	3.04	.48	.61	.74	52.5	15.4	3.40	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.0	13.8	4.23	.49	.64	.79
	1853	875	56.5	16.6	3.06	.49	.63	.77	54.0	15.8	3.41	.49	.64	.78	51.0	14.9	3.81	.50	.65	.81	48.0	14.1	4.25	.50	.67	.83

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-48C-2F + G61MPV-60C]

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)	960	455	34.6	10.1	1.66	.74	.86	.99	33.2	9.7	1.92	.75	.88	1.00	31.6	9.3	2.21	.77	.91	1.00	30.0	8.8	2.54	.78	.93	1.00
	1090	515	35.8	10.5	1.65	.76	.90	1.00	34.4	10.1	1.91	.78	.92	1.00	32.6	9.6	2.20	.79	.94	1.00	31.0	9.1	2.53	.81	.97	1.00
	1215	575	36.8	10.8	1.65	.79	.93	1.00	35.2	10.3	1.91	.80	.95	1.00	33.6	9.8	2.20	.82	.98	1.00	31.8	9.3	2.53	.84	1.00	1.00
67°F (19°C)	960	455	37.0	10.8	1.65	.59	.71	.83	35.6	10.4	1.91	.59	.72	.84	34.0	10.0	2.19	.61	.74	.87	32.2	9.4	2.52	.62	.76	.89
	1090	515	38.0	11.1	1.65	.61	.74	.86	36.6	10.7	1.90	.61	.75	.88	35.0	10.3	2.19	.62	.77	.90	33.0	9.7	2.52	.63	.78	.93
	1215	575	39.0	11.4	1.64	.62	.76	.89	37.6	11.0	1.90	.63	.77	.92	35.6	10.4	2.18	.64	.79	.94	33.8	9.9	2.51	.65	.82	.96
71°F (22°C)	960	455	39.5	11.6	1.64	.46	.57	.69	37.8	11.1	1.90	.46	.58	.70	36.0	10.6	2.18	.46	.59	.71	34.2	10.0	2.50	.47	.60	.73
	1090	515	40.5	11.9	1.64	.46	.59	.71	39.0	11.4	1.89	.47	.60	.72	37.2	10.9	2.17	.47	.61	.74	35.2	10.3	2.50	.48	.62	.76
	1215	575	41.5	12.2	1.64	.47	.60	.73	40.0	11.7	1.89	.48	.61	.75	38.0	11.1	2.17	.48	.62	.77	36.0	10.6	2.49	.49	.64	.78

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-48C-2F + G61MPV-60C]

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)	1380	650	47.0	13.8	2.95	.75	.88	1.00	45.0	13.2	3.30	.76	.90	1.00	43.0	12.6	3.69	.78	.93	1.00	40.5	11.9	4.13	.80	.95	1.00
	1590	750	48.5	14.2	2.96	.78	.92	1.00	46.5	13.6	3.32	.80	.94	1.00	44.5	13.0	3.71	.82	.97	1.00	42.0	12.3	4.15	.84	.99	1.00
	1750	825	49.5	14.5	2.98	.81	.95	1.00	47.5	13.9	3.33	.82	.97	1.00	45.0	13.2	3.72	.84	1.00	1.00	42.5	12.5	4.16	.87	1.00	1.00
67°F (19°C)	1380	650	50.0	14.7	2.98	.60	.73	.85	48.0	14.1	3.33	.61	.74	.87	45.5	13.3	3.73	.62	.76	.89	43.0	12.6	4.17	.63	.78	.92
	1590	750	51.5	15.1	3.00	.62	.76	.89	49.5	14.5	3.35	.63	.77	.91	47.0	13.8	3.75	.64	.79	.93	44.0	12.9	4.19	.65	.81	.96
	1750	825	52.5	15.4	3.01	.64	.78	.92	50.5	14.8	3.37	.65	.79	.94	47.5	13.9	3.76	.66	.82	.97	45.0	13.2	4.19	.67	.84	.99
71°F (22°C)	1380	650	53.0	15.5	3.02	.47	.59	.70	50.5	14.8	3.37	.47	.59	.72	48.0	14.1	3.76	.47	.60	.73	45.5	13.3	4.21	.48	.62	.75
	1590	750	54.5	16.0	3.04	.47	.60	.73	52.5	15.4	3.39	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.0	13.8	4.23	.49	.64	.79
	1750	825	56.0	16.4	3.05	.48	.62	.76	53.5	15.7	3.41	.49	.63	.77	50.5	14.8	3.80	.49	.65	.79	47.5	13.9	4.24	.50	.66	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-50/60C-2F + G60UHV-60C]

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)	1016	480	33.8	9.9	1.91	.76	.90	1.00	32.2	9.4	2.20	.78	.92	1.00	30.6	9.0	2.54	.80	.95	1.00	28.8	8.4	2.93	.82	.98	1.00
	1140	540	34.8	10.2	1.91	.79	.93	1.00	33.2	9.7	2.20	.80	.96	1.00	31.4	9.2	2.53	.82	.98	1.00	29.6	8.7	2.92	.85	1.00	1.00
	1283	605	35.8	10.5	1.90	.81	.97	1.00	34.0	10.0	2.19	.83	.99	1.00	32.4	9.5	2.52	.86	1.00	1.00	30.8	9.0	2.90	.88	1.00	1.00
67°F (19°C)	1016	480	36.2	10.6	1.90	.60	.74	.86	34.4	10.1	2.19	.61	.75	.88	32.6	9.6	2.52	.62	.77	.91	30.8	9.0	2.90	.64	.79	.94
	1140	540	37.2	10.9	1.90	.62	.76	.89	35.4	10.4	2.18	.63	.78	.92	33.4	9.8	2.51	.64	.80	.95	31.4	9.2	2.89	.65	.82	.98
	1283	605	38.0	11.1	1.89	.64	.79	.93	36.2	10.6	2.18	.65	.81	.96	34.2	10.0	2.51	.66	.83	.98	32.2	9.4	2.89	.68	.85	1.00
71°F (22°C)	1016	480	38.5	11.3	1.89	.46	.59	.70	36.6	10.7	2.17	.47	.60	.72	34.8	10.2	2.50	.47	.61	.74	32.8	9.6	2.88	.48	.62	.76
	1140	540	39.5	11.6	1.89	.47	.60	.73	37.8	11.1	2.17	.48	.61	.75	35.8	10.5	2.50	.48	.63	.77	33.8	9.9	2.88	.49	.64	.79
	1283	605	40.5	11.9	1.89	.48	.62	.76	38.5	11.3	2.17	.48	.63	.78	36.6	10.7	2.49	.49	.65	.80	34.4	10.1	2.87	.49	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-50/60C-2F + G60UHV-60C]

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)	1458	690	48.0	14.1	2.95	.76	.90	1.00	46.0	13.5	3.31	.78	.92	1.00	43.5	12.7	3.70	.80	.94	1.00	41.0	12.0	4.14	.82	.97	1.00
	1635	770	49.0	14.4	2.97	.79	.93	1.00	47.0	13.8	3.32	.80	.96	1.00	44.5	13.0	3.72	.82	.98	1.00	42.0	12.3	4.15	.85	1.00	1.00
	1853	875	50.5	14.8	2.99	.82	.97	1.00	48.5	14.2	3.34	.84	.99	1.00	46.0	13.5	3.73	.86	1.00	1.00	43.5	12.7	4.17	.88	1.00	1.00
67°F (19°C)	1458	690	51.0	14.9	2.99	.61	.74	.87	49.0	14.4	3.35	.62	.75	.88	46.5	13.6	3.74	.63	.77	.91	43.5	12.7	4.18	.64	.79	.94
	1635	770	52.5	15.4	3.00	.62	.76	.90	50.0	14.7	3.36	.63	.78	.92	47.5	13.9	3.75	.65	.80	.95	44.5	13.0	4.19	.66	.82	.97
	1853	875	53.5	15.7	3.02	.64	.80	.94	51.0	14.9	3.38	.66	.81	.96	48.5	14.2	3.77	.66	.83	.99	45.5	13.3	4.21	.68	.86	1.00
71°F (22°C)	1458	690	54.0	15.8	3.03	.47	.59	.71	51.5	15.1	3.38	.47	.60	.73	49.0	14.4	3.78	.48	.61	.74	46.5	13.6	4.22	.48	.63	.77
	1635	770	55.5	16.3	3.04	.48	.61	.74	53.0	15.5	3.40	.48	.62	.76	50.5	14.8	3.79	.49	.63	.77	47.5	13.9	4.23	.49	.65	.80
	1853	875	56.5	16.6	3.06	.49	.63	.77	54.0	15.8	3.42	.49	.64	.79	51.5	15.1	3.81	.50	.66	.81	48.5	14.2	4.25	.50	.67	.84

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-50/60C-2F + G61MPV-60C]

