LENNOX

ENGINEERING DATA

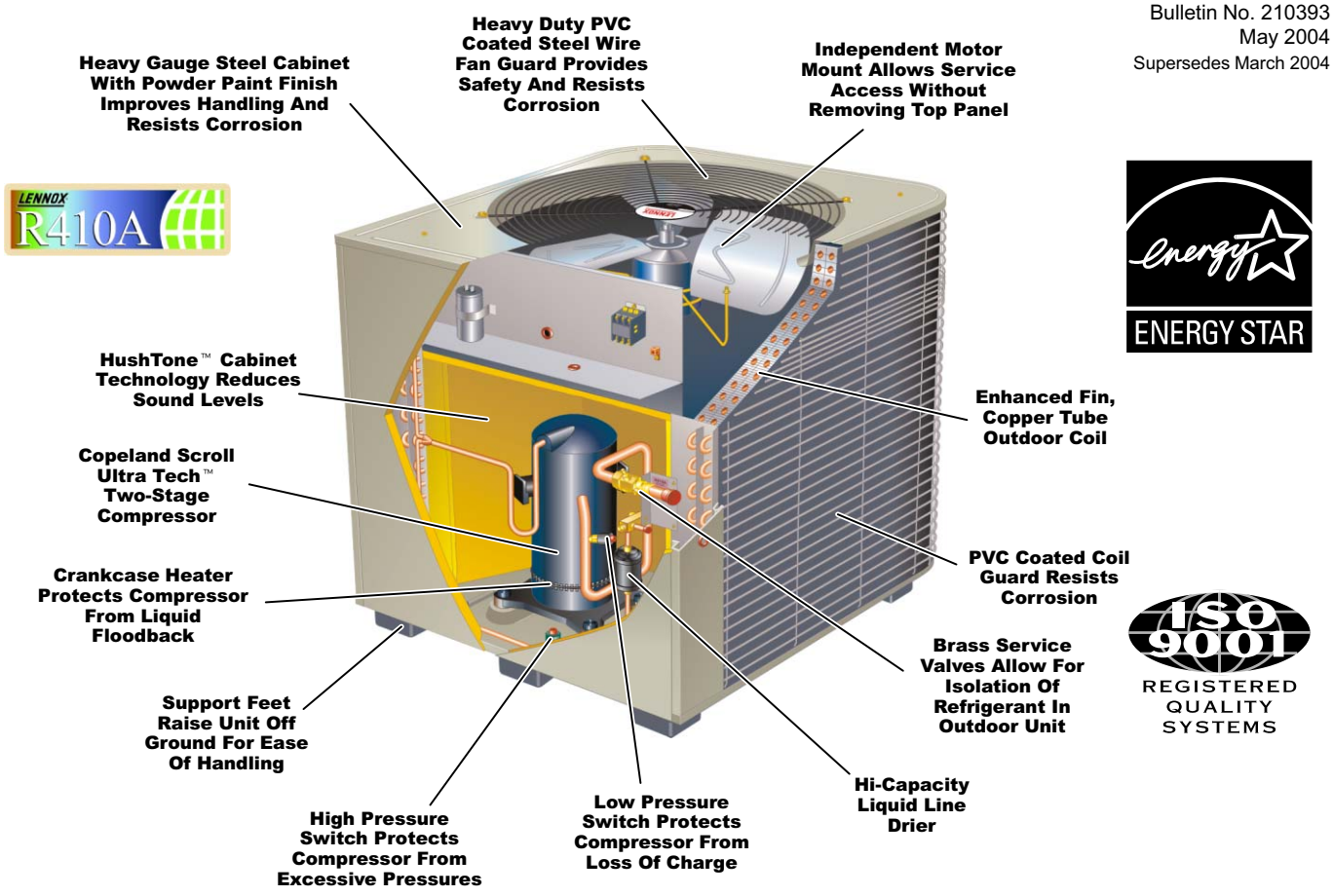
SS

S-CLASS SPLIT SYSTEM AIR CONDITIONING UNITS - 60HZ

3 to 5 Tons

SEER up to 17.25

Bulletin No. 210393
May 2004
Supersedes March 2004



MODEL NUMBER IDENTIFICATION

S S A 036 H 4 - - 1 Y

Family

Unit Type
S = Split System Air Conditioner
P = Split System Heat Pump

Major Design Sequence
A = 1st Generation
B = 2nd Generation
C = 3rd Generation
E - 4th Generation

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

Efficiency
S = Standard Efficiency
H = High Efficiency

Refrigerant
2 = R-22
4 = R-410A

Minor Revision Number
1 = 1st Revision
2 = 2nd Revision
3 = 3rd Revision

Voltage
Y = 208/230V-3ph-60hz
G = 460V-3ph-60hz

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CERTIFICATIONS

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.

Condensing 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.

CABINET

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

Powder paint finish provides superior rust and corrosion protection.

Painted base section.

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

Control box is conveniently located with all controls factory wired.

Large removable panel provides service access.

Drainage holes are provided in base section for moisture removal.

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

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

Refrigerant Line Connections, Electrical Inlets and Service Valves

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

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

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

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

REFRIGERATION SYSTEM

Refrigerant

Non-chlorine, ozone friendly, R-410A.

Unit pre-charged with refrigerant. See Specification table.

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.

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 furnished as standard.

High Pressure Switch

Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting.

Protects compressor from excessive condensing pressure.

Manual reset.

Low Pressure Switch

Shuts off unit if suction pressure falls below setting.

Provides loss of charge and freeze-up protection.

Automatic reset.

Condenser Fan

Direct drive fan moves large air volumes uniformly through entire condenser coil for high refrigerant cooling capacity.

Vertical air discharge minimizes operating sounds and provides locating flexibility.

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.

Corrosion resistant PVC (polyvinyl chloride) coated steel wire fan guard is furnished as standard.

Fan service access accomplished by removal of fan guard.

FEATURES AND BENEFITS

COMPRESSOR

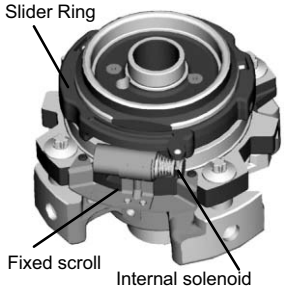
Copeland Scroll Ultra Tech™ Two-Stage Compressor

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

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

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

As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced. When pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls.



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

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

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

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

Low gas pulses during compression reduces operational sound levels.

Compressor motor is internally protected from excessive current and temperature.

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

Crankcase Heater

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

SUMMARY

SEER up to 17.25.

3 through 5 ton (10.6 through 17.6 kW).

Three 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 blower powered or add-on furnace evaporator units provide a wide range of cooling capacities and applications. See ARI Ratings tables.

System can operate from 45°F (7°C) to 125°F (52°C) without any additional controls.

For evaporator unit data, see Coils section and Blower Coil Units section.

Units shipped completely factory assembled, piped, and wired. Each unit is test operated at the factory insuring proper operation.

Installer must set condensing unit, connect refrigerant lines, and make electrical connections to complete job.

WARRANTY

Compressor - limited warranty for five years.

All other covered components - one year.

Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

CONTROLS

Compressor Timed-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

Freezestat

Installs on or near the outlet line of the evaporator.
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).

Low Ambient Kits

Condensing units will operate satisfactorily down to 45°F (7°C) outdoor air temperature without any additional controls.
Kits can be added in the field enabling unit to operate properly down to 30°F (-1°C) or 0°F (-18°C).
Freezestat is required when a low ambient kit is used.
On 0°F (-18°C) kits condenser fan motor and run capacitor must be replaced (order separately).
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 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.

CABINET

Hail Guards

Constructed of flat steel wire mesh painted to match cabinet.
Surrounds unit on all three coil sides to prevent damage to the coil.

Mounting Base

Provides permanent foundation for units.
High density polyethylene structural material is lightweight, sturdy, sound absorbing and will withstand the rigors of the sun, heat, cold, moisture, oil and refrigerant. Will not mildew or rot.
Can be shipped singly or in packages of 6 to a carton.

REFRIGERATION SYSTEM

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 SSA060 model and must be field fabricated.

Expansion Valve Kits

Must be ordered extra and field installed on certain evaporator units. See ARI Ratings tables.
Chatleff style fitting.

FIELD INSTALLED ACCESSORIES

Model No.			SSA036H4	SSA048H4	SSA060H4
Compressor Low Ambient Cut-Off			**45F08**	**45F08**	**45F08**
Compressor Time-Off Control			**47J27**	**47J27**	**47J27**
Freezestat		3/8 in. tubing	**93G35**	**93G35**	**93G35**
		1/2 in. tubing	**39H29**	**39H29**	**39H29**
		5/8 in. tubing	**50A93**	**50A93**	**50A93**
Hail Guards			**79M17**	**79M15**	**79M16**
Indoor Blower Speed Relay Kit			**40K58**	**40K58**	**40K58**
[1] **Low Ambient Kits**		to 30°F (-1°C)	**34M72**	**34M72**	**34M72**
	[2] to 0°F (-18°C)	Controller	**43N88**	**43N88**	**43N88**
		Condenser Fan Motor - 208/230V	**69H73**	**69H73**	**69H73**
		460V	**69H74**	**69H74**	**69H74**
		Run Capacitor	**53H32**	**53H32**	**53H32**
Mounting Base		Catalog No. (Model No.)	**69J07** (MB2-L)	**69J07** (MB2-L)	**69J07** (MB2-L)
		Net Weight	15 lbs. (7 kg)	15 lbs. (7 kg)	15 lbs. (7 kg)
		Dimensions - in. (mm)	32 x 34 x 3 (813 x 864 x 76)	32 x 34 x 3 (813 x 864 x 76)	32 x 34 x 3 (813 x 864 x 76)
Refrigerant Line Set		15 ft. (4.6 m) length	L15-65-15	L15-65-15	Field Fabricate
		30 ft. (9 m) length	L15-65-30	L15-65-30	Field Fabricate
		40 ft. (12 m) length	L15-65-40	L15-65-40	Field Fabricate
		50 ft. (15 m) length	L15-65-50	L15-65-50	Field Fabricate
Time Delay Relay Kit			**58M81**	**58M81**	**58M81**

[1] 3/8 in. Freezestat must be ordered separately.
[2] Condenser fan motor and capacitor must be replaced (order separately).

SPECIFICATIONS

General Data	Nominal Tonnage / Model No.	3 SSA036H4	4 SSA048H4	5 SSA060H4
[1] Cooling Performance	Net cooling capacity - Btuh (kW)	37,000 (10.8)	49,000 (14.4)	59,000 (17.3)
	Total unit watts	2935	4085	5310
	SEER	17.25	16.35	15.30
	EER	12.60	12.30	11.35
	[2] Sound Rating Number (dB)	72	75	76
Refrigerant	[3] R-410A charge furnished	8 lbs. 5 oz (3.77 kg)	8 lbs. 13 oz (4.00 kg)	11 lbs. 7 oz (5.19 kg)
Compressor Type (No.)		Copeland Scroll Ultra Tech™ Two-Stage (1)	Copeland Scroll Ultra Tech™ Two-Stage (1)	Copeland Scroll Ultra Tech™ Two-Stage (1)
Connections (sweat)	Liquid line (o.d.) - in. (mm)	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)	1-1/8 (28.5)
Condenser Coil	Net face area - sq. ft. (m2) Outer coil	16 (1.94)	18.3 (1.70)	21.8 (2.03)
	Inner coil	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)
	No. of rows	1.83	1.73	2
	Fins per inch (m)	22	22	22
Condenser Fan	Diameter - in. (mm)	24 (610)	24 (610)	24 (610)
	No. of blades	3	3	3
	Motor hp (W)	1/6 (124)	1/4 (187)	1/4 (187)
	Cfm (L/s)	3160 (1485)	3900 (1840)	4200 (1980)
	Rpm	825	820	820
	Watts	200	270	300

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines.
[2] Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[3] Refrigerant charge sufficient for 15 ft. (4.6 m) length of refrigerant lines.

ARI RATINGS - COILS - BLOWER-COIL UNITS — 3 TON

Outdoor Unit Model No. / Unit Size		[1] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
SSA036 3 Ton	**Up-Flow Coils**	34,200	10.0	14.10	10.85	3155	[4] C33-36A/B/C	Field Installed TXV
		34,200	10.0	14.10	10.85	3155	[4] CX34-36A/B/C-6F	Factory Installed TXV
		34,200	10.0	14.10	10.85	3155	[4] C33-42B	Field Installed TXV
		34,200	10.0	14.10	10.85	3155	[4] CX34-42B-6F	[3] Field Installed TXV
		35,000	10.3	14.45	11.05	3165	[4] C33-44C	Field Installed TXV
		35,200	10.3	14.45	11.10	3170	[4] C33-48B/C	Field Installed TXV
		35,200	10.3	14.45	11.10	3170	[4] CX34-44/48B/C-6F	[3] Field Installed TXV
		35,600	10.4	14.60	11.20	3175	[4] C33-38A/B	Field Installed TXV
		35,600	10.4	14.60	11.20	3175	[4] CX34-38A/B-F	Factory Installed TXV
		35,600	10.4	14.55	11.20	3175	[4] C33-50/60C	Field Installed TXV
		35,600	10.4	14.55	11.20	3175	[4] CX34-50/60C-6F	[3] Field Installed TXV
	Down-Flow Coils	34,800	10.2	14.25	11.00	3165	[4] CR26-48N/W-F	Field Installed TXV
		35,000	10.3	14.45	11.05	3165	[4] CR26-36N/W-F	Field Installed TXV
	Horizontal Coils	34,200	10.0	14.20	10.80	3160	[4] CH33-36A/B/C-2F	Field Installed TXV
		34,400	10.1	14.05	11.00	3160	[4] CH23-41	Field Installed TXV
		35,200	10.3	14.45	11.10	3170	[4] CH23-51	Field Installed TXV
		35,400	10.4	14.55	11.15	3175	[4] CH33-42B-2F	Field Installed TXV
		36,000	10.6	14.70	11.30	3180	[4] CH33-48C-2F	Field Installed TXV
	Blower Coil Units	35,000	10.3	15.15	11.40	3075	[4] CB30M-31 (Multi-Position)	[3] Field Installed TXV
		35,000	10.3	15.15	11.40	3075	[4] CBX32M-030 (Multi-Position)	Factory Installed TXV
		35,200	10.3	15.10	11.30	3120	[4] CB30M-41 (Multi-Position)	[3] Field Installed TXV
		35,200	10.3	15.10	11.30	3120	[4] CBX32M-036 (Multi-Position)	Factory Installed TXV
		35,200	10.3	15.10	11.30	3120	[4] CB30M-46 (Multi-Position)	[3] Field Installed TXV
		35,200	10.3	15.10	11.30	3120	[4] CBX32M-042 (Multi-Position)	[3] Field Installed TXV
		35,200	10.3	15.25	11.45	3080	[4] CB30U-31 (Up-Flow)	[3] Field Installed TXV
		35,400	10.4	15.20	11.35	3120	[4] CB30U-41/46 (Up-Flow)	[3] Field Installed TXV
		35,400	10.4	16.40	11.80	3000	[5] CBX32MV-024/030 (Multi-Position)	Factory Installed TXV
		35,600	10.4	16.70	12.00	2990	[5] CB31MV-41 (Multi-Position)	[3] Field Installed TXV
		35,600	10.4	16.70	12.00	2990	[5] CBX32MV-036 (Multi-Position)	Factory Installed TXV
		36,400	10.7	15.05	11.75	3095	[4] CB30M-51 (Multi-Position)	[3] Field Installed TXV
		36,400	10.7	15.05	11.75	3095	[4] CB30U-51 (Up-Flow)	[3] Field Installed TXV
		36,400	10.7	15.05	11.75	3095	[4] CBX32M-048 (Multi-Position)	[3] Field Installed TXV
		37,000	10.8	17.25	12.60	2935	[5] CB31MV-51 (Multi-Position)	[3] Field Installed TXV
		37,000	10.8	17.25	12.60	2935	[2,5] CBX32MV-048 (Multi-Position)	[3] Field Installed TXV

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

[1] 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.

[2] Most popular evaporator coil.

[3] **Factory installed expansion valve on indoor unit MUST be replaced.**

[4] 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 and Indoor Blower Speed Relay Kit are recommended for field installation.

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

ARI RATINGS - COILS/FURNACES — 3 TON

Outdoor Unit Model No. / Unit Size		[1] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
SSA036 3 Ton	**Up-Flow Coils/Furnace**	34,600	10.1	15.90	11.35	3055	[4] C33-36B with [3] G61MPV-36B	Field Installed TXV
		34,600	10.1	15.90	11.35	3055	[4] CX34-36B-6F with [3] G61MPV-36B	Factory Installed TXV
		34,600	10.1	15.90	11.35	3055	[4] C33-42B with [3] G61MPV-36B	Field Installed TXV
		34,600	10.1	15.90	11.35	3055	[4] CX34-42B-6F with [3] G61MPV-36B	[2] Field Installed TXV
		35,000	10.3	15.70	11.70	2990	[4] C33-36A/B with [3] G60UHV-36A/B	Field Installed TXV
		35,000	10.3	15.70	11.70	2990	[4] CX34-36A/B-6F with [3] G60UHV-36A/B	Factory Installed TXV
		35,000	10.3	15.70	11.70	2990	[4] C33-42B with G60UHV-36B-090	Field Installed TXV
		35,000	10.3	15.70	11.70	2990	[4] CX34-42B-6F with G60UHV-36B-090	[2] Field Installed TXV
		35,800	10.5	16.25	11.65	3070	[4] C33-48B with [3] G61MPV-36B	Field Installed TXV
		35,800	10.5	16.25	11.65	3070	[4] CX34-48B-6F with [3] G61MPV-36B	[2] Field Installed TXV
		36,000	10.6	16.05	12.00	3005	[4] C33-48B with G60UHV-36B-090	[2] Field Installed TXV
		36,000	10.6	16.05	12.00	3005	[4] CX34-44/48B-6F with G60UHV-36B-090	[2] Field Installed TXV
		36,000	10.6	16.45	11.70	3075	[4] C33-38B with [3] G61MPV-36B	Field Installed TXV
		36,000	10.6	16.45	11.70	3075	[4] CX34-38B-6F with [3] G61MPV-36B	Factory Installed TXV
		36,400	10.7	16.20	12.10	3010	[4] C33-38A/B with [3] G60UHV-36A/B	Field Installed TXV
		36,400	10.7	16.20	12.10	3010	[4] CX34-38A/B with [3] G60UHV-36A/B	Factory Installed TXV
		36,400	10.7	16.85	12.00	3040	[4] C33-50/60C with G61MPV-36C-090	Field Installed TXV
		36,400	10.7	16.85	12.00	3040	[4] CX34-50/60C-6F with G61MPV-36C-090	[2] Field Installed TXV
		36,800	10.8	16.35	12.00	3085	[4] C33-50/60C with [3] G60UHV-60C	Field Installed TXV
		36,800	10.8	16.35	12.00	3085	[4] CX34-50/60C with [3] G60UHV-60C	[2] Field Installed TXV
	Down-Flow Coils/Furnace	35,200	10.3	15.75	11.75	2995	[4] CR26-48N-F with G60DFV-36B-090	Field Installed TXV
		35,400	10.4	16.00	11.80	2995	[4] CR26-36W-F with G60DFV-36B-090	Field Installed TXV
	Horizontal Coils/Furnace	34,600	10.1	15.90	11.35	3055	[4] CH33-36B-2F with [3] G61MPV-36B	Field Installed TXV
		34,800	10.2	15.70	11.65	2990	[4] CH33-36A/B-2F with [3] G60UHV-36A/B	Field Installed TXV
		35,600	10.4	16.25	11.60	3070	[4] CH33-42B-2F with [3] G61MPV-36B	Field Installed TXV
		36,000	10.6	16.05	12.00	3000	[4] CH33-42B-2F with G60UHV-36B-090	Field Installed TXV
		36,200	10.6	16.45	11.75	3075	[4] CH33-44/48B-2F with [3] G61MPV-36B	Field Installed TXV
		36,400	10.7	16.25	12.10	3010	[4] CH33-48C-2F with G60UHV-36B-090	Field Installed TXV

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

[1] 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.

[2] **Factory installed expansion valve on indoor unit MUST be replaced.**

[3] Includes all heat sizes for this model.

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

ARI RATINGS - COILS - BLOWER-COIL UNITS — 4 TON

Outdoor Unit Model No. / Unit Size		[1] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
SSA048 4 Ton	**Up-Flow Coils**	47,000	13.8	14.20	11.25	4180	[4] C33-48B/C	Field Installed TXV
		47,000	13.8	14.20	11.25	4180	[4] CX34-44/48B/C-6F	Factory Installed TXV
		48,000	14.1	14.35	11.45	4185	[4] C33-50/60C	Field Installed TXV
		48,000	14.1	14.35	11.45	4185	[4] CX34-50/60C-6F	Factory Installed TXV
		48,000	14.1	14.40	11.45	4190	[4] C33-60D	Field Installed TXV
		48,000	14.1	14.40	11.45	4190	[4] CX34-60D-6F	Factory Installed TXV
		49,000	14.4	14.65	11.65	4205	[4] C33-62D	Field Installed TXV
		49,000	14.4	14.65	11.65	4205	[4] CX34-62D-6F	Factory Installed TXV
	Down-Flow Coils	46,000	13.5	13.85	11.05	4165	[4] CR26-48N/W-F	Field Installed TXV
		48,000	14.1	14.35	11.45	4185	[4] CR26-60N/W-F	Field Installed TXV
	Horizontal Coils	46,500	13.6	14.00	11.15	4170	[4] CH23-51	Field Installed TXV
		47,000	13.8	14.15	11.25	4180	[4] CH23-65	Field Installed TXV
		48,000	14.1	14.45	11.45	4190	[4] CH33-48C-2F	Field Installed TXV
		48,500	14.2	14.65	11.55	4200	[4] CH33-50/60C-2F	Field Installed TXV
		48,500	14.2	14.50	11.60	4190	[4] CH33-60D-2F	Field Installed TXV
		48,500	14.2	14.55	11.55	4195	[4] CH33-62D-2F	Field Installed TXV
		49,000	14.4	14.70	11.65	4205	[4] CH23-68	Field Installed TXV
	Blower Coil Units	45,500	13.3	14.75	11.25	4040	[4] CB30M-41 (Multi-Position)	[3] Field Installed TXV
		45,500	13.3	14.75	11.25	4040	[4] CBX32M-036 (Multi-Position)	[3] Field Installed TXV
		45,500	13.3	14.75	11.25	4040	[4] CB30M-46 (Multi-Position)	[3] Field Installed TXV
		45,500	13.3	14.75	11.25	4040	[4] CBX32M-042 (Multi-Position)	Factory Installed TXV
		46,000	13.5	14.50	11.35	4045	[4] CB30U-41/46 (Up-Flow)	[3] Field Installed TXV
		46,000	13.5	15.55	11.25	4090	[5] CB31MV-41 (Multi-Position)	[3] Field Installed TXV
		46,000	13.5	15.55	11.25	4090	[5] CBX32MV-036 (Multi-Position)	[3] Field Installed TXV
		48,000	14.1	14.75	11.65	4115	[4] CB30U-51 (Up-Flow)	[3] Field Installed TXV
		48,500	14.2	15.35	11.80	4110	[4] CB30U-65 (Up-Flow)	[3] Field Installed TXV
		48,500	14.2	16.35	12.00	4080	[5] CB31MV-51 (Multi-Position)	[3] Field Installed TXV
		48,500	14.2	16.35	12.00	4080	[2,5] CBX32MV-048 (Multi-Position)	Factory Installed TXV
		48,500	14.2	14.90	11.80	4105	[4] CB30M-51 (Multi-Position)	[3] Field Installed TXV
		48,500	14.2	14.90	11.80	4105	[4] CBX32M-048 (Multi-Position)	Factory Installed TXV
		48,500	14.2	14.90	11.80	4105	[4] CB30M-65 (Multi-Position)	[3] Field Installed TXV
		48,500	14.2	14.90	11.80	4105	[4] CBX32M-060 (Multi-Position)	Factory Installed TXV
		49,000	14.4	16.35	12.00	4085	[5] CB31MV-65 (Multi-Position)	[3] Field Installed TXV
		49,000	14.4	16.35	12.00	4085	[5] CBX32MV-060 (Multi-Position)	Factory Installed TXV

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

1 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.

2 Most popular evaporator coil.

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

4 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 and Indoor Blower Speed Relay Kit are recommended for field installation.

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

ARI RATINGS - COILS/FURNACES — 4 TON

Outdoor Unit Model No. / Unit Size		[1] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
SSA048 4 Ton	**Up-Flow Coils/Furnace**	47,500	13.9	15.45	11.80	4020	[3] C33-48C with [2] G61MPV-60C	Field Installed TXV
		47,500	13.9	15.45	11.80	4020	[3] CX34-44/48C-6F with [2] G61MPV-60C	Factory Installed TXV
		48,000	14.1	15.70	12.00	4005	[3] C33-48C with [2] G60UHV-60C	Field Installed TXV
		48,000	14.1	15.70	12.00	4005	[3] CX34-44/48C-6F with [2] G60UHV-60C	Factory Installed TXV
		48,500	14.2	15.60	12.05	4025	[3] C33-50/60C with [2] G61MPV-60C	Field Installed TXV
		48,500	14.2	15.60	12.05	4025	[3] CX34-50/60C-6F with [2] G61MPV-60C	Factory Installed TXV
		48,500	14.2	15.75	11.85	4095	[3] C33-60D with G61MPV-60D-135	Field Installed TXV
		48,500	14.2	15.75	11.85	4095	[3] CX34-60D-6F with G61MPV-60D-135	Factory Installed TXV
		48,500	14.2	15.90	12.10	4010	[3] C33-50/60C with [2] G60UHV-60C	Field Installed TXV
		48,500	14.2	15.90	12.10	4010	[3] CX34-50/60C-6F with [2] G60UHV-60C	Factory Installed TXV
		48,500	14.2	15.85	12.10	4015	[3] C33-60D with G60UHV-60D-135	Field Installed TXV
		48,500	14.2	15.85	12.10	4015	[3] CX34-60D-6F with G60UHV-60D-135	Factory Installed TXV
		49,500	14.5	16.00	12.05	4110	[3] C33-62D with G61MPV-60D-135	Field Installed TXV
		49,500	14.5	16.00	12.05	4110	[3] CX34-62D-6F with G61MPV-60D-135	Factory Installed TXV
		49,500	14.5	16.15	12.30	4030	[3] C33-62D with G60UHV-60D-135	Field Installed TXV
		49,500	14.5	16.15	12.30	4030	[3] CX34-62D-6F with G60UHV-60D-135	Factory Installed TXV
	Down-Flow Coils/Furnace	46,500	13.6	15.45	11.60	4015	[3] CR26-48N-F with [2] G60DFV-60C	Field Installed TXV
		48,500	14.2	16.00	12.00	4035	[3] CR26-60W-F with G60DFV-60D-135	Field Installed TXV
	Horizontal Coils/Furnace	48,500	14.2	15.65	12.05	4030	[3] CH33-48C-2F with [2] G61MPV-60C	Field Installed TXV
		48,500	14.2	15.90	11.85	4095	[3] CH33-60D-2F with G61MPV-60D-135	Field Installed TXV
		48,500	14.2	16.00	12.10	4015	[3] CH33-48C-2F with [2] G60UHV-60C	Field Installed TXV
		49,000	14.4	15.75	12.15	4030	[3] CH33-50/60C-2F with [2] G61MPV-60C	Field Installed TXV
		49,000	14.4	15.90	12.00	4100	[3] CH33-62D-2F with G61MPV-60D-135	Field Installed TXV
		49,000	14.4	16.00	12.20	4015	[3] CH33-50/60C-2F with [2] G60UHV-60C	Field Installed TXV
		49,000	14.4	16.00	12.20	4015	[3] CH33-60D-2F with G60UHV-60D-135	Field Installed TXV
		49,000	14.4	16.05	12.20	4020	[3] CH33-62D-2F with G60UHV-60D-135	Field Installed TXV

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

[1] 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.

[2] Includes all heat sizes for this model.

[3] Blower control must be set for a time-off blower delay.