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)	960	455	34.8	10.2	1.66	.74	.87	.99	33.4	9.8	1.92	.75	.88	1.00	31.8	9.3	2.21	.77	.91	1.00	30.2	8.9	2.54	.79	.93	1.00
	1090	515	36.0	10.6	1.65	.76	.90	1.00	34.4	10.1	1.91	.78	.92	1.00	32.8	9.6	2.20	.79	.94	1.00	31.2	9.1	2.53	.81	.97	1.00
	1215	575	36.8	10.8	1.65	.79	.93	1.00	35.4	10.4	1.91	.80	.95	1.00	33.6	9.8	2.19	.82	.98	1.00	32.0	9.4	2.53	.84	1.00	1.00
67°F (19°C)	960	455	37.2	10.9	1.65	.59	.71	.83	35.6	10.4	1.91	.60	.72	.85	34.0	10.0	2.19	.61	.74	.86	32.2	9.4	2.52	.62	.76	.89
	1090	515	38.5	11.3	1.64	.61	.74	.86	36.8	10.8	1.90	.61	.75	.88	35.0	10.3	2.18	.63	.77	.90	33.2	9.7	2.51	.64	.79	.93
	1215	575	39.5	11.6	1.64	.62	.76	.90	37.6	11.0	1.90	.63	.78	.92	35.8	10.5	2.18	.64	.79	.94	34.0	10.0	2.51	.65	.81	.97
71°F (22°C)	960	455	39.5	11.6	1.64	.46	.57	.69	38.0	11.1	1.90	.46	.58	.70	36.2	10.6	2.18	.46	.59	.71	34.4	10.1	2.50	.47	.60	.73
	1090	515	41.0	12.0	1.64	.46	.59	.71	39.0	11.4	1.89	.47	.60	.72	37.4	11.0	2.17	.47	.61	.74	35.4	10.4	2.50	.48	.62	.76
	1215	575	42.0	12.3	1.64	.47	.60	.74	40.0	11.7	1.89	.48	.62	.75	38.0	11.1	2.17	.48	.63	.77	36.2	10.6	2.49	.49	.64	.79

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-50/60C-2F + G61MPV-60C]

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)	1380	650	47.5	13.9	2.95	.75	.88	1.00	45.5	13.3	3.30	.77	.90	1.00	43.0	12.6	3.69	.78	.93	1.00	40.5	11.9	4.13	.80	.96	1.00
	1590	750	49.0	14.4	2.97	.78	.93	1.00	47.0	13.8	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.97	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1750	825	50.0	14.7	2.98	.81	.96	1.00	48.0	14.1	3.33	.82	.98	1.00	45.5	13.3	3.72	.84	1.00	1.00	43.0	12.6	4.17	.87	1.00	1.00
67°F (19°C)	1380	650	50.5	14.8	2.98	.60	.73	.85	48.0	14.1	3.34	.61	.74	.87	46.0	13.5	3.73	.62	.76	.89	43.0	12.6	4.17	.63	.78	.92
	1590	750	52.0	15.2	3.00	.62	.76	.89	49.5	14.5	3.36	.63	.78	.91	47.0	13.8	3.75	.64	.79	.94	44.5	13.0	4.19	.66	.82	.97
	1750	825	53.0	15.5	3.01	.64	.78	.92	50.5	14.8	3.37	.65	.80	.95	48.0	14.1	3.76	.66	.82	.97	45.0	13.2	4.20	.68	.84	1.00
71°F (22°C)	1380	650	53.5	15.7	3.02	.47	.59	.71	51.0	14.9	3.38	.47	.59	.72	48.5	14.2	3.77	.47	.61	.73	46.0	13.5	4.21	.48	.62	.75
	1590	750	55.0	16.1	3.04	.48	.60	.73	52.5	15.4	3.40	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.0	13.8	4.23	.49	.64	.79
	1750	825	56.0	16.4	3.06	.49	.62	.76	53.5	15.7	3.41	.49	.63	.78	51.0	14.9	3.81	.50	.65	.80	48.0	14.1	4.25	.50	.66	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-60D-2F + G60UHV-60D-135]

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)	1066	505	34.2	10.0	1.91	.77	.91	1.00	32.6	9.6	2.20	.79	.94	1.00	31.0	9.1	2.54	.81	.96	1.00	29.0	8.5	2.92	.83	.99	1.00
	1140	540	34.8	10.2	1.91	.79	.93	1.00	33.2	9.7	2.20	.80	.96	1.00	31.4	9.2	2.53	.82	.98	1.00	29.6	8.7	2.92	.85	1.00	1.00
	1219	575	35.4	10.4	1.91	.81	.96	1.00	33.8	9.9	2.19	.82	.98	1.00	32.0	9.4	2.52	.84	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
67°F (19°C)	1066	505	36.6	10.7	1.90	.61	.74	.88	34.8	10.2	2.19	.62	.76	.90	33.0	9.7	2.52	.63	.78	.92	31.0	9.1	2.90	.64	.80	.95
	1140	540	37.2	10.9	1.90	.62	.76	.89	35.4	10.4	2.18	.63	.78	.92	33.4	9.8	2.51	.64	.80	.95	31.4	9.2	2.89	.65	.82	.98
	1219	575	37.8	11.1	1.90	.63	.78	.92	36.0	10.6	2.18	.64	.80	.95	34.0	10.0	2.51	.66	.82	.97	32.0	9.4	2.89	.67	.84	1.00
71°F (22°C)	1066	505	39.0	11.4	1.89	.47	.59	.72	37.2	10.9	2.17	.47	.60	.73	35.2	10.3	2.50	.47	.62	.75	33.2	9.7	2.88	.48	.63	.77
	1140	540	39.5	11.6	1.89	.47	.60	.73	37.8	11.1	2.17	.48	.62	.75	35.8	10.5	2.50	.48	.63	.77	33.8	9.9	2.88	.49	.64	.79
	1219	575	40.0	11.7	1.89	.48	.62	.75	38.5	11.3	2.17	.49	.63	.77	36.4	10.7	2.49	.49	.64	.79	34.2	10.0	2.87	.50	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-60D-2F + G60UHV-60D-135]

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)	1522	720	48.5	14.2	2.96	.77	.91	1.00	46.5	13.6	3.31	.79	.93	1.00	44.0	12.9	3.71	.80	.96	1.00	41.5	12.2	4.14	.83	.98	1.00
	1630	770	49.0	14.4	2.97	.79	.93	1.00	47.0	13.8	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.98	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1763	830	50.0	14.7	2.98	.80	.96	1.00	48.0	14.1	3.33	.82	.98	1.00	45.5	13.3	3.72	.84	1.00	1.00	43.0	12.6	4.17	.87	1.00	1.00
67°F (19°C)	1522	720	51.5	15.1	3.00	.61	.74	.88	49.0	14.4	3.35	.62	.76	.90	46.5	13.6	3.74	.63	.78	.92	44.0	12.9	4.18	.65	.80	.95
	1630	770	52.0	15.2	3.00	.62	.76	.90	50.0	14.7	3.36	.63	.78	.92	47.5	13.9	3.75	.64	.80	.94	44.5	13.0	4.19	.66	.82	.97
	1763	830	53.0	15.5	3.01	.64	.78	.92	50.5	14.8	3.37	.64	.80	.94	48.0	14.1	3.76	.66	.82	.97	45.0	13.2	4.20	.67	.84	1.00
71°F (22°C)	1522	720	54.5	16.0	3.03	.47	.60	.72	52.0	15.2	3.39	.47	.60	.74	49.5	14.5	3.79	.48	.62	.75	46.5	13.6	4.22	.49	.63	.78
	1630	770	55.0	16.1	3.04	.48	.60	.74	53.0	15.5	3.40	.48	.62	.75	50.0	14.7	3.79	.48	.63	.77	47.5	13.9	4.24	.49	.64	.79
	1763	830	56.0	16.4	3.06	.48	.62	.76	53.5	15.7	3.41	.49	.63	.77	51.0	14.9	3.81	.49	.64	.79	48.0	14.1	4.25	.50	.66	.81

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-60D-2F + G61MPV-60D-135]

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	34.0	10.0	1.66	.73	.85	.97	32.6	9.6	1.92	.74	.86	.98	31.2	9.1	2.21	.75	.88	1.00	29.6	8.7	2.55	.77	.91	1.00
	1085	510	35.8	10.5	1.65	.76	.90	1.00	34.4	10.1	1.91	.78	.92	1.00	32.8	9.6	2.20	.79	.94	1.00	31.0	9.1	2.53	.81	.97	1.00
	1350	635	37.8	11.1	1.65	.81	.97	1.00	36.2	10.6	1.90	.83	.99	1.00	34.6	10.1	2.19	.85	1.00	1.00	33.0	9.7	2.52	.87	1.00	1.00
67°F (19°C)	885	420	36.4	10.7	1.65	.58	.70	.81	35.0	10.3	1.91	.59	.71	.83	33.4	9.8	2.20	.60	.72	.85	31.6	9.3	2.53	.61	.74	.87
	1085	510	38.5	11.3	1.64	.60	.74	.86	36.8	10.8	1.90	.61	.75	.88	35.0	10.3	2.19	.62	.77	.90	33.2	9.7	2.51	.63	.78	.93
	1350	635	40.0	11.7	1.64	.64	.79	.93	38.5	11.3	1.89	.65	.80	.95	36.6	10.7	2.18	.66	.82	.98	34.8	10.2	2.50	.67	.85	1.00
71°F (22°C)	885	420	38.5	11.3	1.64	.46	.57	.67	37.2	10.9	1.90	.46	.57	.69	35.6	10.4	2.18	.46	.58	.69	33.8	9.9	2.51	.46	.59	.71
	1085	510	40.5	11.9	1.64	.46	.59	.71	39.0	11.4	1.89	.47	.60	.72	37.4	11.0	2.17	.47	.61	.74	35.4	10.4	2.50	.48	.62	.76
	1350	635	43.0	12.6	1.64	.48	.62	.76	41.0	12.0	1.89	.49	.63	.78	39.0	11.4	2.16	.49	.64	.80	37.0	10.8	2.49	.49	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-60D-2F + G61MPV-60D-135]

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	2.95	.75	.89	1.00	45.5	13.3	3.30	.77	.91	1.00	43.0	12.6	3.69	.78	.93	1.00	40.5	11.9	4.13	.80	.96	1.00
	1600	755	49.0	14.4	2.97	.79	.93	1.00	47.0	13.8	3.32	.80	.95	1.00	44.5	13.0	3.71	.82	.97	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1720	810	50.0	14.7	2.98	.80	.95	1.00	47.5	13.9	3.33	.82	.97	1.00	45.0	13.2	3.72	.84	1.00	1.00	42.5	12.5	4.16	.86	1.00	1.00
67°F (19°C)	1385	655	50.5	14.8	2.98	.60	.73	.85	48.0	14.1	3.34	.61	.74	.87	46.0	13.5	3.73	.62	.76	.89	43.5	12.7	4.17	.63	.78	.92
	1600	755	52.0	15.2	3.00	.62	.76	.89	50.0	14.7	3.36	.63	.78	.91	47.5	13.9	3.75	.64	.79	.94	44.5	13.0	4.19	.66	.82	.97
	1720	810	53.0	15.5	3.01	.64	.78	.92	50.5	14.8	3.37	.64	.79	.94	48.0	14.1	3.76	.66	.82	.97	45.0	13.2	4.20	.67	.84	.99
71°F (22°C)	1385	655	53.5	15.7	3.02	.47	.59	.71	51.0	14.9	3.38	.47	.59	.72	48.5	14.2	3.77	.47	.61	.73	46.0	13.5	4.21	.48	.62	.75
	1600	755	55.0	16.1	3.04	.48	.60	.73	52.5	15.4	3.40	.48	.62	.75	50.0	14.7	3.79	.49	.63	.77	47.5	13.9	4.24	.49	.64	.79
	1720	810	56.0	16.4	3.05	.48	.62	.75	53.5	15.7	3.41	.49	.63	.77	51.0	14.9	3.80	.49	.64	.79	48.0	14.1	4.24	.50	.66	.81

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-62D-2F + G60UHV-60D-135]

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)	1066	505	34.4	10.1	1.91	.77	.91	1.00	32.8	9.6	2.20	.79	.93	1.00	31.0	9.1	2.53	.81	.96	1.00	29.2	8.6	2.92	.83	.99	1.00
	1140	540	35.0	10.3	1.91	.79	.93	1.00	33.2	9.7	2.20	.80	.96	1.00	31.6	9.3	2.53	.82	.98	1.00	29.6	8.7	2.91	.85	1.00	1.00
	1219	575	35.6	10.4	1.90	.80	.96	1.00	34.0	10.0	2.19	.82	.98	1.00	32.0	9.4	2.52	.84	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
67°F (19°C)	1066	505	36.6	10.7	1.90	.61	.74	.87	34.8	10.2	2.19	.62	.76	.90	33.0	9.7	2.51	.63	.78	.92	31.2	9.1	2.90	.65	.80	.95
	1140	540	37.2	10.9	1.90	.62	.76	.89	35.4	10.4	2.18	.63	.78	.92	33.6	9.8	2.51	.64	.80	.94	31.6	9.3	2.89	.66	.82	.98
	1219	575	37.8	11.1	1.89	.64	.78	.92	36.2	10.6	2.18	.65	.80	.94	34.2	10.0	2.51	.66	.82	.97	32.2	9.4	2.89	.67	.84	1.00
71°F (22°C)	1066	505	38.5	11.3	1.89	.47	.60	.72	37.0	10.8	2.18	.47	.61	.73	35.2	10.3	2.50	.47	.62	.75	33.2	9.7	2.88	.48	.63	.77
	1140	540	39.5	11.6	1.89	.47	.60	.73	37.6	11.0	2.17	.47	.62	.75	35.6	10.4	2.49	.48	.63	.77	33.6	9.8	2.88	.49	.64	.79
	1219	575	40.0	11.7	1.89	.48	.62	.75	38.5	11.3	2.17	.48	.63	.77	36.4	10.7	2.49	.49	.65	.79	34.2	10.0	2.87	.49	.66	.81

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-62D-2F + G60UHV-60D-135]

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)	1522	720	49.0	14.4	2.96	.77	.91	1.00	46.5	13.6	3.32	.79	.93	1.00	44.5	13.0	3.71	.80	.95	1.00	42.0	12.3	4.15	.83	.98	1.00
	1630	770	49.5	14.5	2.97	.78	.93	1.00	47.5	13.9	3.33	.80	.95	1.00	45.0	13.2	3.72	.82	.98	1.00	42.5	12.5	4.15	.84	1.00	1.00
	1763	830	50.5	14.8	2.98	.80	.95	1.00	48.0	14.1	3.34	.82	.98	1.00	46.0	13.5	3.73	.84	1.00	1.00	43.0	12.6	4.17	.87	1.00	1.00
67°F (19°C)	1522	720	51.5	15.1	3.00	.61	.75	.87	49.5	14.5	3.36	.62	.76	.90	47.0	13.8	3.75	.63	.78	.92	44.5	13.0	4.19	.65	.80	.95
	1630	770	52.5	15.4	3.01	.62	.76	.89	50.0	14.7	3.36	.63	.78	.92	47.5	13.9	3.76	.64	.80	.94	45.0	13.2	4.20	.66	.82	.97
	1763	830	53.5	15.7	3.02	.64	.78	.92	51.0	14.9	3.38	.65	.80	.94	48.5	14.2	3.77	.66	.82	.97	45.5	13.3	4.21	.68	.84	1.00
71°F (22°C)	1522	720	54.5	16.0	3.04	.47	.60	.72	52.5	15.4	3.39	.47	.61	.74	49.5	14.5	3.79	.48	.62	.75	47.0	13.8	4.23	.48	.63	.78
	1630	770	55.5	16.3	3.05	.48	.61	.74	53.0	15.5	3.40	.48	.62	.75	50.5	14.8	3.80	.48	.63	.77	47.5	13.9	4.24	.49	.64	.79
	1763	830	56.5	16.6	3.06	.48	.62	.76	54.0	15.8	3.41	.49	.63	.77	51.0	14.9	3.81	.49	.65	.79	48.0	14.1	4.25	.50	.66	.82

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CH33-62D-2F + G61MPV-60D-135]

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	34.0	10.0	1.66	.73	.85	.96	32.8	9.6	1.92	.74	.86	.98	31.2	9.1	2.21	.75	.88	1.00	29.6	8.7	2.55	.77	.91	1.00
	1085	510	36.0	10.6	1.65	.76	.90	1.00	34.4	10.1	1.91	.78	.92	1.00	32.8	9.6	2.20	.79	.94	1.00	31.2	9.1	2.53	.81	.97	1.00
	1350	635	38.0	11.1	1.65	.81	.97	1.00	36.4	10.7	1.90	.83	.99	1.00	34.6	10.1	2.19	.85	1.00	1.00	33.0	9.7	2.51	.87	1.00	1.00
67°F (19°C)	885	420	36.2	10.6	1.65	.59	.70	.81	34.8	10.2	1.91	.59	.71	.83	33.2	9.7	2.20	.60	.72	.84	31.6	9.3	2.52	.61	.74	.87
	1085	510	38.5	11.3	1.64	.61	.74	.86	36.6	10.7	1.90	.62	.75	.88	35.0	10.3	2.19	.62	.76	.90	33.2	9.7	2.51	.64	.78	.93
	1350	635	40.5	11.9	1.64	.64	.79	.93	38.5	11.3	1.89	.65	.80	.95	37.0	10.8	2.18	.66	.82	.98	35.0	10.3	2.50	.67	.84	1.00
71°F (22°C)	885	420	38.5	11.3	1.64	.46	.57	.68	37.0	10.8	1.90	.46	.58	.69	35.4	10.4	2.18	.46	.58	.70	33.6	9.8	2.51	.47	.59	.71
	1085	510	40.5	11.9	1.64	.46	.59	.71	39.0	11.4	1.89	.47	.60	.72	37.2	10.9	2.17	.47	.61	.74	35.2	10.3	2.50	.48	.62	.76
	1350	635	42.5	12.5	1.64	.48	.62	.76	41.0	12.0	1.88	.48	.64	.78	39.0	11.4	2.16	.49	.65	.79	37.2	10.9	2.48	.50	.66	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CH33-62D-2F + G61MPV-60D-135]