ARI RATINGS - COILS - BLOWER-COIL UNITS — 5 TON

Outdoor Unit Model No. Unit Size		[1] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
SSA060 5 Ton	**Up-Flow Coils**	56,500	16.6	13.60	10.65	5300	[4] C33-48B/C	Field Installed TXV
		56,500	16.6	13.60	10.65	5300	[4] CX34-44/48B/C-6F	Factory Installed TXV
		57,500	16.9	13.80	10.80	5315	[4] C33-50/60C	Field Installed TXV
		57,500	16.9	13.80	10.80	5315	[4] CX34-50/60C-6F	Factory Installed TXV
		58,000	17.0	13.80	11.00	5320	[4] C33-60D	Field Installed TXV
		58,000	17.0	13.80	11.00	5320	[4] CX34-60D-6F	Factory Installed TXV
		59,000	17.3	14.10	11.05	5345	[4] C33-62D	Field Installed TXV
		59,000	17.3	14.10	11.05	5345	[4] CX34-62D-6F	Factory Installed TXV
	Down-Flow Coils	55,000	16.1	13.30	10.45	5275	[4] CR26-48N/W-F	Field Installed TXV
		57,000	16.7	13.80	10.75	5310	[4] CR26-60N/W-F	Field Installed TXV
	Horizontal Coils	56,000	16.4	13.50	10.60	5290	[4] CH23-51	Field Installed TXV
		57,000	16.7	13.65	10.75	5305	[4] CH23-65	Field Installed TXV
		58,000	17.0	14.00	11.00	5325	[4] CH33-60D-2F	Field Installed TXV
		58,500	17.1	14.00	11.00	5330	[4] CH33-62D-2F	Field Installed TXV
		58,500	17.1	14.05	11.00	5335	[4] CH33-50/60C-2F	Field Installed TXV
		59,000	17.3	14.15	11.05	5345	[4] CH23-68	Field Installed TXV
	Blower Coil Units	55,500	16.3	14.15	10.90	5095	[4] CB30U-51 (Up-Flow)	[3] Field Installed TXV
		56,500	16.6	14.40	10.70	5270	[4] CB30M-51 (Multi-Position)	[3] Field Installed TXV
		56,500	16.6	14.40	10.70	5270	[4] CBX32M-048 (Multi-Position)	Factory Installed TXV
		57,500	16.9	15.25	11.00	5285	[5] CB31MV-51 (Multi-Position)	[3] Field Installed TXV
		57,500	16.9	15.25	11.00	5285	[5] CBX32MV-048 (Multi-Position)	Factory Installed TXV
		58,000	17.0	15.30	11.00	5295	[5] CB31MV-65 (Multi-Position)	[3] Field Installed TXV
		58,000	17.0	15.30	11.00	5295	[2,5] CBX32MV-060 (Multi-Position)	Factory Installed TXV
		58,000	17.0	14.30	11.00	5325	[4] CB30M-65 (Multi-Position)	[3] Field Installed TXV
		58,000	17.0	14.30	11.00	5325	[4] CBX32M-060 (Multi-Position)	Factory Installed TXV
		58,000	17.0	14.40	11.00	5290	[4] CB30U-65 (Up-Flow)	[3] Field Installed TXV

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

1 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.

2 Most popular evaporator coil.

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

4 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 and Indoor Blower Speed Relay Kit are recommended for field installation.

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

ARI RATINGS - COILS/FURNACES — 5 TON

Outdoor Unit Model No. / Unit Size		[1] ARI Standard 210/240 Ratings						
		Cooling Capacity		Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
		Btuh	kW	SEER	EER			
SSA060 5 Ton	**Up-Flow Coils/Furnace**	56,500	16.6	14.70	10.80	5230	[9] C33-48C with [2] G61MPV-60C	Field Installed TXV
		56,500	16.6	14.70	10.80	5230	[9] CX34-44/48C-6F with [2] G61MPV-60C	Factory Installed TXV
		56,500	16.6	14.60	11.00	5165	[9] C33-48C with [2] G60UHV-60C	Field Installed TXV
		56,500	16.6	14.60	11.00	5165	[9] CX34-44/48C-6F with [2] G60UHV-60C	Factory Installed TXV
		57,500	16.9	14.85	11.00	5240	[3] C33-50/60C with [2] G61MPV-60C	Field Installed TXV
		57,500	16.9	14.85	11.00	5240	[3] CX34-50/60C-6F with [2] G61MPV-60C	Factory Installed TXV
		57,500	16.9	14.75	11.10	5175	[3] C33-50/60C with [2] G60UHV-60C	Field Installed TXV
		57,500	16.9	14.75	11.10	5175	[3] CX34-50/60C-6F with [2] G60UHV-60C	Factory Installed TXV
		57,500	16.9	14.70	11.00	5280	[3] C33-60D with G60UHV-60D-135	Field Installed TXV
		57,500	16.9	14.70	11.00	5280	[3] CX34-60D-6F with G60UHV-60D-135	Factory Installed TXV
		58,000	17.0	15.00	11.00	5285	[3] C33-60D with G61MPV-60D-135	Field Installed TXV
		58,000	17.0	15.00	11.00	5285	[3] CX34-60D-6F with G61MPV-60D-135	Factory Installed TXV
		59,000	17.3	15.30	11.10	5310	[3] C33-62D with G61MPV-60D-135	Field Installed TXV
		59,000	17.3	15.30	11.10	5310	[3] CX34-62D-6F with G61MPV-60D-135	Factory Installed TXV
		59,000	17.3	15.05	11.35	5200	[3] C33-62D with G60UHV-60D-135	Field Installed TXV
		59,000	17.3	15.05	11.35	5200	[3] CX34-62D-6F with G60UHV-60D-135	Factory Installed TXV
	Down-Flow Coils/Furnace	55,500	16.3	14.35	10.65	5215	[3] CR26-48N-F with [2] G60DFV-60C	Field Installed TXV
		57,000	16.7	14.85	11.00	5220	[3] CR26-60W-F with G60DFV-60D-135	Field Installed TXV
	Horizontal Coils/Furnace	58,000	17.0	15.00	11.00	5255	[3] CH33-50/60C-2F with [2] G61MPV-60C	Field Installed TXV
		58,000	17.0	15.15	11.00	5290	[3] CH33-60D-2F with G61MPV-60D-135	Field Installed TXV
		58,000	17.0	14.90	11.20	5185	[3] CH33-50/60C-2F with [2] G60UHV-60C	Field Installed TXV
		58,000	17.0	14.90	11.20	5180	[3] CH33-60D-2F with G60UHV-60D-135	Field Installed TXV
		58,500	17.1	15.20	11.00	5300	[3] CH33-62D-2F with G61MPV-60D-135	Field Installed TXV
		58,500	17.1	15.00	11.25	5190	[3] CH33-62D-2F with G60UHV-60D-135	Field Installed TXV

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

1 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.

2 Includes all heat sizes for this model.

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

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

SSA036 - C33-36A/B/C - CX34-36A/B/C-6F - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-36A/B/C - CX34-36A/B/C-6F - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-42B - CX34-42B-6F - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-42B - CX34-42B-6F - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-44C - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-44C - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-38A/B - CX34-38A/B-6F - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-38A/B - CX34-38A/B-6F - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

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

SSA036 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

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

SSA036 - CR26-36N/W-F - FIRST STAGE COOLING CAPACITY

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

SSA036 - CR26-36N/W-F - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CH33-36A/B/C-2F - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-36A/B/C-2F - SECOND STAGE COOLING CAPACITY

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

SSA036 - CH23-41 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH23-41 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CH23-51 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH23-51 - SECOND STAGE COOLING CAPACITY

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

SSA036 - CH33-42B-2F - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-42B-2F - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CH33-48C-2F - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-48C-2F - SECOND STAGE COOLING CAPACITY

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

SSA036 - CB30M-31 - CBX32M-030 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB30M-31 - CBX32M-030 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - SECOND STAGE COOLING CAPACITY

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

SSA036 - CB30U-31 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB30U-31 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CB30U-41/46 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB30U-41/46 - SECOND STAGE COOLING CAPACITY

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

SSA036 - CBX32MV-024/030 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CBX32MV-024/030 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CB31MV-41 - CBX32MV-036 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB31MV-41 - CBX32MV-036 - SECOND STAGE COOLING CAPACITY

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

SSA036 - CB30M-51 - CB30U-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB30M-51 - CB30U-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-36B with G61MPV-36B - CX34-36B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-36B with G61MPV-36B - CX34-36B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-42B with G61MPV-36B - CX34-42B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-42B with G61MPV-36B - CX34-42B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-36A/B with G60UHV-36A/B - CX34-36A/B-6F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	720	340	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

SSA036 - C33-36A/B with G60UHV-36A/B - CX34-36A/B-6F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-42B with G60UHV-36B-090 - CX34-42B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-42B with G60UHV-36B-090 - CX34-42B with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-48B with G61MPV-36B - CX34-44/48B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-48B with G61MPV-36B - CX34-44/48B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-48B with G60UHV-36B-090 - CX34-44/48B-6F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-48B with G60UHV-36B-090 - CX34-44/48B-6F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-38B with G61MPV-36B - CX34-38B-6F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-38B with G61MPV-36B - CX34-38B-6F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-38A/B with G60UHV-36A/B - CX34-38A/B-6F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-38A/B with G60UHV-36A/B - CX34-38A/B-6F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

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

SSA036 - C33-50/60C with G61MPV-36C-090 - CX34-50/60C-6F with G61MPV-36C-090 - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-50/60C with G61MPV-36C-090 - CX34-50/60C-6F with G61MPV-36C-090 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

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

SSA036 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

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

SSA036 - CR26-48N-F with G60DFV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	795	375	26.2	7.7	1.17	.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

SSA036 - CR26-48N-F with G60DFV-36B-090 - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CR26-36W-F with G60DFV-36B-090 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	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

SSA036 - CR26-36W-F with G60DFV-36B-090 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	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

SSA036 - CH33-36B-2F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-36B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CH33-36A/B-2F with G60UHV-36A/B - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-36A/B-2F with G60UHV-36A/B - SECOND STAGE COOLING CAPACITY

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

SSA036 - CH33-42B-2F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-42B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CH33-42B-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-42B-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

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

SSA036 - CH33-44/48B-2F with G61MPV-36B - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-44/48B-2F with G61MPV-36B - SECOND STAGE COOLING CAPACITY

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

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

SSA036 - CH33-48C-2F with G60UHV-36B-090 - FIRST STAGE COOLING CAPACITY

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

SSA036 - CH33-48C-2F with G60UHV-36B-090 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

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

SSA048 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - C33-60D - CX34-60D-6F - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-60D - CX34-60D-6F - SECOND STAGE COOLING CAPACITY

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

SSA048 - C33-62D - CX34-62D-6F - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-62D - CX34-62D-6F - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

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

SSA048 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

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

SSA048 - CR26-60N/W-F - FIRST STAGE COOLING CAPACITY

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

SSA048 - CR26-60N/W-F - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH23-51 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH23-51 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH23-65 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH23-65 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH33-48C-2F - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-48C-2F - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH33-50/60C-2F - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-50/60C-2F - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH33-60D-2F - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-60D-2F - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH33-62D-2F - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-62D-2F - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH23-68 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH23-68 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB30M-41 - CBX32M-036 - CB30M-46 - CBX32M-042 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CB30U-41/46 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB30U-41/46 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CB31MV-41 - CBX32MV-036 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB31MV-41 - CBX32MV-036 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CB30U-51 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB30U-51 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CB30U-65 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB30U-65 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CB30M-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB30M-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CB30M-65 - CBX32M-060 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB30M-65 - CBX32M-060 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CB31MV-65 - CBX32MV-060 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CB31MV-65 - CBX32MV-060 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

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

SSA048 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - C33-50/60C with G61MPV-60C - CX34-50/60C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-50/60C with G61MPV-60C - CX34-50/60C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

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

SSA048 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

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

SSA048 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

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

SSA048 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CR26-48N-F with G60DFV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - CR26-48N-F with G60DFV-60C - SECOND STAGE COOLING CAPACITY

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

SSA048 - CR26-60W-F with G60DFV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CR26-60W-F with G60DFV-60D-135 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH33-48C-2F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-48C-2F with G61MV-60C - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH33-60D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-60D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH33-48C-2F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-48C-2F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH33-50/60C-2F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-50/60C-2F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH33-62D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-62D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH33-50/60C-2F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-50/60C-2F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

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

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

SSA048 - CH33-60D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-60D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

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

SSA048 - CH33-62D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

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

SSA048 - CH33-62D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

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

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

SSA060 - C33-48B/C - CX34-44/48B/C-6F - FIRST STAGE COOLING CAPACITY

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

SSA060 - C33-48B/C - CX34-44/48B/C-6F - SECOND STAGE COOLING CAPACITY

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

SSA060 - C33-50/60C - CX34-50/60C-6F - FIRST STAGE COOLING CAPACITY

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

SSA060 - C33-50/60C - CX34-50/60C-6F - SECOND STAGE COOLING CAPACITY

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

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

SSA060 - C33-60D - CX34-60D-6F - FIRST STAGE COOLING CAPACITY

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

SSA060 - C33-60D - CX34-60D-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.5	17.1	3.77	.76	.89	1.00	56.0	16.4	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	2000	945	59.5	17.4	3.79	.78	.92	1.00	57.0	16.7	4.25	.80	.94	1.00	54.0	15.8	4.76	.81	.97	1.00	51.0	14.9	5.32	.84	.99	1.00
	2200	1040	60.5	17.7	3.81	.80	.95	1.00	58.0	17.0	4.26	.82	.97	1.00	55.0	16.1	4.77	.84	.99	1.00	52.0	15.2	5.33	.86	1.00	1.00
67°F (19°C)	1800	850	62.0	18.2	3.82	.61	.73	.86	59.0	17.3	4.28	.62	.75	.88	56.0	16.4	4.79	.63	.77	.90	53.0	15.5	5.35	.64	.79	.93
	2000	945	63.0	18.5	3.84	.62	.75	.89	60.0	17.6	4.30	.63	.77	.91	57.0	16.7	4.81	.64	.79	.93	54.0	15.8	5.37	.66	.81	.96
	2200	1040	64.0	18.8	3.85	.63	.77	.91	61.5	18.0	4.32	.64	.79	.94	58.0	17.0	4.83	.66	.81	.96	55.0	16.1	5.39	.67	.84	.99
71°F (22°C)	1800	850	65.0	19.0	3.87	.47	.60	.71	62.5	18.3	4.34	.48	.60	.73	59.5	17.4	4.84	.48	.61	.74	56.0	16.4	5.42	.49	.63	.76
	2000	945	67.0	19.6	3.89	.48	.61	.73	64.0	18.8	4.35	.48	.62	.75	60.5	17.7	4.87	.49	.63	.77	57.0	16.7	5.44	.49	.64	.79
	2200	1040	68.0	19.9	3.91	.48	.62	.75	65.0	19.0	4.37	.49	.63	.77	61.5	18.0	4.89	.50	.64	.79	58.0	17.0	5.46	.50	.66	.81

SSA060 - C33-62D - CX34-62D-6F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.0	13.2	2.10	.76	.89	1.00	43.0	12.6	2.45	.78	.91	1.00	41.5	12.2	2.85	.79	.94	1.00	39.5	11.6	3.31	.81	.96	1.00
	1400	660	46.0	13.5	2.09	.78	.92	1.00	44.0	12.9	2.44	.79	.94	1.00	42.0	12.3	2.84	.81	.96	1.00	40.0	11.7	3.29	.83	.99	1.00
	1500	710	46.5	13.6	2.09	.80	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.83	.83	.98	1.00	40.5	11.9	3.29	.85	1.00	1.00
67°F (19°C)	1300	615	47.5	13.9	2.08	.61	.74	.86	45.5	13.3	2.43	.61	.75	.88	43.5	12.7	2.83	.63	.77	.90	41.5	12.2	3.28	.64	.79	.93
	1400	660	48.5	14.2	2.08	.61	.75	.88	46.5	13.6	2.43	.63	.77	.90	44.5	13.0	2.82	.64	.79	.93	42.5	12.5	3.27	.65	.81	.95
	1500	710	49.0	14.4	2.08	.63	.77	.91	47.0	13.8	2.43	.64	.79	.93	45.0	13.2	2.82	.65	.80	.95	43.0	12.6	3.26	.66	.82	.98
71°F (22°C)	1300	615	50.5	14.8	2.08	.47	.59	.71	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1400	660	51.0	14.9	2.08	.48	.60	.73	49.0	14.4	2.42	.48	.61	.74	47.0	13.8	2.80	.48	.63	.76	44.5	13.0	3.25	.49	.64	.78
	1500	710	52.0	15.2	2.07	.48	.60	.74	50.0	14.7	2.42	.49	.63	.76	47.5	13.9	2.80	.49	.64	.78	45.5	13.3	3.25	.50	.65	.80

SSA060 - C33-62D - CX34-62D-6F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	60.0	17.6	3.79	.77	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.5	16.0	4.76	.80	.95	1.00	51.0	14.9	5.33	.82	.98	1.00
	2000	945	61.5	18.0	3.82	.79	.93	1.00	58.5	17.1	4.27	.81	.95	1.00	55.5	16.3	4.78	.83	.98	1.00	52.0	15.2	5.35	.85	1.00	1.00
	2200	1040	62.5	18.3	3.83	.81	.96	1.00	59.5	17.4	4.29	.83	.98	1.00	56.5	16.6	4.80	.85	1.00	1.00	53.5	15.7	5.37	.88	1.00	1.00
67°F (19°C)	1800	850	63.0	18.5	3.84	.61	.74	.87	60.5	17.7	4.30	.62	.76	.89	57.5	16.9	4.81	.63	.77	.91	54.0	15.8	5.38	.65	.80	.94
	2000	945	64.5	18.9	3.86	.63	.76	.90	61.5	18.0	4.32	.64	.78	.92	58.5	17.1	4.83	.65	.80	.95	55.5	16.3	5.40	.67	.83	.98
	2200	1040	66.0	19.3	3.88	.64	.79	.93	63.0	18.5	4.34	.65	.81	.95	59.5	17.4	4.85	.67	.83	.98	56.0	16.4	5.42	.68	.85	1.00
71°F (22°C)	1800	850	67.0	19.6	3.89	.47	.60	.72	64.0	18.8	4.36	.48	.61	.73	61.0	17.9	4.87	.48	.62	.75	57.5	16.9	5.44	.49	.63	.77
	2000	945	68.0	19.9	3.91	.48	.61	.74	65.0	19.0	4.38	.49	.62	.76	62.0	18.2	4.89	.49	.64	.78	58.5	17.1	5.46	.50	.65	.80
	2200	1040	70.0	20.5	3.93	.49	.63	.76	67.0	19.6	4.40	.49	.64	.78	63.0	18.5	4.91	.50	.65	.80	59.0	17.3	5.47	.51	.67	.83

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

SSA060 - CR26-48N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	42.5	12.5	2.11	.75	.88	1.00	40.5	11.9	2.47	.77	.90	1.00	39.0	11.4	2.87	.78	.92	1.00	37.0	10.8	3.33	.80	.94	1.00
	1400	660	43.0	12.6	2.11	.77	.91	1.00	41.5	12.2	2.46	.78	.92	1.00	39.5	11.6	2.86	.80	.94	1.00	37.6	11.0	3.32	.81	.97	1.00
	1500	710	43.5	12.7	2.10	.78	.92	1.00	42.0	12.3	2.46	.80	.94	1.00	40.0	11.7	2.86	.81	.96	1.00	38.0	11.1	3.32	.83	.98	1.00
67°F (19°C)	1300	615	45.0	13.2	2.10	.61	.73	.85	43.5	12.7	2.44	.61	.74	.87	41.5	12.2	2.84	.62	.76	.89	39.5	11.6	3.30	.63	.77	.91
	1400	660	46.0	13.5	2.09	.62	.75	.87	44.0	12.9	2.45	.63	.76	.89	42.0	12.3	2.84	.64	.77	.91	40.0	11.7	3.30	.65	.79	.93
	1500	710	46.5	13.6	2.09	.63	.76	.89	44.5	13.0	2.44	.63	.77	.91	42.5	12.5	2.83	.64	.79	.93	40.5	11.9	3.29	.66	.81	.96
71°F (22°C)	1300	615	47.5	13.9	2.08	.46	.59	.71	46.0	13.5	2.43	.47	.60	.72	44.0	12.9	2.82	.47	.61	.73	42.0	12.3	3.28	.48	.62	.75
	1400	660	48.5	14.2	2.08	.47	.60	.72	46.5	13.6	2.43	.48	.61	.73	44.5	13.0	2.82	.48	.62	.75	42.5	12.5	3.27	.49	.63	.76
	1500	710	49.0	14.4	2.08	.48	.61	.74	47.5	13.9	2.43	.48	.62	.75	45.0	13.2	2.82	.49	.63	.76	43.0	12.6	3.27	.49	.64	.78

SSA060 - CR26-48N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	56.0	16.4	3.74	.76	.89	1.00	53.0	15.5	4.19	.77	.91	1.00	50.5	14.8	4.69	.79	.93	1.00	47.5	13.9	5.26	.81	.96	1.00
	2000	945	57.0	16.7	3.75	.78	.91	1.00	54.5	16.0	4.21	.79	.94	1.00	51.5	15.1	4.71	.81	.96	1.00	48.5	14.2	5.27	.83	.98	1.00
	2200	1040	58.0	17.0	3.76	.80	.94	1.00	55.0	16.1	4.22	.81	.96	1.00	52.5	15.4	4.73	.83	.98	1.00	49.5	14.5	5.29	.85	1.00	1.00
67°F (19°C)	1800	850	59.0	17.3	3.79	.61	.73	.85	56.5	16.6	4.24	.62	.75	.87	53.5	15.7	4.74	.63	.76	.90	50.5	14.8	5.31	.64	.78	.92
	2000	945	60.5	17.7	3.80	.62	.75	.88	57.5	16.9	4.26	.63	.77	.90	54.5	16.0	4.76	.65	.79	.93	51.5	15.1	5.33	.66	.81	.96
	2200	1040	61.5	18.0	3.81	.64	.77	.91	58.5	17.1	4.27	.65	.79	.93	55.5	16.3	4.78	.66	.81	.96	52.5	15.4	5.34	.67	.83	.98
71°F (22°C)	1800	850	62.5	18.3	3.83	.46	.60	.71	59.5	17.4	4.29	.47	.61	.72	56.5	16.6	4.80	.48	.62	.74	53.5	15.7	5.37	.48	.63	.76
	2000	945	63.5	18.6	3.85	.47	.61	.73	61.0	17.9	4.31	.48	.62	.75	58.0	17.0	4.81	.49	.63	.76	54.5	16.0	5.39	.49	.65	.78
	2200	1040	65.0	19.0	3.86	.48	.62	.75	62.0	18.2	4.32	.49	.63	.77	59.0	17.3	4.83	.50	.65	.79	55.5	16.3	5.40	.50	.66	.81

SSA060 - CR26-60N/W-F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.0	12.9	2.10	.77	.90	1.00	42.0	12.3	2.46	.78	.92	1.00	40.0	11.7	2.85	.79	.94	1.00	38.0	11.1	3.32	.81	.96	1.00
	1400	660	44.5	13.0	2.10	.78	.93	1.00	43.0	12.6	2.45	.80	.95	1.00	41.0	12.0	2.85	.81	.97	1.00	39.0	11.4	3.31	.83	.99	1.00
	1500	710	45.5	13.3	2.10	.80	.95	1.00	43.5	12.7	2.45	.81	.97	1.00	41.5	12.2	2.84	.83	.99	1.00	39.5	11.6	3.30	.85	1.00	1.00
67°F (19°C)	1300	615	46.5	13.6	2.09	.61	.74	.87	45.0	13.2	2.44	.62	.75	.89	43.0	12.6	2.83	.63	.77	.91	40.5	11.9	3.29	.64	.79	.93
	1400	660	47.5	13.9	2.09	.62	.76	.89	45.5	13.3	2.44	.63	.77	.91	43.5	12.7	2.83	.64	.79	.93	41.5	12.2	3.28	.66	.81	.96
	1500	710	48.0	14.1	2.08	.63	.77	.91	46.0	13.5	2.43	.64	.79	.93	44.0	12.9	2.83	.65	.81	.96	42.0	12.3	3.28	.67	.83	.98
71°F (22°C)	1300	615	49.5	14.5	2.08	.46	.60	.72	47.5	13.9	2.43	.47	.61	.73	45.5	13.3	2.82	.47	.62	.75	43.0	12.6	3.27	.48	.63	.76
	1400	660	50.0	14.7	2.08	.47	.61	.74	48.0	14.1	2.42	.48	.62	.75	46.0	13.5	2.81	.48	.63	.76	44.0	12.9	3.26	.49	.64	.78
	1500	710	51.0	14.9	2.08	.48	.62	.75	49.0	14.4	2.42	.48	.63	.77	46.5	13.6	2.81	.49	.64	.78	44.5	13.0	3.26	.50	.65	.80

SSA060 - CR26-60N/W-F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.0	17.0	3.77	.77	.91	1.00	55.0	16.1	4.22	.79	.93	1.00	52.5	15.4	4.73	.81	.95	1.00	49.0	14.4	5.29	.83	.98	1.00
	2000	945	59.0	17.3	3.79	.80	.94	1.00	56.5	16.6	4.24	.81	.96	1.00	53.5	15.7	4.74	.83	.98	1.00	50.5	14.8	5.31	.86	1.00	1.00
	2200	1040	60.0	17.6	3.80	.82	.97	1.00	57.5	16.9	4.25	.84	.99	1.00	54.5	16.0	4.76	.86	1.00	1.00	51.5	15.1	5.33	.88	1.00	1.00
67°F (19°C)	1800	850	61.5	18.0	3.81	.62	.75	.88	58.5	17.1	4.27	.63	.77	.90	55.5	16.3	4.78	.64	.78	.92	52.5	15.4	5.34	.65	.81	.95
	2000	945	62.5	18.3	3.83	.63	.77	.91	59.5	17.4	4.29	.64	.79	.93	56.5	16.6	4.80	.66	.81	.96	53.0	15.5	5.36	.67	.83	.98
	2200	1040	63.5	18.6	3.85	.65	.80	.94	61.0	17.9	4.31	.66	.81	.96	57.5	16.9	4.81	.67	.83	.98	54.0	15.8	5.38	.69	.86	1.00
71°F (22°C)	1800	850	65.0	19.0	3.86	.47	.61	.73	62.0	18.2	4.32	.47	.62	.74	58.5	17.1	4.83	.48	.63	.76	55.5	16.3	5.41	.49	.64	.78
	2000	945	66.0	19.3	3.88	.48	.62	.75	63.0	18.5	4.34	.48	.63	.77	60.0	17.6	4.85	.49	.64	.79	56.5	16.6	5.42	.50	.66	.81
	2200	1040	67.0	19.6	3.90	.49	.64	.77	64.0	18.8	4.36	.49	.65	.79	61.0	17.9	4.87	.50	.66	.81	57.5	16.9	5.44	.51	.68	.84

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

SSA060 - CH23-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.0	12.6	2.10	.76	.89	1.00	41.5	12.2	2.46	.77	.91	1.00	39.5	11.6	2.86	.79	.93	1.00	37.4	11.0	3.33	.80	.95	1.00
	1400	660	43.5	12.7	2.10	.78	.92	1.00	42.0	12.3	2.46	.79	.94	1.00	40.0	11.7	2.86	.81	.96	1.00	38.0	11.1	3.32	.82	.98	1.00
	1500	710	44.5	13.0	2.10	.79	.94	1.00	42.5	12.5	2.46	.81	.95	1.00	40.5	11.9	2.85	.82	.98	1.00	38.5	11.3	3.31	.84	.99	1.00
67°F (19°C)	1300	615	45.5	13.3	2.09	.61	.74	.86	44.0	12.9	2.45	.62	.75	.88	42.0	12.3	2.84	.62	.76	.90	40.0	11.7	3.30	.64	.78	.92
	1400	660	46.5	13.6	2.09	.62	.75	.88	44.5	13.0	2.44	.63	.77	.90	42.5	12.5	2.84	.64	.78	.92	40.5	11.9	3.29	.65	.80	.95
	1500	710	47.0	13.8	2.09	.63	.77	.90	45.5	13.3	2.44	.64	.78	.92	43.0	12.6	2.83	.65	.80	.94	41.0	12.0	3.29	.66	.82	.97
71°F (22°C)	1300	615	48.0	14.1	2.08	.47	.59	.71	46.5	13.6	2.43	.47	.60	.72	44.5	13.0	2.82	.47	.61	.74	42.5	12.5	3.27	.48	.62	.76
	1400	660	49.0	14.4	2.08	.47	.60	.73	47.0	13.8	2.43	.47	.61	.74	45.0	13.2	2.82	.48	.62	.76	43.0	12.6	3.27	.49	.64	.78
	1500	710	49.5	14.5	2.08	.48	.61	.74	48.0	14.1	2.42	.48	.62	.76	46.0	13.5	2.81	.49	.63	.77	43.5	12.7	3.26	.49	.65	.79