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	2.95	.75	.88	1.00	46.0	13.5	3.31	.77	.90	1.00	43.5	12.7	3.70	.78	.93	1.00	41.0	12.0	4.13	.80	.95	1.00
	1600	755	49.5	14.5	2.97	.78	.92	1.00	47.5	13.9	3.33	.80	.95	1.00	45.0	13.2	3.72	.82	.97	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1720	810	50.5	14.8	2.98	.80	.95	1.00	48.0	14.1	3.34	.82	.97	1.00	45.5	13.3	3.73	.84	.99	1.00	43.0	12.6	4.17	.86	1.00	1.00
67°F (19°C)	1385	655	50.5	14.8	2.99	.60	.73	.85	48.5	14.2	3.34	.61	.74	.87	46.0	13.5	3.73	.62	.76	.89	43.5	12.7	4.17	.63	.78	.92
	1600	755	52.5	15.4	3.01	.62	.76	.89	50.0	14.7	3.36	.63	.78	.91	47.5	13.9	3.75	.65	.79	.94	45.0	13.2	4.20	.66	.82	.97
	1720	810	53.0	15.5	3.02	.64	.78	.91	51.0	14.9	3.37	.65	.79	.94	48.5	14.2	3.76	.66	.81	.96	45.5	13.3	4.20	.67	.84	.99
71°F (22°C)	1385	655	53.5	15.7	3.02	.47	.59	.70	51.0	14.9	3.38	.47	.60	.72	49.0	14.4	3.77	.47	.61	.73	46.0	13.5	4.22	.48	.62	.75
	1600	755	55.5	16.3	3.04	.48	.61	.74	53.0	15.5	3.40	.48	.62	.75	50.5	14.8	3.79	.49	.63	.77	47.5	13.9	4.24	.49	.64	.79
	1720	810	56.0	16.4	3.05	.48	.62	.75	53.5	15.7	3.41	.49	.63	.77	51.0	14.9	3.81	.49	.65	.79	48.0	14.1	4.25	.50	.66	.81

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CBX32M-036] [CBX32M-042] [CB30M-41] [CB30M-46]

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	33.6	9.8	1.91	.78	.94	1.00	32.0	9.4	2.21	.80	.96	1.00	30.4	8.9	2.54	.82	.98	1.00	28.6	8.4	2.93	.85	1.00	1.00
	1200	565	34.2	10.0	1.91	.80	.96	1.00	32.6	9.6	2.20	.82	.98	1.00	31.0	9.1	2.53	.85	1.00	1.00	29.4	8.6	2.92	.87	1.00	1.00
	2450	1155	40.5	11.9	1.89	1.00	1.00	1.00	39.0	11.4	2.17	1.00	1.00	1.00	36.8	10.8	2.49	1.00	1.00	1.00	34.8	10.2	2.86	1.00	1.00	1.00
67°F (19°C)	1100	520	35.8	10.5	1.90	.61	.76	.90	34.2	10.0	2.19	.62	.78	.92	32.4	9.5	2.52	.64	.79	.95	30.4	8.9	2.91	.65	.82	.97
	1200	565	36.6	10.7	1.90	.62	.78	.93	34.8	10.2	2.19	.64	.80	.95	33.0	9.7	2.52	.65	.82	.97	31.0	9.1	2.90	.67	.85	.99
	2450	1155	41.0	12.0	1.89	.77	.99	1.00	39.0	11.4	2.16	.79	1.00	1.00	36.8	10.8	2.49	.82	1.00	1.00	34.8	10.2	2.86	.85	1.00	1.00
71°F (22°C)	1100	520	38.0	11.1	1.89	.46	.60	.73	36.4	10.7	2.18	.47	.61	.75	34.4	10.1	2.50	.47	.62	.77	32.4	9.5	2.88	.47	.64	.79
	1200	565	38.5	11.3	1.89	.47	.61	.75	37.0	10.8	2.17	.47	.62	.77	35.0	10.3	2.50	.47	.64	.79	33.0	9.7	2.88	.48	.65	.82
	2450	1155	43.5	12.7	1.88	.53	.77	.97	41.0	12.0	2.15	.54	.78	.99	39.0	11.4	2.47	.55	.81	1.00	36.4	10.7	2.85	.56	.84	1.00

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CBX32M-036] [CBX32M-042] [CB30M-41] [CB30M-46]

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	45.5	13.3	2.93	.76	.90	1.00	43.5	12.7	3.28	.77	.92	1.00	41.5	12.2	3.67	.79	.95	1.00	39.0	11.4	4.10	.81	.97	1.00
	1500	710	46.5	13.6	2.93	.77	.92	1.00	44.0	12.9	3.29	.79	.95	1.00	42.0	12.3	3.67	.81	.97	1.00	39.5	11.6	4.11	.83	.99	1.00
	1550	730	46.5	13.6	2.94	.78	.93	1.00	44.5	13.0	3.29	.80	.95	1.00	42.0	12.3	3.67	.82	.97	1.00	39.5	11.6	4.11	.84	.99	1.00
67°F (19°C)	1400	660	48.5	14.2	2.96	.60	.74	.87	46.0	13.5	3.31	.61	.75	.89	44.0	12.9	3.70	.62	.77	.91	41.5	12.2	4.14	.63	.79	.94
	1500	710	49.0	14.4	2.97	.61	.75	.89	47.0	13.8	3.32	.62	.77	.91	44.5	13.0	3.71	.63	.78	.94	42.0	12.3	4.15	.64	.81	.96
	1550	730	49.5	14.5	2.97	.61	.76	.90	47.0	13.8	3.33	.62	.77	.92	44.5	13.0	3.71	.63	.79	.95	42.0	12.3	4.15	.65	.82	.97
71°F (22°C)	1400	660	51.0	14.9	2.99	.46	.59	.71	48.5	14.2	3.34	.46	.60	.73	46.5	13.6	3.74	.46	.61	.74	44.0	12.9	4.18	.47	.62	.76
	1500	710	52.0	15.2	3.00	.46	.60	.73	49.5	14.5	3.35	.46	.60	.74	47.0	13.8	3.75	.47	.62	.76	44.5	13.0	4.19	.47	.63	.78
	1550	730	52.0	15.2	3.00	.46	.60	.73	50.0	14.7	3.36	.47	.61	.75	47.5	13.9	3.75	.47	.62	.77	44.5	13.0	4.19	.48	.64	.79

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CBX32M-048] [CB30M-51]

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	34.6	10.1	1.91	.78	.94	1.00	33.0	9.7	2.20	.80	.96	1.00	31.2	9.1	2.53	.82	.98	1.00	29.4	8.6	2.92	.85	1.00	1.00
	1200	565	35.4	10.4	1.91	.80	.96	1.00	33.8	9.9	2.19	.82	.98	1.00	32.0	9.4	2.53	.84	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
	1300	615	36.0	10.6	1.90	.82	.99	1.00	34.4	10.1	2.19	.84	1.00	1.00	32.8	9.6	2.52	.87	1.00	1.00	31.0	9.1	2.90	.90	1.00	1.00
67°F (19°C)	1100	520	37.0	10.8	1.90	.61	.76	.90	35.2	10.3	2.18	.62	.77	.92	33.4	9.8	2.51	.63	.79	.95	31.4	9.2	2.89	.65	.82	.98
	1200	565	37.8	11.1	1.90	.62	.78	.93	36.0	10.6	2.18	.64	.80	.95	34.0	10.0	2.51	.65	.82	.98	32.0	9.4	2.89	.66	.85	1.00
	1300	615	38.5	11.3	1.89	.64	.80	.95	36.4	10.7	2.18	.65	.82	.97	34.4	10.1	2.50	.66	.84	1.00	32.4	9.5	2.89	.68	.87	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.46	.60	.73	37.4	11.0	2.17	.46	.61	.75	35.6	10.4	2.50	.47	.62	.77	33.4	9.8	2.88	.47	.63	.79
	1200	565	40.0	11.7	1.89	.46	.61	.75	38.0	11.1	2.17	.47	.62	.77	36.2	10.6	2.49	.47	.63	.79	34.0	10.0	2.87	.48	.65	.82
	1300	615	40.5	11.9	1.88	.47	.62	.77	39.0	11.4	2.16	.47	.64	.79	36.8	10.8	2.48	.48	.65	.81	34.6	10.1	2.86	.49	.67	.84