SSA060 - CH23-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	56.5	16.6	3.75	.76	.90	1.00	54.0	15.8	4.21	.78	.92	1.00	51.0	14.9	4.71	.80	.94	1.00	48.0	14.1	5.26	.82	.97	1.00
	2000	945	57.5	16.9	3.77	.79	.93	1.00	55.0	16.1	4.22	.80	.95	1.00	52.0	15.2	4.72	.82	.97	1.00	49.0	14.4	5.28	.85	.99	1.00
	2200	1040	58.5	17.1	3.78	.81	.96	1.00	56.0	16.4	4.23	.83	.98	1.00	53.0	15.5	4.74	.85	.99	1.00	50.5	14.8	5.30	.87	1.00	1.00
67°F (19°C)	1800	850	60.0	17.6	3.80	.61	.74	.87	57.0	16.7	4.25	.62	.76	.89	54.5	16.0	4.76	.63	.77	.91	51.0	14.9	5.32	.65	.79	.94
	2000	945	61.0	17.9	3.81	.62	.76	.90	58.5	17.1	4.27	.63	.78	.92	55.5	16.3	4.78	.65	.80	.94	52.0	15.2	5.34	.66	.82	.97
	2200	1040	62.0	18.2	3.83	.64	.79	.93	59.5	17.4	4.29	.65	.80	.95	56.5	16.6	4.79	.66	.82	.97	53.0	15.5	5.36	.68	.85	.99
71°F (22°C)	1800	850	63.0	18.5	3.84	.47	.60	.72	60.5	17.7	4.31	.48	.61	.73	57.5	16.9	4.81	.48	.62	.75	54.0	15.8	5.38	.48	.63	.77
	2000	945	64.5	18.9	3.86	.48	.61	.74	61.5	18.0	4.32	.48	.62	.76	58.5	17.1	4.83	.49	.63	.78	55.0	16.1	5.39	.49	.65	.80
	2200	1040	66.0	19.3	3.87	.49	.63	.76	62.5	18.3	4.33	.49	.64	.78	59.5	17.4	4.85	.50	.65	.80	56.0	16.4	5.41	.50	.67	.83

SSA060 - CH23-65 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.5	12.7	2.10	.76	.90	1.00	41.5	12.2	2.46	.78	.92	1.00	40.0	11.7	2.86	.79	.94	1.00	37.8	11.1	3.32	.81	.96	1.00
	1400	660	44.0	12.9	2.10	.78	.92	1.00	42.5	12.5	2.45	.79	.94	1.00	40.5	11.9	2.85	.81	.96	1.00	38.5	11.3	3.31	.83	.98	1.00
	1500	710	45.0	13.2	2.10	.79	.94	1.00	43.0	12.6	2.45	.81	.96	1.00	41.0	12.0	2.85	.83	.98	1.00	39.0	11.4	3.30	.85	1.00	1.00
67°F (19°C)	1300	615	46.0	13.5	2.09	.61	.74	.86	44.5	13.0	2.44	.62	.75	.88	42.5	12.5	2.84	.63	.77	.90	40.5	11.9	3.29	.64	.78	.93
	1400	660	47.0	13.8	2.09	.62	.75	.89	45.0	13.2	2.44	.63	.77	.91	43.0	12.6	2.83	.64	.78	.93	41.0	12.0	3.29	.65	.80	.95
	1500	710	48.0	14.1	2.09	.63	.77	.91	46.0	13.5	2.43	.64	.79	.93	44.0	12.9	2.83	.65	.80	.95	41.5	12.2	3.28	.66	.82	.97
71°F (22°C)	1300	615	49.0	14.4	2.08	.47	.59	.71	47.0	13.8	2.43	.47	.60	.72	45.0	13.2	2.82	.47	.61	.74	43.0	12.6	3.27	.48	.62	.76
	1400	660	50.0	14.7	2.08	.47	.61	.73	48.0	14.1	2.42	.47	.61	.74	45.5	13.3	2.81	.48	.62	.76	43.5	12.7	3.26	.49	.64	.78
	1500	710	50.5	14.8	2.08	.48	.62	.75	48.5	14.2	2.42	.48	.63	.76	46.5	13.6	2.81	.48	.64	.78	44.0	12.9	3.26	.49	.65	.80

SSA060 - CH23-65 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	57.5	16.9	3.76	.77	.91	1.00	54.5	16.0	4.21	.78	.93	1.00	52.0	15.2	4.72	.80	.95	1.00	49.0	14.4	5.28	.82	.97	1.00
	2000	945	58.5	17.1	3.78	.79	.94	1.00	55.5	16.3	4.23	.81	.96	1.00	53.0	15.5	4.73	.83	.98	1.00	50.0	14.7	5.30	.85	1.00	1.00
	2200	1040	59.5	17.4	3.79	.81	.96	1.00	57.0	16.7	4.25	.83	.98	1.00	54.0	15.8	4.75	.85	1.00	1.00	51.5	15.1	5.33	.88	1.00	1.00
67°F (19°C)	1800	850	60.5	17.7	3.80	.61	.75	.87	58.0	17.0	4.27	.62	.76	.89	55.0	16.1	4.77	.63	.78	.92	52.0	15.2	5.33	.65	.80	.94
	2000	945	62.0	18.2	3.83	.63	.77	.90	59.5	17.4	4.29	.64	.78	.93	56.0	16.4	4.79	.65	.80	.95	53.0	15.5	5.35	.67	.83	.98
	2200	1040	63.0	18.5	3.84	.64	.79	.93	60.0	17.6	4.30	.65	.81	.95	57.0	16.7	4.81	.67	.83	.98	53.5	15.7	5.37	.68	.86	.99
71°F (22°C)	1800	850	64.0	18.8	3.86	.47	.60	.72	61.5	18.0	4.31	.47	.61	.74	58.5	17.1	4.83	.48	.62	.75	55.0	16.1	5.39	.48	.63	.78
	2000	945	65.0	19.0	3.87	.48	.61	.74	62.5	18.3	4.33	.48	.62	.76	59.5	17.4	4.85	.48	.64	.78	56.0	16.4	5.41	.49	.65	.80
	2200	1040	67.0	19.6	3.89	.49	.63	.77	63.5	18.6	4.35	.49	.64	.79	60.5	17.7	4.86	.49	.65	.81	57.0	16.7	5.43	.50	.67	.84

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

SSA060 - CH33-60D-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.95	1.00
	1400	660	45.0	13.2	2.10	.77	.91	1.00	43.0	12.6	2.45	.79	.93	1.00	41.5	12.2	2.85	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	45.5	13.3	2.09	.79	.93	1.00	44.0	12.9	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.30	.84	1.00	1.00
67°F (19°C)	1300	615	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.61	.74	.87	43.0	12.6	2.83	.62	.76	.89	41.0	12.0	3.28	.63	.78	.92
	1400	660	48.0	14.1	2.09	.62	.75	.88	46.0	13.5	2.43	.62	.76	.90	44.0	12.9	2.83	.64	.78	.92	41.5	12.2	3.28	.65	.80	.94
	1500	710	48.5	14.2	2.08	.63	.76	.90	46.5	13.6	2.43	.64	.78	.92	44.5	13.0	2.82	.65	.79	.94	42.0	12.3	3.27	.66	.82	.97
71°F (22°C)	1300	615	50.0	14.7	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.59	.72	46.0	13.5	2.82	.48	.61	.73	43.5	12.7	3.26	.48	.62	.75
	1400	660	50.5	14.8	2.08	.47	.60	.72	48.5	14.2	2.42	.48	.61	.74	46.5	13.6	2.81	.48	.62	.75	44.5	13.0	3.26	.49	.63	.77
	1500	710	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

SSA060 - CH33-60D-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	58.5	17.1	3.78	.76	.89	1.00	56.0	16.4	4.24	.77	.91	1.00	53.0	15.5	4.74	.79	.94	1.00	50.0	14.7	5.30	.81	.96	1.00
	2000	945	60.0	17.6	3.79	.78	.92	1.00	57.0	16.7	4.25	.80	.94	1.00	54.0	15.8	4.76	.81	.97	1.00	51.0	14.9	5.32	.84	.99	1.00
	2200	1040	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.0	16.1	4.77	.84	.99	1.00	52.0	15.2	5.34	.86	1.00	1.00
67°F (19°C)	1800	850	62.0	18.2	3.83	.61	.74	.86	59.5	17.4	4.29	.62	.75	.88	56.5	16.6	4.79	.63	.77	.90	53.0	15.5	5.36	.64	.79	.93
	2000	945	63.5	18.6	3.84	.62	.75	.89	60.5	17.7	4.30	.63	.77	.91	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.38	.66	.81	.96
	2200	1040	64.5	18.9	3.86	.63	.78	.92	61.5	18.0	4.32	.65	.79	.94	58.5	17.1	4.83	.66	.81	.96	55.0	16.1	5.39	.67	.84	.99
71°F (22°C)	1800	850	66.0	19.3	3.88	.47	.60	.71	62.5	18.3	4.34	.48	.60	.73	59.5	17.4	4.85	.48	.61	.74	56.0	16.4	5.42	.49	.63	.76
	2000	945	67.0	19.6	3.89	.48	.61	.73	64.0	18.8	4.36	.48	.62	.75	61.0	17.9	4.87	.49	.63	.77	57.5	16.9	5.44	.50	.64	.79
	2200	1040	68.0	19.9	3.91	.48	.62	.75	65.0	19.0	4.38	.49	.63	.77	62.0	18.2	4.89	.50	.64	.79	58.5	17.1	5.46	.50	.66	.81

SSA060 - CH33-62D-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.78	.93	1.00	39.0	11.4	3.30	.80	.95	1.00
	1400	660	45.5	13.3	2.10	.77	.91	1.00	43.5	12.7	2.45	.79	.93	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.29	.84	.99	1.00
67°F (19°C)	1300	615	47.0	13.8	2.09	.61	.73	.85	45.5	13.3	2.43	.61	.75	.87	43.5	12.7	2.83	.62	.76	.89	41.0	12.0	3.28	.64	.78	.91
	1400	660	48.0	14.1	2.08	.62	.75	.88	46.0	13.5	2.43	.63	.76	.89	44.0	12.9	2.82	.64	.78	.92	42.0	12.3	3.27	.65	.80	.94
	1500	710	48.5	14.2	2.08	.63	.76	.89	47.0	13.8	2.43	.64	.78	.91	45.0	13.2	2.82	.65	.79	.94	42.5	12.5	3.27	.66	.81	.96
71°F (22°C)	1300	615	49.5	14.5	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.73	43.5	12.7	3.26	.48	.62	.75
	1400	660	50.5	14.8	2.08	.48	.60	.72	48.5	14.2	2.42	.48	.61	.74	46.5	13.6	2.81	.48	.62	.75	44.5	13.0	3.25	.49	.63	.77
	1500	710	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.80	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

SSA060 - CH33-62D-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.0	17.3	3.79	.76	.89	1.00	56.5	16.6	4.24	.77	.91	1.00	53.5	15.7	4.75	.79	.93	1.00	50.5	14.8	5.31	.81	.96	1.00
	2000	945	60.5	17.7	3.81	.78	.92	1.00	58.0	17.0	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.97	1.00	51.5	15.1	5.33	.84	.99	1.00
	2200	1040	61.5	18.0	3.82	.80	.95	1.00	59.0	17.3	4.28	.82	.97	1.00	56.0	16.4	4.79	.84	.99	1.00	52.5	15.4	5.34	.86	1.00	1.00
67°F (19°C)	1800	850	62.5	18.3	3.83	.61	.73	.86	59.5	17.4	4.29	.62	.75	.87	57.0	16.7	4.80	.63	.77	.90	53.5	15.7	5.37	.64	.79	.93
	2000	945	64.0	18.8	3.85	.62	.76	.88	61.0	17.9	4.31	.63	.77	.90	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.66	.81	.96
	2200	1040	65.0	19.0	3.87	.64	.78	.91	62.0	18.2	4.33	.65	.79	.94	59.0	17.3	4.84	.66	.81	.96	55.5	16.3	5.41	.67	.84	.99
71°F (22°C)	1800	850	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.48	.60	.73	60.0	17.6	4.85	.48	.61	.74	56.5	16.6	5.43	.49	.63	.76
	2000	945	67.0	19.6	3.90	.48	.61	.73	64.5	18.9	4.37	.48	.62	.75	61.5	18.0	4.88	.49	.63	.77	58.0	17.0	5.45	.50	.64	.79
	2200	1040	69.0	20.2	3.92	.48	.62	.75	66.0	19.3	4.38	.49	.63	.77	62.5	18.3	4.90	.50	.64	.79	59.0	17.3	5.47	.50	.66	.81

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

SSA060 - CH33-50/60C-2F - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.84	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
	1400	660	45.5	13.3	2.09	.78	.92	1.00	43.5	12.7	2.44	.79	.94	1.00	41.5	12.2	2.84	.81	.96	1.00	39.5	11.6	3.30	.83	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.84	.83	.98	1.00	40.0	11.7	3.29	.84	1.00	1.00
67°F (19°C)	1300	615	47.5	13.9	2.09	.61	.73	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.5	12.2	3.28	.64	.78	.92
	1400	660	48.5	14.2	2.08	.62	.75	.88	46.5	13.6	2.43	.63	.77	.90	44.5	13.0	2.82	.64	.78	.92	42.0	12.3	3.28	.65	.80	.95
	1500	710	49.0	14.4	2.08	.63	.77	.90	47.0	13.8	2.43	.64	.78	.92	45.0	13.2	2.82	.65	.80	.95	42.5	12.5	3.26	.66	.82	.97
71°F (22°C)	1300	615	50.0	14.7	2.08	.47	.59	.71	48.5	14.2	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1400	660	51.0	14.9	2.08	.48	.60	.73	49.0	14.4	2.42	.48	.61	.74	47.0	13.8	2.81	.49	.62	.76	44.5	13.0	3.25	.49	.63	.78
	1500	710	52.0	15.2	2.07	.48	.62	.74	50.0	14.7	2.42	.49	.62	.76	47.5	13.9	2.80	.49	.63	.77	45.0	13.2	3.25	.49	.65	.80

SSA060 - CH33-50/60C-2F - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.0	17.3	3.78	.76	.90	1.00	56.5	16.6	4.24	.78	.92	1.00	53.5	15.7	4.75	.79	.94	1.00	50.5	14.8	5.30	.82	.97	1.00
	2000	945	60.5	17.7	3.80	.78	.93	1.00	57.5	16.9	4.26	.80	.95	1.00	54.5	16.0	4.76	.82	.97	1.00	51.5	15.1	5.33	.84	1.00	1.00
	2200	1040	61.5	18.0	3.82	.81	.96	1.00	58.5	17.1	4.28	.82	.98	1.00	55.5	16.3	4.78	.85	1.00	1.00	52.5	15.4	5.34	.87	1.00	1.00
67°F (19°C)	1800	850	62.5	18.3	3.84	.61	.74	.86	59.5	17.4	4.29	.62	.75	.88	57.0	16.7	4.80	.63	.77	.91	53.5	15.7	5.36	.64	.79	.94
	2000	945	64.0	18.8	3.85	.62	.76	.89	61.0	17.9	4.31	.63	.78	.91	58.0	17.0	4.82	.65	.79	.94	54.5	16.0	5.38	.66	.82	.97
	2200	1040	65.0	19.0	3.87	.64	.78	.92	62.0	18.2	4.33	.65	.80	.95	59.0	17.3	4.84	.66	.82	.97	55.5	16.3	5.40	.68	.85	1.00
71°F (22°C)	1800	850	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.48	.60	.73	60.0	17.6	4.86	.48	.61	.74	56.5	16.6	5.43	.49	.63	.76
	2000	945	68.0	19.9	3.90	.48	.61	.73	64.5	18.9	4.37	.48	.62	.75	61.5	18.0	4.88	.49	.63	.77	57.5	16.9	5.45	.50	.65	.79
	2200	1040	69.0	20.2	3.92	.49	.62	.76	66.0	19.3	4.38	.49	.63	.77	62.5	18.3	4.90	.50	.65	.80	59.0	17.3	5.47	.50	.66	.82

SSA060 - CH23-68 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.0	13.2	2.10	.77	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.80	.94	1.00	39.0	11.4	3.31	.82	.97	1.00
	1400	660	45.5	13.3	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.30	.84	.99	1.00
	1500	710	46.5	13.6	2.09	.80	.95	1.00	44.5	13.0	2.44	.82	.97	1.00	42.5	12.5	2.83	.84	.99	1.00	40.5	11.9	3.29	.86	1.00	1.00
67°F (19°C)	1300	615	48.0	14.1	2.09	.61	.74	.87	46.0	13.5	2.43	.62	.76	.89	43.5	12.7	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1400	660	48.5	14.2	2.08	.62	.76	.90	46.5	13.6	2.43	.63	.78	.91	44.5	13.0	2.82	.64	.79	.93	42.0	12.3	3.27	.65	.81	.96
	1500	710	49.0	14.4	2.08	.63	.78	.92	47.5	13.9	2.43	.64	.79	.94	45.0	13.2	2.82	.65	.81	.96	43.0	12.6	3.27	.67	.83	.98
71°F (22°C)	1300	615	51.0	14.9	2.08	.47	.60	.72	49.0	14.4	2.42	.47	.60	.73	46.5	13.6	2.81	.47	.61	.75	44.5	13.0	3.25	.48	.62	.76
	1400	660	51.5	15.1	2.07	.47	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.80	.48	.63	.77	45.0	13.2	3.25	.49	.64	.79
	1500	710	52.5	15.4	2.07	.48	.62	.75	50.5	14.8	2.41	.48	.63	.77	48.0	14.1	2.80	.49	.64	.79	45.5	13.3	3.24	.50	.65	.81

SSA060 - CH23-68 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.5	17.4	3.79	.77	.91	1.00	57.0	16.7	4.25	.79	.93	1.00	54.0	15.8	4.75	.81	.96	1.00	51.0	14.9	5.32	.83	.98	1.00
	2000	945	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.5	16.3	4.78	.84	.99	1.00	52.5	15.4	5.34	.86	1.00	1.00
	2200	1040	62.5	18.3	3.83	.83	.97	1.00	59.5	17.4	4.29	.84	.99	1.00	56.5	16.6	4.79	.87	1.00	1.00	54.0	15.8	5.38	.90	1.00	1.00
67°F (19°C)	1800	850	63.5	18.6	3.85	.62	.75	.88	60.5	17.7	4.30	.63	.77	.90	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.37	.65	.81	.95
	2000	945	64.5	18.9	3.86	.63	.78	.92	61.5	18.0	4.32	.64	.80	.94	58.5	17.1	4.83	.66	.82	.96	55.0	16.1	5.40	.67	.84	.98
	2200	1040	66.0	19.3	3.88	.65	.80	.95	63.0	18.5	4.34	.66	.82	.97	59.5	17.4	4.85	.68	.84	.99	56.0	16.4	5.41	.69	.87	1.00
71°F (22°C)	1800	850	67.0	19.6	3.90	.47	.60	.73	64.0	18.8	4.36	.48	.61	.74	61.0	17.9	4.87	.48	.63	.76	57.5	16.9	5.44	.49	.64	.79
	2000	945	69.0	20.2	3.92	.48	.62	.75	66.0	19.3	4.38	.48	.63	.77	62.0	18.2	4.89	.49	.64	.79	58.5	17.1	5.46	.50	.66	.82
	2200	1040	70.0	20.5	3.94	.49	.64	.78	67.0	19.6	4.40	.49	.65	.80	63.0	18.5	4.91	.50	.66	.82	59.5	17.4	5.48	.51	.68	.85

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

SSA060 - CB30U-51 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.0	11.7	2.86	.78	.93	1.00	38.0	11.1	3.31	.80	.95	1.00
	1400	660	44.0	12.9	2.10	.77	.91	1.00	42.5	12.5	2.45	.78	.93	1.00	40.5	11.9	2.85	.80	.95	1.00	38.5	11.3	3.31	.82	.98	1.00
	1500	710	45.0	13.2	2.09	.78	.93	1.00	43.0	12.6	2.45	.80	.95	1.00	41.5	12.2	2.85	.82	.97	1.00	39.5	11.6	3.30	.84	.99	1.00
67°F (19°C)	1300	615	46.5	13.6	2.09	.60	.73	.86	44.5	13.0	2.44	.61	.74	.88	42.5	12.5	2.84	.61	.76	.90	40.5	11.9	3.29	.62	.78	.92
	1400	660	47.0	13.8	2.09	.61	.74	.88	45.0	13.2	2.44	.61	.76	.90	43.0	12.6	2.83	.62	.77	.92	41.0	12.0	3.28	.64	.79	.95
	1500	710	48.0	14.1	2.09	.61	.76	.90	46.0	13.5	2.43	.62	.77	.92	44.0	12.9	2.83	.63	.79	.94	41.5	12.2	3.28	.65	.81	.97
71°F (22°C)	1300	615	49.0	14.4	2.08	.45	.58	.70	47.0	13.8	2.43	.45	.59	.72	45.0	13.2	2.82	.46	.60	.73	43.0	12.6	3.27	.46	.61	.75
	1400	660	50.0	14.7	2.08	.46	.59	.72	48.0	14.1	2.42	.46	.60	.73	46.0	13.5	2.81	.46	.61	.75	43.5	12.7	3.26	.47	.62	.77
	1500	710	50.5	14.8	2.08	.46	.60	.74	48.5	14.2	2.42	.46	.61	.75	46.5	13.6	2.81	.47	.62	.77	44.0	12.9	3.26	.47	.63	.79

SSA060 - CB30U-51 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1500	710	55.0	16.1	3.73	.73	.85	.97	52.5	15.4	4.19	.74	.87	.99	50.0	14.7	4.69	.75	.89	1.00	47.0	13.8	5.24	.77	.92	1.00
	1700	800	56.5	16.6	3.75	.75	.88	1.00	54.0	15.8	4.21	.76	.91	1.00	51.5	15.1	4.71	.78	.93	1.00	48.5	14.2	5.27	.80	.96	1.00
	1900	895	58.0	17.0	3.77	.77	.92	1.00	55.5	16.3	4.23	.79	.94	1.00	52.5	15.4	4.73	.80	.96	1.00	49.5	14.5	5.29	.83	.99	1.00
67°F (19°C)	1500	710	58.5	17.1	3.77	.58	.70	.82	56.0	16.4	4.24	.59	.71	.84	53.0	15.5	4.74	.60	.73	.86	50.0	14.7	5.30	.61	.75	.88
	1700	800	60.0	17.6	3.80	.59	.72	.85	57.5	16.9	4.26	.60	.74	.87	54.5	16.0	4.76	.61	.75	.89	51.5	15.1	5.33	.62	.78	.92
	1900	895	61.5	18.0	3.82	.61	.75	.88	59.0	17.3	4.28	.62	.76	.91	56.0	16.4	4.79	.63	.78	.93	52.5	15.4	5.34	.64	.80	.96
71°F (22°C)	1500	710	62.0	18.2	3.82	.45	.56	.68	59.0	17.3	4.28	.45	.57	.69	56.5	16.6	4.79	.45	.58	.70	53.0	15.5	5.35	.45	.59	.72
	1700	800	63.5	18.6	3.85	.45	.58	.70	61.0	17.9	4.31	.46	.59	.71	58.0	17.0	4.81	.46	.60	.73	54.5	16.0	5.39	.46	.61	.75
	1900	895	65.0	19.0	3.87	.46	.59	.72	62.0	18.2	4.33	.46	.60	.74	59.0	17.3	4.84	.47	.61	.76	55.5	16.3	5.40	.47	.63	.78

SSA060 - CB30M-51 - CBX32M-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.90	1.00	42.5	12.5	2.45	.77	.92	1.00	40.5	11.9	2.85	.78	.94	1.00	38.5	11.3	3.31	.80	.96	1.00
	1400	660	45.0	13.2	2.10	.77	.92	1.00	43.0	12.6	2.45	.79	.94	1.00	41.0	12.0	2.85	.80	.96	1.00	39.0	11.4	3.30	.82	.98	1.00
	1500	710	45.5	13.3	2.09	.79	.94	1.00	43.5	12.7	2.45	.80	.96	1.00	42.0	12.3	2.84	.82	.98	1.00	39.5	11.6	3.30	.84	1.00	1.00
67°F (19°C)	1300	615	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.60	.74	.88	43.0	12.6	2.83	.61	.76	.90	41.0	12.0	3.29	.62	.78	.93
	1400	660	48.0	14.1	2.09	.61	.75	.89	46.0	13.5	2.44	.61	.76	.91	44.0	12.9	2.83	.63	.78	.93	41.5	12.2	3.28	.64	.80	.95
	1500	710	48.5	14.2	2.08	.62	.76	.91	46.5	13.6	2.43	.63	.78	.93	44.5	13.0	2.82	.64	.80	.95	42.0	12.3	3.27	.65	.82	.97
71°F (22°C)	1300	615	49.5	14.5	2.08	.45	.58	.70	48.0	14.1	2.43	.45	.59	.72	45.5	13.3	2.81	.46	.60	.73	43.5	12.7	3.26	.46	.61	.75
	1400	660	50.5	14.8	2.08	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.0	12.9	3.26	.47	.62	.77
	1500	710	51.5	15.1	2.08	.46	.60	.74	49.0	14.4	2.42	.46	.61	.75	47.0	13.8	2.81	.47	.62	.77	44.5	13.0	3.25	.47	.64	.79

SSA060 - CB30M-51 - CBX32M-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1650	780	57.0	16.7	3.76	.74	.88	1.00	54.5	16.0	4.21	.76	.90	1.00	51.5	15.1	4.71	.77	.92	1.00	48.5	14.2	5.28	.80	.95	1.00
	1850	875	58.5	17.1	3.78	.77	.91	1.00	55.5	16.3	4.23	.78	.93	1.00	52.5	15.4	4.73	.80	.96	1.00	49.5	14.5	5.30	.82	.98	1.00
	2050	970	59.5	17.4	3.79	.79	.94	1.00	57.0	16.7	4.25	.81	.97	1.00	54.0	15.8	4.75	.83	.99	1.00	51.0	14.9	5.32	.85	1.00	1.00
67°F (19°C)	1650	780	60.5	17.7	3.80	.59	.72	.84	57.5	16.9	4.26	.60	.73	.87	55.0	16.1	4.77	.61	.75	.89	51.5	15.1	5.33	.62	.77	.92
	1850	875	62.0	18.2	3.82	.60	.74	.88	59.0	17.3	4.28	.61	.76	.90	56.0	16.4	4.79	.62	.78	.93	52.5	15.4	5.35	.64	.80	.96
	2050	970	63.0	18.5	3.84	.62	.77	.91	60.5	17.7	4.30	.63	.78	.94	57.0	16.7	4.81	.64	.80	.96	53.5	15.7	5.37	.66	.83	.98
71°F (22°C)	1650	780	64.0	18.8	3.85	.45	.58	.69	61.0	17.9	4.31	.45	.58	.71	58.0	17.0	4.81	.46	.59	.72	54.5	16.0	5.39	.46	.61	.75
	1850	875	65.0	19.0	3.87	.46	.59	.72	62.5	18.3	4.33	.46	.60	.73	59.5	17.4	4.84	.46	.61	.75	56.0	16.4	5.41	.47	.63	.78
	2050	970	67.0	19.6	3.89	.46	.61	.74	63.5	18.6	4.35	.46	.62	.76	60.5	17.7	4.86	.47	.63	.78	57.0	16.7	5.43	.48	.64	.80