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CBX32M-048] [CB30M-51]

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	2.95	.76	.90	1.00	45.5	13.3	3.30	.77	.92	1.00	43.0	12.6	3.69	.79	.95	1.00	40.5	11.9	4.13	.81	.97	1.00
	1600	755	49.0	14.4	2.97	.79	.94	1.00	46.5	13.6	3.32	.80	.96	1.00	44.5	13.0	3.71	.82	.98	1.00	42.0	12.3	4.14	.85	1.00	1.00
	1800	850	50.0	14.7	2.98	.82	.98	1.00	48.0	14.1	3.33	.84	.99	1.00	45.5	13.3	3.73	.86	1.00	1.00	43.0	12.6	4.17	.89	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.99	.60	.73	.86	48.5	14.2	3.34	.61	.75	.88	46.0	13.5	3.73	.62	.76	.91	43.0	12.6	4.17	.63	.79	.94
	1600	755	52.0	15.2	3.00	.62	.76	.91	49.5	14.5	3.36	.63	.78	.93	47.0	13.8	3.75	.64	.80	.96	44.0	12.9	4.19	.65	.82	.98
	1800	850	53.0	15.5	3.01	.63	.79	.95	50.5	14.8	3.37	.64	.81	.97	48.0	14.1	3.76	.66	.83	.99	45.0	13.2	4.20	.67	.86	1.00
71°F (22°C)	1400	660	53.5	15.7	3.02	.45	.58	.71	51.0	14.9	3.37	.45	.59	.72	48.5	14.2	3.77	.46	.60	.74	46.0	13.5	4.21	.47	.62	.76
	1600	755	55.0	16.1	3.04	.46	.60	.74	52.5	15.4	3.40	.46	.61	.76	50.0	14.7	3.79	.47	.62	.77	47.0	13.8	4.23	.47	.64	.80
	1800	850	56.0	16.4	3.06	.47	.62	.77	53.5	15.7	3.41	.47	.63	.79	51.0	14.9	3.80	.48	.65	.81	48.0	14.1	4.24	.49	.66	.84

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CBX32M-060] [CB30M-65]

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	34.8	10.2	1.91	.78	.93	1.00	33.2	9.7	2.20	.80	.95	1.00	31.4	9.2	2.53	.82	.98	1.00	29.6	8.7	2.92	.84	1.00	1.00
	1200	565	35.6	10.4	1.90	.80	.96	1.00	33.8	9.9	2.19	.82	.98	1.00	32.2	9.4	2.53	.84	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
	1300	615	36.2	10.6	1.90	.82	.98	1.00	34.6	10.1	2.19	.84	1.00	1.00	33.0	9.7	2.52	.87	1.00	1.00	31.2	9.1	2.90	.89	1.00	1.00
67°F (19°C)	1100	520	37.0	10.8	1.90	.61	.75	.89	35.2	10.3	2.18	.62	.77	.92	33.4	9.8	2.51	.63	.79	.94	31.4	9.2	2.90	.65	.81	.97
	1200	565	37.8	11.1	1.89	.62	.78	.92	36.0	10.6	2.18	.64	.79	.94	34.2	10.0	2.51	.65	.81	.97	32.0	9.4	2.89	.66	.84	1.00
	1300	615	38.5	11.3	1.89	.64	.80	.95	36.6	10.7	2.18	.65	.82	.97	34.8	10.2	2.50	.66	.84	.99	32.6	9.6	2.88	.68	.87	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.46	.60	.73	37.6	11.0	2.17	.46	.61	.75	35.6	10.4	2.50	.47	.62	.77	33.6	9.8	2.87	.48	.63	.79
	1200	565	40.0	11.7	1.89	.47	.61	.75	38.0	11.1	2.17	.47	.62	.77	36.2	10.6	2.49	.48	.63	.79	34.2	10.0	2.87	.48	.65	.81
	1300	615	41.0	12.0	1.88	.47	.62	.77	39.0	11.4	2.17	.48	.63	.79	36.8	10.8	2.49	.48	.65	.81	34.8	10.2	2.86	.49	.67	.84

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CBX32M-060] [CB30M-65]

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	2.95	.76	.89	1.00	46.0	13.5	3.31	.77	.91	1.00	43.5	12.7	3.70	.79	.94	1.00	41.0	12.0	4.14	.81	.96	1.00
	1600	755	49.5	14.5	2.97	.78	.93	1.00	47.0	13.8	3.33	.80	.95	1.00	45.0	13.2	3.72	.82	.98	1.00	42.0	12.3	4.15	.84	1.00	1.00
	1800	850	50.5	14.8	2.99	.81	.97	1.00	48.5	14.2	3.34	.83	.99	1.00	46.0	13.5	3.73	.85	1.00	1.00	43.5	12.7	4.17	.88	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	2.99	.60	.73	.86	48.5	14.2	3.34	.61	.74	.88	46.0	13.5	3.73	.62	.76	.90	43.5	12.7	4.18	.63	.78	.93
	1600	755	52.0	15.2	3.01	.61	.76	.90	50.0	14.7	3.36	.62	.78	.92	47.5	13.9	3.75	.64	.80	.95	44.5	13.0	4.19	.65	.82	.97
	1800	850	53.5	15.7	3.02	.63	.79	.94	51.0	14.9	3.37	.64	.81	.96	48.5	14.2	3.77	.66	.83	.98	45.5	13.3	4.21	.67	.85	1.00
71°F (22°C)	1400	660	53.5	15.7	3.02	.46	.58	.71	51.5	15.1	3.38	.46	.59	.72	49.0	14.4	3.77	.46	.60	.74	46.0	13.5	4.21	.47	.61	.76
	1600	755	55.0	16.1	3.04	.46	.60	.74	53.0	15.5	3.40	.47	.61	.75	50.0	14.7	3.79	.47	.62	.77	47.5	13.9	4.24	.48	.64	.79
	1800	850	56.5	16.6	3.06	.47	.62	.76	54.0	15.8	3.42	.47	.63	.78	51.5	15.1	3.81	.48	.64	.80	48.5	14.2	4.25	.49	.66	.83

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CBX32MV-036] [CBX32MV-042] [CB31MV-41]

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	32.8	9.6	1.92	.76	.90	1.00	31.2	9.1	2.21	.78	.93	1.00	29.6	8.7	2.55	.80	.95	1.00	28.0	8.2	2.94	.82	.98	1.00
	1080	510	33.4	9.8	1.91	.78	.93	1.00	31.8	9.3	2.21	.80	.95	1.00	30.2	8.9	2.54	.82	.98	1.00	28.4	8.3	2.93	.84	1.00	1.00
	1085	510	33.4	9.8	1.91	.78	.93	1.00	32.0	9.4	2.21	.80	.95	1.00	30.2	8.9	2.54	.82	.98	1.00	28.6	8.4	2.93	.84	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.91	.60	.74	.87	33.4	9.8	2.19	.61	.75	.89	31.8	9.3	2.53	.62	.77	.92	29.8	8.7	2.92	.63	.79	.95
	1080	510	35.8	10.5	1.90	.61	.75	.89	34.0	10.0	2.19	.62	.77	.91	32.2	9.4	2.52	.63	.79	.94	30.4	8.9	2.91	.65	.81	.97
	1085	510	35.8	10.5	1.90	.61	.75	.89	34.0	10.0	2.19	.62	.77	.92	32.2	9.4	2.52	.63	.79	.94	30.4	8.9	2.91	.65	.82	.97
71°F (22°C)	1000	470	37.2	10.9	1.90	.46	.58	.71	35.6	10.4	2.18	.46	.59	.72	33.8	9.9	2.51	.46	.60	.74	31.8	9.3	2.89	.47	.62	.77
	1080	510	37.8	11.1	1.90	.46	.59	.73	36.2	10.6	2.18	.46	.61	.74	34.2	10.0	2.50	.47	.62	.76	32.4	9.5	2.89	.47	.63	.79
	1085	510	38.0	11.1	1.89	.46	.60	.73	36.2	10.6	2.18	.46	.61	.74	34.4	10.1	2.50	.47	.62	.76	32.4	9.5	2.89	.47	.63	.79

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CBX32MV-036] [CBX32MV-042] [CB31MV-41]