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

SSA060 - CB31MV-51 - CBX32MV-048 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1205	570	43.5	12.7	2.10	.74	.88	.99	42.0	12.3	2.46	.75	.89	1.00	40.0	11.7	2.86	.77	.91	1.00	37.8	11.1	3.32	.78	.94	1.00
	1400	660	45.0	13.2	2.10	.77	.92	1.00	43.0	12.6	2.45	.79	.94	1.00	41.0	12.0	2.85	.80	.96	1.00	39.0	11.4	3.30	.82	.98	1.00
	1625	765	46.5	13.6	2.09	.81	.97	1.00	44.5	13.0	2.44	.82	.98	1.00	42.5	12.5	2.83	.84	1.00	1.00	40.5	11.9	3.29	.87	1.00	1.00
67°F (19°C)	1205	570	46.0	13.5	2.09	.59	.71	.84	44.5	13.0	2.44	.60	.73	.86	42.5	12.5	2.84	.60	.74	.88	40.5	11.9	3.29	.61	.76	.90
	1400	660	48.0	14.1	2.09	.61	.75	.89	46.0	13.5	2.44	.61	.76	.91	44.0	12.9	2.83	.63	.78	.93	41.5	12.2	3.28	.64	.80	.95
	1625	765	49.0	14.4	2.08	.63	.78	.94	47.0	13.8	2.43	.64	.80	.96	45.0	13.2	2.82	.65	.82	.98	42.5	12.5	3.27	.66	.84	1.00
71°F (22°C)	1205	570	49.0	14.4	2.08	.45	.57	.69	47.0	13.8	2.43	.45	.58	.70	45.0	13.2	2.82	.45	.59	.72	42.5	12.5	3.27	.46	.60	.73
	1400	660	50.5	14.8	2.08	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.0	12.9	3.26	.47	.62	.77
	1625	765	52.0	15.2	2.08	.46	.62	.76	50.0	14.7	2.42	.47	.63	.78	47.5	13.9	2.80	.47	.64	.79	45.5	13.3	3.25	.48	.65	.82

SSA060 - CB31MV-51 - CBX32MV-048 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1820	860	58.0	17.0	3.77	.76	.91	1.00	55.5	16.3	4.23	.78	.93	1.00	52.5	15.4	4.73	.80	.96	1.00	49.5	14.5	5.29	.82	.98	1.00
	2000	945	59.5	17.4	3.79	.78	.94	1.00	56.5	16.6	4.24	.80	.96	1.00	53.5	15.7	4.75	.82	.98	1.00	50.5	14.8	5.31	.85	1.00	1.00
	2145	1010	60.0	17.6	3.80	.80	.96	1.00	57.5	16.9	4.25	.82	.98	1.00	54.5	16.0	4.76	.84	.99	1.00	51.5	15.1	5.33	.87	1.00	1.00
67°F (19°C)	1820	860	61.5	18.0	3.82	.60	.74	.87	59.0	17.3	4.28	.61	.75	.90	56.0	16.4	4.79	.62	.77	.92	52.5	15.4	5.35	.64	.80	.95
	2000	945	63.0	18.5	3.84	.61	.76	.90	60.0	17.6	4.30	.62	.78	.93	57.0	16.7	4.80	.64	.80	.95	53.5	15.7	5.37	.65	.82	.98
	2145	1010	64.0	18.8	3.85	.62	.78	.93	61.0	17.9	4.31	.64	.79	.95	57.5	16.9	4.81	.65	.82	.97	54.0	15.8	5.38	.66	.84	.99
71°F (22°C)	1820	860	65.0	19.0	3.87	.45	.59	.72	62.0	18.2	4.33	.46	.60	.73	59.0	17.3	4.84	.46	.61	.75	55.5	16.3	5.40	.47	.62	.77
	2000	945	66.0	19.3	3.88	.46	.60	.74	63.5	18.6	4.35	.46	.61	.75	60.0	17.6	4.86	.47	.62	.77	56.5	16.6	5.42	.48	.64	.80
	2145	1010	67.0	19.6	3.90	.46	.61	.75	64.0	18.8	4.36	.47	.62	.77	61.0	17.9	4.87	.47	.64	.79	57.0	16.7	5.44	.48	.65	.82

SSA060 - CB31MV-65 - CBX32MV-060 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1205	570	43.5	12.7	2.10	.74	.87	.99	42.0	12.3	2.45	.75	.89	1.00	40.0	11.7	2.85	.77	.91	1.00	38.0	11.1	3.31	.78	.93	1.00
	1400	660	45.5	13.3	2.09	.77	.91	1.00	43.5	12.7	2.45	.78	.93	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1625	765	46.5	13.6	2.09	.80	.96	1.00	45.0	13.2	2.44	.82	.98	1.00	43.0	12.6	2.83	.84	.99	1.00	41.0	12.0	3.29	.86	1.00	1.00
67°F (19°C)	1205	570	46.0	13.5	2.09	.59	.71	.84	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.84	.60	.74	.87	40.5	11.9	3.29	.61	.76	.89
	1400	660	48.0	14.1	2.08	.61	.75	.88	46.0	13.5	2.43	.61	.76	.90	44.0	12.9	2.82	.62	.78	.92	41.5	12.2	3.27	.63	.79	.94
	1625	765	49.5	14.5	2.08	.63	.78	.93	47.5	13.9	2.43	.64	.80	.95	45.0	13.2	2.82	.65	.81	.97	43.0	12.6	3.27	.66	.84	.99
71°F (22°C)	1205	570	49.0	14.4	2.08	.45	.57	.69	47.0	13.8	2.43	.45	.58	.70	45.0	13.2	2.82	.46	.59	.71	43.0	12.6	3.26	.46	.60	.73
	1400	660	50.5	14.8	2.07	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.5	13.0	3.26	.47	.62	.77
	1625	765	52.0	15.2	2.07	.47	.61	.76	50.0	14.7	2.42	.47	.62	.77	48.0	14.1	2.80	.48	.64	.79	45.5	13.3	3.24	.48	.65	.81

SSA060 - CB31MV-65 - CBX32MV-060 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1820	860	59.0	17.3	3.78	.76	.90	1.00	56.5	16.6	4.24	.77	.92	1.00	53.5	15.7	4.74	.79	.94	1.00	50.5	14.8	5.31	.81	.97	1.00
	2000	945	60.0	17.6	3.80	.78	.93	1.00	57.5	16.9	4.25	.79	.95	1.00	54.5	16.0	4.77	.81	.97	1.00	51.5	15.1	5.33	.84	.99	1.00
	2145	1010	61.0	17.9	3.81	.79	.95	1.00	58.0	17.0	4.27	.81	.97	1.00	55.5	16.3	4.77	.83	.99	1.00	52.0	15.2	5.33	.86	1.00	1.00
67°F (19°C)	1820	860	62.0	18.2	3.83	.60	.73	.87	59.5	17.4	4.29	.61	.75	.89	56.5	16.6	4.80	.62	.77	.91	53.5	15.7	5.36	.63	.79	.94
	2000	945	63.5	18.6	3.85	.61	.75	.89	60.5	17.7	4.31	.62	.77	.91	57.5	16.9	4.81	.63	.79	.94	54.0	15.8	5.38	.65	.82	.97
	2145	1010	64.5	18.9	3.86	.62	.77	.91	61.5	18.0	4.32	.63	.79	.94	58.0	17.0	4.82	.64	.81	.96	55.0	16.1	5.39	.66	.83	.98
71°F (22°C)	1820	860	66.0	19.3	3.88	.46	.59	.71	63.0	18.5	4.34	.46	.60	.73	60.0	17.6	4.85	.46	.61	.74	56.5	16.6	5.42	.47	.62	.76
	2000	945	67.0	19.6	3.90	.46	.60	.73	64.0	18.8	4.36	.46	.61	.75	61.0	17.9	4.87	.47	.62	.77	57.5	16.9	5.44	.48	.64	.79
	2145	1010	68.0	19.9	3.91	.47	.61	.75	65.0	19.0	4.37	.47	.62	.77	61.5	18.0	4.88	.47	.63	.79	58.0	17.0	5.45	.48	.65	.81

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

SSA060 - CB30M-65 - CBX32M-060 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	45.5	13.3	2.09	.77	.91	1.00	43.5	12.7	2.45	.78	.93	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.98	1.00	40.0	11.7	3.29	.84	.99	1.00
	1600	755	46.5	13.6	2.09	.80	.95	1.00	44.5	13.0	2.44	.82	.97	1.00	42.5	12.5	2.83	.83	.99	1.00	40.5	11.9	3.29	.86	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.08	.61	.75	.88	46.0	13.5	2.43	.61	.76	.90	44.0	12.9	2.82	.62	.78	.92	41.5	12.2	3.27	.63	.79	.94
	1500	710	48.5	14.2	2.08	.62	.76	.90	46.5	13.6	2.43	.62	.78	.92	44.5	13.0	2.82	.63	.79	.94	42.5	12.5	3.27	.65	.81	.97
	1600	755	49.0	14.4	2.08	.62	.78	.92	47.0	13.8	2.43	.64	.79	.94	45.0	13.2	2.82	.65	.81	.96	43.0	12.6	3.27	.66	.83	.98
71°F (22°C)	1400	660	50.5	14.8	2.07	.46	.59	.72	48.5	14.2	2.42	.46	.60	.74	46.5	13.6	2.81	.46	.61	.75	44.5	13.0	3.26	.47	.62	.77
	1500	710	51.5	15.1	2.07	.46	.60	.74	49.5	14.5	2.42	.47	.61	.75	47.0	13.8	2.80	.47	.62	.77	45.0	13.2	3.25	.47	.63	.79
	1600	755	52.0	15.2	2.07	.47	.61	.75	50.0	14.7	2.42	.47	.62	.77	48.0	14.1	2.80	.48	.63	.79	45.5	13.3	3.24	.48	.65	.81

SSA060 - CB30M-65 - CBX32M-060 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	59.0	17.3	3.78	.76	.90	1.00	56.0	16.4	4.24	.77	.92	1.00	53.5	15.7	4.74	.79	.94	1.00	50.0	14.7	5.31	.81	.97	1.00
	2000	945	60.0	17.6	3.80	.78	.93	1.00	57.5	16.9	4.25	.79	.95	1.00	54.5	16.0	4.77	.81	.97	1.00	51.5	15.1	5.33	.84	.99	1.00
	2200	1040	61.5	18.0	3.81	.80	.95	1.00	58.5	17.1	4.28	.82	.97	1.00	55.5	16.3	4.78	.84	.99	1.00	52.5	15.4	5.34	.86	1.00	1.00
67°F (19°C)	1800	850	62.0	18.2	3.83	.60	.73	.86	59.5	17.4	4.29	.61	.75	.88	56.5	16.6	4.79	.62	.76	.91	53.0	15.5	5.36	.63	.79	.94
	2000	945	63.5	18.6	3.85	.61	.75	.89	60.5	17.7	4.31	.62	.77	.91	57.5	16.9	4.81	.63	.79	.94	54.0	15.8	5.38	.65	.82	.97
	2200	1040	64.5	18.9	3.86	.63	.78	.92	61.5	18.0	4.32	.64	.79	.95	58.5	17.1	4.83	.65	.82	.97	55.0	16.1	5.40	.66	.84	.99
71°F (22°C)	1800	850	66.0	19.3	3.87	.46	.58	.71	62.5	18.3	4.34	.46	.59	.72	59.5	17.4	4.85	.46	.60	.74	56.0	16.4	5.41	.47	.62	.76
	2000	945	67.0	19.6	3.90	.46	.60	.73	64.0	18.8	4.36	.46	.61	.75	61.0	17.9	4.87	.47	.62	.77	57.5	16.9	5.44	.48	.64	.79
	2200	1040	68.0	19.9	3.91	.47	.61	.75	65.0	19.0	4.37	.47	.62	.77	62.0	18.2	4.89	.48	.64	.79	58.5	17.1	5.46	.48	.65	.82

SSA060 - CB30U-65 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.5	13.0	2.10	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.78	.93	1.00	39.0	11.4	3.31	.80	.96	1.00
	1400	660	45.5	13.3	2.09	.77	.92	1.00	43.5	12.7	2.45	.79	.94	1.00	41.5	12.2	2.84	.80	.96	1.00	39.5	11.6	3.30	.82	.98	1.00
	1500	710	46.0	13.5	2.09	.79	.94	1.00	44.0	12.9	2.44	.80	.96	1.00	42.5	12.5	2.84	.82	.98	1.00	40.0	11.7	3.29	.84	.99	1.00
67°F (19°C)	1300	615	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.74	.88	43.5	12.7	2.83	.61	.76	.90	41.5	12.2	3.28	.63	.78	.92
	1400	660	48.0	14.1	2.09	.61	.75	.88	46.0	13.5	2.43	.62	.76	.90	44.0	12.9	2.83	.62	.78	.92	42.0	12.3	3.28	.64	.80	.95
	1500	710	49.0	14.4	2.08	.61	.76	.90	47.0	13.8	2.43	.63	.78	.92	44.5	13.0	2.82	.64	.79	.95	42.5	12.5	3.27	.65	.81	.97
71°F (22°C)	1300	615	50.0	14.7	2.08	.45	.58	.70	48.0	14.1	2.43	.46	.59	.72	46.0	13.5	2.81	.46	.60	.73	44.0	12.9	3.26	.47	.61	.75
	1400	660	51.0	14.9	2.08	.46	.59	.72	49.0	14.4	2.42	.46	.60	.74	47.0	13.8	2.81	.47	.61	.75	44.5	13.0	3.26	.47	.62	.77
	1500	710	51.5	15.1	2.08	.47	.60	.74	49.5	14.5	2.42	.47	.61	.75	47.5	13.9	2.80	.47	.62	.77	45.0	13.2	3.25	.47	.63	.79