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	45.5	13.3	2.93	.76	.90	1.00	43.5	12.7	3.28	.77	.92	1.00	41.5	12.2	3.67	.79	.95	1.00	39.0	11.4	4.10	.81	.97	1.00
	1545	730	46.5	13.6	2.94	.78	.93	1.00	44.5	13.0	3.29	.80	.95	1.00	42.0	12.3	3.68	.82	.97	1.00	39.5	11.6	4.11	.84	.99	1.00
	1550	730	46.5	13.6	2.94	.78	.93	1.00	44.5	13.0	3.29	.80	.95	1.00	42.0	12.3	3.67	.82	.97	1.00	39.5	11.6	4.11	.84	.99	1.00
67°F (19°C)	1400	660	48.5	14.2	2.96	.60	.74	.87	46.0	13.5	3.31	.61	.75	.89	44.0	12.9	3.70	.62	.77	.91	41.5	12.2	4.14	.63	.79	.94
	1545	730	49.5	14.5	2.97	.61	.76	.90	47.0	13.8	3.33	.62	.77	.92	44.5	13.0	3.71	.63	.79	.94	42.0	12.3	4.15	.65	.82	.97
	1550	730	49.5	14.5	2.97	.61	.76	.90	47.0	13.8	3.33	.62	.77	.92	44.5	13.0	3.71	.63	.79	.95	42.0	12.3	4.15	.65	.82	.97
71°F (22°C)	1400	660	51.0	14.9	2.99	.46	.59	.71	48.5	14.2	3.34	.46	.60	.73	46.5	13.6	3.74	.46	.61	.74	44.0	12.9	4.18	.47	.62	.76
	1545	730	52.0	15.2	3.00	.46	.60	.73	49.5	14.5	3.36	.47	.61	.75	47.5	13.9	3.75	.47	.62	.77	44.5	13.0	4.19	.48	.64	.79
	1550	730	52.0	15.2	3.00	.46	.60	.73	50.0	14.7	3.36	.47	.61	.75	47.5	13.9	3.75	.47	.62	.77	44.5	13.0	4.19	.48	.64	.79

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CBX32MV-048] [CB31MV-51]

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)	1089	515	34.6	10.1	1.91	.78	.93	1.00	32.8	9.6	2.20	.80	.96	1.00	31.2	9.1	2.53	.82	.98	1.00	29.4	8.6	2.92	.84	1.00	1.00
	1140	540	35.0	10.3	1.91	.79	.95	1.00	33.2	9.7	2.19	.81	.97	1.00	31.6	9.3	2.53	.83	.99	1.00	29.8	8.7	2.92	.86	1.00	1.00
	1205	570	35.4	10.4	1.91	.81	.97	1.00	33.8	9.9	2.19	.82	.98	1.00	32.0	9.4	2.53	.85	1.00	1.00	30.4	8.9	2.91	.88	1.00	1.00
67°F (19°C)	1089	515	36.8	10.8	1.90	.61	.75	.90	35.2	10.3	2.18	.62	.77	.92	33.2	9.7	2.51	.63	.79	.94	31.2	9.1	2.90	.65	.81	.97
	1140	540	37.2	10.9	1.90	.62	.76	.91	35.4	10.4	2.18	.63	.78	.93	33.6	9.8	2.51	.64	.80	.96	31.6	9.3	2.90	.65	.83	.99
	1205	570	37.8	11.1	1.90	.62	.78	.93	36.0	10.6	2.18	.64	.80	.95	34.0	10.0	2.51	.65	.82	.98	32.0	9.4	2.89	.67	.85	1.00
71°F (22°C)	1089	515	39.0	11.4	1.89	.46	.59	.73	37.4	11.0	2.17	.46	.60	.74	35.4	10.4	2.50	.46	.62	.76	33.4	9.8	2.88	.47	.63	.79
	1140	540	39.5	11.6	1.89	.46	.60	.74	37.8	11.1	2.17	.46	.61	.75	35.8	10.5	2.49	.47	.63	.78	33.6	9.8	2.87	.48	.64	.80
	1205	570	40.0	11.7	1.89	.46	.61	.75	38.0	11.1	2.17	.47	.62	.77	36.2	10.6	2.49	.47	.64	.79	34.0	10.0	2.87	.48	.65	.82

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CBX32MV-048] [CB31MV-51]

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	48.5	14.2	2.96	.78	.93	1.00	46.5	13.6	3.32	.80	.96	1.00	44.0	12.9	3.71	.82	.98	1.00	41.5	12.2	4.14	.84	1.00	1.00
	1625	765	49.0	14.4	2.97	.79	.95	1.00	47.0	13.8	3.32	.81	.97	1.00	44.5	13.0	3.71	.83	.99	1.00	42.0	12.3	4.15	.85	1.00	1.00
	1725	815	49.5	14.5	2.97	.81	.97	1.00	47.5	13.9	3.33	.82	.98	1.00	45.0	13.2	3.72	.85	1.00	1.00	42.5	12.5	4.16	.87	1.00	1.00
67°F (19°C)	1555	735	51.5	15.1	3.00	.61	.76	.90	49.5	14.5	3.35	.62	.77	.92	47.0	13.8	3.74	.63	.79	.95	44.0	12.9	4.18	.65	.82	.97
	1625	765	52.0	15.2	3.00	.62	.77	.91	49.5	14.5	3.36	.63	.78	.94	47.0	13.8	3.75	.64	.80	.96	44.5	13.0	4.19	.65	.83	.98
	1725	815	52.5	15.4	3.01	.63	.78	.93	50.5	14.8	3.37	.64	.80	.96	47.5	13.9	3.76	.65	.82	.98	45.0	13.2	4.19	.67	.85	1.00
71°F (22°C)	1555	735	54.5	16.0	3.04	.46	.60	.73	52.0	15.2	3.39	.46	.61	.75	49.5	14.5	3.78	.47	.62	.77	46.5	13.6	4.22	.47	.63	.79
	1625	765	55.0	16.1	3.04	.46	.60	.74	52.5	15.4	3.40	.46	.62	.76	50.0	14.7	3.79	.47	.63	.78	47.0	13.8	4.23	.48	.64	.80
	1725	815	55.5	16.3	3.05	.46	.61	.76	53.0	15.5	3.40	.47	.63	.78	50.5	14.8	3.80	.48	.64	.80	47.5	13.9	4.24	.48	.65	.82

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CBX32MV-060] [CB31MV-65]

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)	1089	515	34.8	10.2	1.91	.78	.93	1.00	33.2	9.7	2.20	.80	.95	1.00	31.4	9.2	2.53	.82	.97	1.00	29.6	8.7	2.92	.84	1.00	1.00
	1140	540	35.2	10.3	1.91	.79	.94	1.00	33.6	9.8	2.19	.81	.96	1.00	31.8	9.3	2.53	.83	.99	1.00	30.0	8.8	2.91	.85	1.00	1.00
	1205	570	35.6	10.4	1.90	.80	.96	1.00	34.0	10.0	2.19	.82	.98	1.00	32.2	9.4	2.53	.84	1.00	1.00	30.4	8.9	2.91	.87	1.00	1.00
67°F (19°C)	1089	515	36.8	10.8	1.90	.61	.75	.89	35.2	10.3	2.18	.62	.77	.91	33.4	9.8	2.51	.63	.79	.94	31.4	9.2	2.90	.65	.81	.97
	1140	540	37.2	10.9	1.90	.62	.76	.90	35.4	10.4	2.18	.63	.78	.93	33.8	9.9	2.51	.64	.80	.95	31.6	9.3	2.89	.65	.83	.98
	1205	570	37.6	11.0	1.89	.62	.78	.92	36.0	10.6	2.18	.64	.79	.95	34.2	10.0	2.51	.65	.82	.97	32.0	9.4	2.89	.67	.84	1.00
71°F (22°C)	1089	515	39.0	11.4	1.89	.46	.59	.73	37.4	11.0	2.17	.46	.60	.74	35.6	10.4	2.50	.47	.62	.76	33.4	9.8	2.88	.48	.63	.78
	1140	540	39.5	11.6	1.89	.46	.60	.74	37.8	11.1	2.17	.47	.61	.75	36.0	10.6	2.49	.47	.62	.77	33.8	9.9	2.87	.48	.64	.80
	1205	570	40.0	11.7	1.89	.47	.61	.75	38.5	11.3	2.17	.47	.62	.77	36.2	10.6	2.49	.48	.63	.79	34.2	10.0	2.87	.48	.65	.81

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CBX32MV-060] [CB31MV-65]

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	2.97	.78	.92	1.00	47.0	13.8	3.32	.79	.95	1.00	44.5	13.0	3.71	.81	.97	1.00	42.0	12.3	4.15	.84	.99	1.00
	1625	765	49.5	14.5	2.97	.79	.94	1.00	47.5	13.9	3.33	.80	.96	1.00	45.0	13.2	3.72	.82	.98	1.00	42.5	12.5	4.16	.85	1.00	1.00
	1725	815	50.0	14.7	2.98	.81	.96	1.00	48.0	14.1	3.33	.82	.98	1.00	45.5	13.3	3.73	.84	.99	1.00	43.0	12.6	4.17	.86	1.00	1.00
67°F (19°C)	1555	735	52.0	15.2	3.00	.61	.75	.89	49.5	14.5	3.36	.62	.77	.91	47.0	13.8	3.75	.63	.79	.94	44.5	13.0	4.19	.64	.81	.96
	1625	765	52.5	15.4	3.01	.62	.76	.90	50.0	14.7	3.36	.63	.78	.93	47.5	13.9	3.75	.64	.80	.95	44.5	13.0	4.19	.65	.82	.98
	1725	815	53.0	15.5	3.01	.63	.78	.92	50.5	14.8	3.37	.64	.80	.95	48.0	14.1	3.76	.65	.82	.97	45.0	13.2	4.20	.66	.84	.99
71°F (22°C)	1555	735	55.0	16.1	3.04	.46	.60	.73	52.5	15.4	3.39	.46	.61	.74	50.0	14.7	3.79	.47	.62	.76	47.0	13.8	4.23	.47	.63	.79
	1625	765	55.5	16.3	3.05	.46	.60	.74	53.0	15.5	3.40	.47	.61	.76	50.5	14.8	3.80	.47	.62	.78	47.5	13.9	4.24	.48	.64	.80
	1725	815	56.0	16.4	3.05	.47	.61	.75	53.5	15.7	3.41	.47	.62	.77	51.0	14.9	3.81	.48	.64	.79	48.0	14.1	4.24	.48	.65	.82

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CB30U-41/46]

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	33.8	9.9	1.91	.80	.95	1.00	32.2	9.4	2.20	.81	.97	1.00	30.6	9.0	2.54	.84	.99	1.00	28.8	8.4	2.93	.86	1.00	1.00
	1200	565	34.6	10.1	1.91	.82	.97	1.00	33.0	9.7	2.20	.84	.99	1.00	31.2	9.1	2.53	.86	1.00	1.00	29.6	8.7	2.92	.89	1.00	1.00
	2450	1155	40.5	11.9	1.89	1.00	1.00	1.00	39.0	11.4	2.16	1.00	1.00	1.00	37.0	10.8	2.48	1.00	1.00	1.00	35.0	10.3	2.86	1.00	1.00	1.00
67°F (19°C)	1100	520	36.2	10.6	1.90	.63	.77	.91	34.4	10.1	2.19	.64	.79	.93	32.6	9.6	2.52	.65	.81	.96	30.6	9.0	2.91	.67	.84	.98
	1200	565	36.8	10.8	1.90	.64	.79	.94	35.0	10.3	2.18	.65	.81	.96	33.2	9.7	2.52	.67	.84	.98	31.2	9.1	2.90	.69	.86	1.00
	2450	1155	41.0	12.0	1.88	.78	.99	1.00	39.0	11.4	2.16	.80	1.00	1.00	37.0	10.8	2.49	.83	1.00	1.00	35.0	10.3	2.86	.86	1.00	1.00
71°F (22°C)	1100	520	38.5	11.3	1.89	.48	.61	.74	36.6	10.7	2.18	.48	.62	.76	34.6	10.1	2.50	.49	.64	.78	32.6	9.6	2.88	.50	.65	.81
	1200	565	39.0	11.4	1.89	.48	.63	.77	37.2	10.9	2.17	.49	.64	.79	35.4	10.4	2.50	.50	.65	.81	33.2	9.7	2.88	.50	.67	.83
	2450	1155	43.5	12.7	1.88	.54	.78	.98	41.0	12.0	2.15	.55	.80	.99	39.0	11.4	2.47	.57	.83	1.00	36.6	10.7	2.85	.58	.85	1.00

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CB30U-41/46]

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	2.93	.77	.91	1.00	44.0	12.9	3.28	.79	.93	1.00	41.5	12.2	3.67	.81	.96	1.00	39.0	11.4	4.11	.83	.98	1.00
	1500	710	46.5	13.6	2.94	.79	.94	1.00	44.5	13.0	3.29	.80	.96	1.00	42.0	12.3	3.68	.82	.98	1.00	39.5	11.6	4.11	.85	.99	1.00
	1550	730	47.0	13.8	2.94	.80	.95	1.00	44.5	13.0	3.29	.81	.97	1.00	42.5	12.5	3.68	.83	.98	1.00	40.0	11.7	4.12	.86	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.96	.62	.75	.88	46.5	13.6	3.32	.63	.76	.90	44.0	12.9	3.71	.64	.78	.93	41.5	12.2	4.14	.65	.80	.95
	1500	710	49.5	14.5	2.97	.62	.76	.90	47.0	13.8	3.32	.64	.78	.92	44.5	13.0	3.71	.65	.80	.95	42.0	12.3	4.15	.66	.82	.97
	1550	730	49.5	14.5	2.97	.63	.77	.91	47.5	13.9	3.33	.64	.79	.93	45.0	13.2	3.72	.65	.81	.96	42.5	12.5	4.16	.67	.83	.98
71°F (22°C)	1400	660	51.5	15.1	2.99	.47	.60	.72	49.0	14.4	3.35	.48	.61	.74	46.5	13.6	3.74	.48	.62	.76	44.0	12.9	4.18	.49	.64	.78
	1500	710	52.0	15.2	3.00	.48	.61	.74	49.5	14.5	3.36	.48	.62	.76	47.0	13.8	3.75	.49	.63	.78	44.5	13.0	4.19	.49	.65	.80
	1550	730	52.5	15.4	3.01	.48	.61	.75	50.0	14.7	3.36	.49	.63	.76	47.5	13.9	3.75	.49	.64	.78	45.0	13.2	4.20	.50	.66	.81

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CB30U-51]

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	34.4	10.1	1.91	.80	.94	1.00	32.8	9.6	2.20	.82	.96	1.00	31.2	9.1	2.53	.84	.99	1.00	29.4	8.6	2.92	.86	1.00	1.00
	1200	565	35.2	10.3	1.91	.82	.97	1.00	33.6	9.8	2.20	.84	.99	1.00	31.8	9.3	2.52	.86	1.00	1.00	30.2	8.9	2.91	.88	1.00	1.00
	1300	615	36.0	10.6	1.90	.84	.99	1.00	34.2	10.0	2.19	.86	1.00	1.00	32.8	9.6	2.51	.88	1.00	1.00	31.2	9.1	2.90	.91	1.00	1.00
67°F (19°C)	1100	520	36.6	10.7	1.90	.63	.77	.91	35.0	10.3	2.18	.64	.79	.93	33.2	9.7	2.51	.65	.81	.95	31.2	9.1	2.90	.67	.83	.98
	1200	565	37.4	11.0	1.90	.64	.79	.93	35.6	10.4	2.18	.65	.81	.95	33.6	9.8	2.51	.67	.83	.98	31.6	9.3	2.89	.68	.86	1.00
	1300	615	38.0	11.1	1.89	.66	.81	.96	36.2	10.6	2.18	.67	.83	.98	34.2	10.0	2.50	.68	.86	1.00	32.2	9.4	2.89	.70	.89	1.00
71°F (22°C)	1100	520	39.0	11.4	1.89	.48	.61	.74	37.4	11.0	2.17	.48	.63	.76	35.4	10.4	2.50	.49	.64	.78	33.4	9.8	2.88	.49	.65	.81
	1200	565	40.0	11.7	1.89	.48	.63	.76	38.0	11.1	2.17	.49	.64	.78	36.0	10.6	2.49	.49	.65	.80	34.0	10.0	2.87	.50	.67	.83
	1300	615	40.5	11.9	1.89	.49	.64	.79	38.5	11.3	2.17	.50	.66	.81	36.6	10.7	2.49	.51	.67	.83	34.6	10.1	2.87	.51	.69	.86

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CB30U-51]

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	2.95	.77	.91	1.00	45.0	13.2	3.30	.79	.93	1.00	43.0	12.6	3.69	.80	.95	1.00	40.5	11.9	4.13	.83	.98	1.00
	1600	755	48.5	14.2	2.96	.80	.95	1.00	46.5	13.6	3.32	.82	.97	1.00	44.5	13.0	3.71	.84	.99	1.00	42.0	12.3	4.15	.86	1.00	1.00
	1800	850	50.0	14.7	2.98	.83	.98	1.00	48.0	14.1	3.34	.85	1.00	1.00	45.5	13.3	3.73	.87	1.00	1.00	43.5	12.7	4.17	.90	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.98	.61	.75	.88	48.0	14.1	3.34	.62	.76	.90	45.5	13.3	3.73	.64	.78	.92	43.0	12.6	4.17	.65	.80	.95
	1600	755	51.5	15.1	3.00	.63	.78	.92	49.5	14.5	3.35	.64	.79	.94	47.0	13.8	3.74	.66	.81	.96	44.0	12.9	4.18	.67	.84	.99
	1800	850	53.0	15.5	3.01	.65	.81	.96	50.5	14.8	3.37	.66	.83	.98	48.0	14.1	3.76	.68	.85	.99	45.0	13.2	4.19	.70	.88	1.00
71°F (22°C)	1400	660	53.0	15.5	3.02	.47	.60	.72	51.0	14.9	3.37	.48	.61	.74	48.5	14.2	3.77	.48	.62	.75	46.0	13.5	4.21	.49	.64	.78
	1600	755	55.0	16.1	3.04	.48	.62	.75	52.5	15.4	3.39	.48	.63	.77	49.5	14.5	3.79	.49	.64	.79	47.0	13.8	4.23	.50	.66	.81
	1800	850	56.0	16.4	3.05	.49	.64	.78	53.5	15.7	3.41	.50	.65	.80	51.0	14.9	3.81	.50	.67	.83	48.0	14.1	4.25	.51	.69	.85

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-048 with [CB30U-65]

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	1.91	.80	.95	1.00	33.2	9.7	2.19	.82	.97	1.00	31.6	9.3	2.52	.84	.99	1.00	30.0	8.8	2.92	.87	1.00	1.00
	1200	565	35.6	10.4	1.90	.82	.97	1.00	34.0	10.0	2.19	.84	.99	1.00	32.4	9.5	2.52	.86	1.00	1.00	30.8	9.0	2.90	.89	1.00	1.00
	1300	615	36.4	10.7	1.90	.84	1.00	1.00	34.8	10.2	2.19	.87	1.00	1.00	33.2	9.7	2.51	.89	1.00	1.00	31.6	9.3	2.89	.92	1.00	1.00
67°F (19°C)	1100	520	37.2	10.9	1.90	.63	.77	.91	35.6	10.4	2.18	.64	.79	.94	33.6	9.8	2.51	.65	.81	.96	31.6	9.3	2.90	.67	.84	.99
	1200	565	38.0	11.1	1.89	.64	.79	.94	36.2	10.6	2.18	.65	.81	.96	34.2	10.0	2.50	.66	.83	.99	32.2	9.4	2.89	.68	.86	1.00
	1300	615	38.5	11.3	1.89	.66	.82	.97	36.8	10.8	2.17	.67	.84	.99	34.8	10.2	2.50	.69	.86	1.00	32.6	9.6	2.88	.71	.90	1.00
71°F (22°C)	1100	520	39.5	11.6	1.89	.48	.61	.75	37.8	11.1	2.17	.48	.63	.76	35.8	10.5	2.49	.49	.64	.78	33.8	9.9	2.87	.50	.65	.81
	1200	565	40.5	11.9	1.89	.48	.62	.76	38.5	11.3	2.17	.48	.64	.78	36.4	10.7	2.49	.49	.65	.80	34.2	10.0	2.87	.50	.67	.83
	1300	615	41.0	12.0	1.88	.49	.64	.79	39.0	11.4	2.16	.50	.66	.81	37.2	10.9	2.49	.50	.67	.83	34.8	10.2	2.86	.51	.69	.86

SECOND STAGE COOLING CAPACITY - HSXA16-048 with [CB30U-65]

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	2.95	.77	.91	1.00	46.0	13.5	3.31	.79	.94	1.00	43.5	12.7	3.70	.81	.96	1.00	41.0	12.0	4.14	.83	.98	1.00
	1600	755	49.0	14.4	2.97	.80	.96	1.00	47.0	13.8	3.32	.82	.97	1.00	45.0	13.2	3.72	.84	.99	1.00	42.5	12.5	4.15	.87	1.00	1.00
	1800	850	50.5	14.8	2.99	.84	.99	1.00	48.5	14.2	3.34	.86	1.00	1.00	46.0	13.5	3.73	.88	1.00	1.00	44.0	12.9	4.18	.91	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.99	.62	.75	.88	48.5	14.2	3.34	.62	.76	.90	46.0	13.5	3.74	.64	.78	.93	43.5	12.7	4.18	.65	.81	.96
	1600	755	52.5	15.4	3.01	.63	.78	.92	50.0	14.7	3.36	.64	.80	.94	47.5	13.9	3.75	.66	.82	.97	44.5	13.0	4.19	.67	.84	.99
	1800	850	53.5	15.7	3.02	.65	.81	.96	51.0	14.9	3.38	.67	.83	.98	48.5	14.2	3.77	.68	.86	1.00	45.5	13.3	4.20	.70	.88	1.00
71°F (22°C)	1400	660	54.0	15.8	3.03	.47	.60	.72	51.5	15.1	3.38	.48	.61	.74	49.0	14.4	3.78	.48	.62	.76	46.0	13.5	4.22	.49	.64	.78
	1600	755	55.5	16.3	3.04	.48	.62	.75	53.0	15.5	3.40	.48	.63	.77	50.0	14.7	3.79	.49	.64	.79	47.5	13.9	4.23	.50	.66	.82
	1800	850	56.5	16.6	3.06	.49	.64	.79	54.0	15.8	3.42	.50	.65	.81	51.5	15.1	3.81	.50	.67	.83	48.5	14.2	4.25	.51	.69	.86

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-44/48B/C-6F] [C33-48B/C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-44/48B/C-6F] [C33-48B/C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-50/60C-6F] [C33-50/60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-50/60C-6F] [C33-50/60C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-60D-6F] [C33-60D]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-60D-6F] [C33-60D]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-62D-6F] [C33-62D]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-62D-6F] [C33-62D]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-44/48C-6F + G60UHV-60C] [C33-48C + G60UHV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-44/48C-6F + G60UHV-60C] [C33-48C + G60UHV-60C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-44/48C-6F + G61MPV-60C] [C33-48C + G61MPV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-44/48C-6F + G61MPV-60C] [C33-48C + G61MPV-60C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-50/60C-6F + G60UHV-60C] [C33-50/60C + G60UHV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-50/60C-6F + G60UHV-60C] [C33-50/60C + G60UHV-60C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-50/60C-6F + G61MPV-60C] [C33-50/60C + G61MPV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-50/60C-6F + G61MPV-60C] [C33-50/60C + G61MPV-60C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-60D-6F + G60UHV-60D-135] [C33-60D + G60UHV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-60D-6F + G60UHV-60D-135] [C33-60D + G60UHV-60D-135]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-60D-6F + G61MPV-60D-135] [C33-60D + G61MPV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-60D-6F + G61MPV-60D-135] [C33-60D + G61MPV-60D-135]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

UP-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-62D-6F + G60UHV-60D-135] [C33-62D + G60UHV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-62D-6F + G60UHV-60D-135] [C33-62D + G60UHV-60D-135]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CX34-62D-6F + G61MPV-60D-135] [C33-62D + G61MPV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CX34-62D-6F + G61MPV-60D-135] [C33-62D + G61MPV-60D-135]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CR26-48N/W-F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CR26-48N/W-F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CR26-60N/W-F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CR26-60N/W-F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

DOWN-FLOW INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CR26-48N-F + G60DFV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CR26-48N-F + G60DFV-60C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CR26-60W-F + G60DFV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CR26-60W-F + G60DFV-60D-135]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH23-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH23-51]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH23-65]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH23-65]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH23-68]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH23-68]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-50/60C-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-50/60C-2F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-60D-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-60D-2F]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-62D-2F]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-62D-2F]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-50/60C-2F + G60UHV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-50/60C-2F + G60UHV-60C]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-50/60C-2F + G61MPV-60C]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-50/60C-2F + G61MPV-60C]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-60D-2F + G60UHV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-60D-2F + G60UHV-60D-135]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-60D-2F + G61MPV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-60D-2F + G61MPV-60D-135]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

HORIZONTAL INDOOR COILS + FURNACE

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-62D-2F + G60UHV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-62D-2F + G60UHV-60D-135]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CH33-62D-2F + G61MPV-60D-135]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CH33-62D-2F + G61MPV-60D-135]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CBX32MV-048] [CB31MV-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CBX32MV-048] [CB31MV-51]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CBX32MV-060] [CB31MV-65]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CBX32MV-060] [CB31MV-65]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CBX32M-048] [CB30M-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CBX32M-048] [CB30M-51]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CBX32M-060] [CB30M-65]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CBX32M-060] [CB30M-65]

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

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.
The following units have the same ratings and are listed together: [CBX32M/CB31M/CB30U] [CBX32MV/CB31MV] air handlers.

AIR HANDLERS

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CB30U-51]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CB30U-51]

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

FIRST STAGE COOLING CAPACITY - HSXA16-060 with [CB30U-65]

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

SECOND STAGE COOLING CAPACITY - HSXA16-060 with [CB30U-65]

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

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

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