SSA060 - CB30U-65 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																									
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1700	800	58.0	17.0	3.77	.75	.88	.99	55.5	16.3	4.23	.76	.90	1.00	53.0	15.5	4.73	.78	.92	1.00	49.5	14.5	5.30	.80	.95	1.00
	1900	895	59.5	17.4	3.79	.77	.91	1.00	57.0	16.7	4.25	.78	.93	1.00	54.0	15.8	4.75	.80	.96	1.00	51.0	14.9	5.32	.82	.98	1.00
	2100	990	61.0	17.9	3.81	.79	.94	1.00	58.0	17.0	4.27	.81	.96	1.00	55.0	16.1	4.77	.83	.98	1.00	52.0	15.2	5.34	.85	1.00	1.00
67°F (19°C)	1700	800	62.0	18.2	3.82	.59	.72	.85	59.0	17.3	4.28	.60	.73	.87	56.0	16.4	4.79	.61	.75	.89	53.0	15.5	5.36	.62	.77	.92
	1900	895	63.0	18.5	3.84	.60	.74	.88	60.5	17.7	4.30	.61	.76	.90	57.5	16.9	4.81	.63	.78	.93	54.0	15.8	5.37	.64	.80	.95
	2100	990	64.5	18.9	3.86	.62	.77	.91	61.5	18.0	4.32	.63	.79	.93	58.0	17.0	4.83	.64	.80	.96	55.0	16.1	5.39	.66	.83	.98
71°F (22°C)	1700	800	65.0	19.0	3.87	.45	.58	.70	62.0	18.2	4.33	.46	.58	.71	59.0	17.3	4.84	.46	.60	.73	56.0	16.4	5.41	.47	.61	.75
	1900	895	67.0	19.6	3.89	.46	.59	.72	63.5	18.6	4.35	.46	.60	.74	60.5	17.7	4.86	.47	.61	.75	57.0	16.7	5.43	.47	.63	.78
	2100	990	68.0	19.9	3.91	.46	.61	.74	65.0	19.0	4.37	.47	.62	.76	61.5	18.0	4.88	.47	.63	.78	58.0	17.0	5.45	.48	.64	.80

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

SSA060 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1210	570	42.5	12.5	2.11	.74	.86	.98	41.0	12.0	2.46	.75	.88	.99	39.0	11.4	2.87	.76	.90	1.00	37.2	10.9	3.32	.78	.92	1.00
	1355	640	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.0	11.7	2.85	.78	.93	1.00	38.0	11.1	3.32	.80	.95	1.00
	1525	720	45.0	13.2	2.09	.78	.92	1.00	43.0	12.6	2.45	.80	.94	1.00	41.5	12.2	2.85	.81	.96	1.00	39.0	11.4	3.30	.83	.99	1.00
67°F (19°C)	1210	570	45.5	13.3	2.09	.59	.71	.83	43.5	12.7	2.45	.60	.72	.84	41.5	12.2	2.85	.60	.73	.86	39.5	11.6	3.30	.62	.75	.88
	1355	640	46.5	13.6	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.87	42.5	12.5	2.83	.62	.76	.89	40.5	11.9	3.29	.63	.77	.91
	1525	720	47.5	13.9	2.09	.62	.76	.89	45.5	13.3	2.44	.63	.77	.91	43.5	12.7	2.83	.64	.79	.93	41.5	12.2	3.28	.65	.81	.95
71°F (22°C)	1210	570	48.0	14.1	2.09	.46	.58	.68	46.0	13.5	2.43	.47	.58	.70	44.0	12.9	2.82	.47	.59	.71	42.0	12.3	3.27	.47	.60	.72
	1355	640	49.0	14.4	2.08	.47	.58	.71	47.0	13.8	2.42	.47	.59	.72	45.0	13.2	2.82	.47	.60	.73	43.0	12.6	3.27	.48	.61	.75
	1525	720	50.5	14.8	2.08	.47	.60	.73	48.5	14.2	2.42	.48	.61	.75	46.5	13.6	2.81	.49	.62	.76	44.0	12.9	3.26	.49	.64	.78

SSA060 - C33-48C with G61MPV-60C - CX34-44/48C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1765	835	57.0	16.7	3.75	.75	.88	.99	54.5	16.0	4.21	.76	.89	1.00	51.5	15.1	4.71	.78	.92	1.00	48.5	14.2	5.28	.80	.94	1.00
	1970	930	58.0	17.0	3.77	.77	.90	1.00	55.5	16.3	4.23	.78	.92	1.00	53.0	15.5	4.73	.80	.95	1.00	49.5	14.5	5.30	.82	.98	1.00
	2165	1020	59.5	17.4	3.79	.79	.93	1.00	57.0	16.7	4.25	.81	.96	1.00	54.0	15.8	4.75	.83	.98	1.00	51.0	14.9	5.32	.85	1.00	1.00
67°F (19°C)	1765	835	60.5	17.7	3.80	.60	.72	.84	57.5	16.9	4.26	.61	.74	.86	55.0	16.1	4.77	.62	.75	.88	51.5	15.1	5.33	.63	.77	.91
	1970	930	61.5	18.0	3.82	.61	.74	.87	59.0	17.3	4.28	.62	.76	.89	56.0	16.4	4.78	.63	.77	.91	52.5	15.4	5.35	.65	.79	.94
	2165	1020	63.0	18.5	3.84	.63	.77	.90	60.0	17.6	4.30	.64	.78	.92	57.0	16.7	4.80	.65	.80	.95	53.5	15.7	5.37	.67	.83	.98
71°F (22°C)	1765	835	63.5	18.6	3.85	.47	.59	.70	61.0	17.9	4.31	.47	.60	.71	58.0	17.0	4.82	.48	.60	.73	54.5	16.0	5.39	.48	.62	.75
	1970	930	65.0	19.0	3.87	.48	.60	.72	62.5	18.3	4.33	.48	.61	.73	59.0	17.3	4.84	.48	.62	.75	56.0	16.4	5.41	.49	.63	.77
	2165	1020	66.0	19.3	3.89	.49	.62	.74	63.5	18.6	4.35	.49	.63	.76	60.5	17.7	4.86	.50	.64	.78	57.0	16.7	5.43	.50	.65	.80

SSA060 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	41.5	12.2	2.11	.72	.83	.95	40.0	11.7	2.47	.73	.85	.96	38.0	11.1	2.87	.74	.87	.98	36.2	10.6	3.34	.75	.88	1.00
	1340	630	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.76	.90	1.00	40.0	11.7	2.85	.78	.92	1.00	38.0	11.1	3.32	.80	.95	1.00
	1350	635	43.5	12.7	2.10	.75	.89	1.00	42.0	12.3	2.46	.77	.91	1.00	40.0	11.7	2.85	.78	.93	1.00	38.0	11.1	3.32	.80	.95	1.00
67°F (19°C)	1080	510	44.0	12.9	2.10	.58	.69	.80	42.5	12.5	2.45	.59	.70	.81	40.5	11.9	2.85	.59	.71	.83	38.5	11.3	3.31	.60	.73	.85
	1340	630	46.5	13.6	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.87	42.5	12.5	2.84	.62	.76	.89	40.5	11.9	3.29	.63	.77	.91
	1350	635	46.5	13.6	2.09	.60	.73	.85	44.5	13.0	2.44	.61	.74	.87	42.5	12.5	2.83	.62	.76	.89	40.5	11.9	3.29	.63	.78	.92
71°F (22°C)	1080	510	46.5	13.6	2.09	.46	.56	.67	45.0	13.2	2.44	.46	.57	.67	43.0	12.6	2.83	.46	.57	.69	41.0	12.0	3.28	.46	.58	.70
	1340	630	49.0	14.4	2.08	.47	.58	.71	47.0	13.8	2.43	.47	.59	.72	45.0	13.2	2.82	.47	.60	.72	43.0	12.6	3.27	.48	.61	.75
	1350	635	49.0	14.4	2.08	.47	.59	.71	47.0	13.8	2.43	.47	.60	.72	45.0	13.2	2.82	.47	.60	.73	43.0	12.6	3.27	.48	.62	.75

SSA060 - C33-48C with G60UHV-60C - CX34-44/48C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	57.0	16.7	3.75	.75	.88	.99	54.5	16.0	4.21	.77	.90	1.00	52.0	15.2	4.72	.78	.92	1.00	49.0	14.4	5.28	.80	.95	1.00
	1920	905	58.0	17.0	3.77	.76	.90	1.00	55.5	16.3	4.23	.77	.91	1.00	52.5	15.4	4.73	.79	.94	1.00	49.5	14.5	5.29	.81	.97	1.00
	1930	910	58.0	17.0	3.77	.76	.90	1.00	55.5	16.3	4.23	.78	.92	1.00	52.5	15.4	4.73	.79	.94	1.00	49.5	14.5	5.29	.81	.97	1.00
67°F (19°C)	1805	850	60.5	17.7	3.81	.60	.73	.85	58.0	17.0	4.26	.61	.74	.87	55.0	16.1	4.77	.62	.75	.89	52.0	15.2	5.34	.63	.77	.91
	1920	905	61.5	18.0	3.82	.61	.74	.86	58.5	17.1	4.27	.62	.75	.88	55.5	16.3	4.78	.63	.77	.90	52.5	15.4	5.35	.64	.79	.93
	1930	910	61.5	18.0	3.82	.61	.74	.86	58.5	17.1	4.27	.62	.75	.88	55.5	16.3	4.78	.63	.77	.91	52.5	15.4	5.35	.64	.79	.94
71°F (22°C)	1805	850	64.0	18.8	3.85	.47	.59	.70	61.0	17.9	4.32	.47	.59	.72	58.0	17.0	4.82	.48	.60	.73	55.0	16.1	5.39	.48	.62	.75
	1920	905	65.0	19.0	3.86	.47	.59	.71	62.0	18.2	4.32	.48	.60	.73	59.0	17.3	4.84	.48	.61	.74	55.5	16.3	5.40	.49	.63	.76
	1930	910	65.0	19.0	3.87	.47	.60	.72	62.0	18.2	4.33	.48	.60	.73	59.0	17.3	4.84	.48	.62	.74	55.5	16.3	5.40	.49	.63	.77

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

SSA060 - C33-50/60C with G61MPV-60C - CX34-50/60C-6F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1210	570	43.0	12.6	2.10	.74	.87	.98	41.5	12.2	2.46	.75	.88	1.00	39.5	11.6	2.86	.77	.90	1.00	37.6	11.0	3.32	.78	.92	1.00
	1355	640	44.5	13.0	2.10	.75	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.96	1.00
	1525	720	45.5	13.3	2.09	.79	.93	1.00	43.5	12.7	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	39.5	11.6	3.30	.83	.99	1.00
67°F (19°C)	1210	570	46.0	13.5	2.09	.59	.72	.83	44.0	12.9	2.44	.60	.73	.85	42.0	12.3	2.84	.61	.73	.86	40.0	11.7	3.29	.62	.76	.89
	1355	640	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.61	.75	.88	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1525	720	48.0	14.1	2.09	.62	.76	.90	46.5	13.6	2.43	.63	.78	.92	44.0	12.9	2.82	.64	.79	.94	42.0	12.3	3.27	.65	.80	.96
71°F (22°C)	1210	570	48.5	14.2	2.08	.46	.58	.69	46.5	13.6	2.43	.46	.58	.70	44.5	13.0	2.82	.47	.59	.71	42.5	12.5	3.27	.47	.60	.73
	1355	640	49.5	14.5	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.59	.72	46.0	13.5	2.81	.47	.61	.74	43.5	12.7	3.26	.48	.62	.75
	1525	720	51.0	14.9	2.08	.47	.60	.74	49.0	14.4	2.42	.48	.62	.75	47.0	13.8	2.81	.49	.63	.77	44.5	13.0	3.25	.49	.64	.79

SSA060 - C33-50/60C with G61MPV-60C - CX34-450/60C-6F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1765	835	57.5	16.9	3.76	.75	.88	1.00	55.0	16.1	4.22	.77	.90	1.00	52.5	15.4	4.72	.78	.92	1.00	49.5	14.5	5.29	.80	.95	1.00
	1970	930	59.0	17.3	3.79	.77	.91	1.00	56.5	16.6	4.24	.79	.93	1.00	53.5	15.7	4.74	.81	.96	1.00	50.5	14.8	5.31	.83	.98	1.00
	2165	1020	60.5	17.7	3.80	.80	.94	1.00	57.5	16.9	4.26	.81	.96	1.00	54.5	16.0	4.77	.84	.99	1.00	51.5	15.1	5.33	.86	1.00	1.00
67°F (19°C)	1765	835	61.5	18.0	3.82	.61	.73	.85	58.5	17.1	4.27	.61	.74	.87	55.5	16.3	4.78	.62	.76	.89	52.5	15.4	5.34	.63	.78	.92
	1970	930	62.5	18.3	3.83	.62	.75	.88	59.5	17.4	4.29	.62	.76	.90	56.5	16.6	4.80	.64	.78	.92	53.5	15.7	5.37	.65	.80	.95
	2165	1020	64.0	18.8	3.85	.63	.77	.91	61.0	17.9	4.31	.65	.79	.93	58.0	17.0	4.82	.66	.81	.96	54.5	16.0	5.38	.67	.84	.99
71°F (22°C)	1765	835	64.5	18.9	3.86	.47	.59	.70	62.0	18.2	4.32	.47	.60	.72	58.5	17.1	4.83	.48	.61	.73	55.5	16.3	5.40	.48	.62	.75
	1970	930	66.0	19.3	3.88	.48	.60	.73	63.0	18.5	4.35	.48	.61	.74	60.0	17.6	4.85	.48	.62	.76	56.5	16.6	5.42	.49	.64	.78
	2165	1020	67.0	19.6	3.90	.49	.62	.75	64.5	18.9	4.36	.49	.63	.77	61.0	17.9	4.88	.50	.64	.79	57.5	16.9	5.45	.51	.66	.81

SSA060 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.85	.97	38.5	11.3	2.87	.74	.87	.99	36.6	10.7	3.33	.76	.89	1.00
	1340	630	44.0	12.9	2.10	.75	.89	1.00	42.5	12.5	2.46	.77	.91	1.00	40.5	11.9	2.85	.78	.93	1.00	38.5	11.3	3.31	.80	.95	1.00
	1350	635	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.81	.96	1.00
67°F (19°C)	1080	510	44.5	13.0	2.10	.58	.70	.80	43.0	12.6	2.45	.59	.71	.82	41.0	12.0	2.85	.59	.72	.83	39.0	11.4	3.31	.60	.73	.85
	1340	630	47.0	13.8	2.09	.60	.74	.86	45.0	13.2	2.44	.61	.75	.87	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.29	.63	.78	.92
	1350	635	47.0	13.8	2.09	.61	.73	.86	45.0	13.2	2.44	.61	.75	.88	43.0	12.6	2.83	.63	.76	.90	41.0	12.0	3.28	.63	.78	.92
71°F (22°C)	1080	510	47.0	13.8	2.09	.46	.56	.67	45.5	13.3	2.44	.46	.57	.68	43.5	12.7	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.71
	1340	630	49.5	14.5	2.08	.46	.59	.71	47.5	13.9	2.42	.47	.59	.72	45.5	13.3	2.82	.47	.60	.73	43.5	12.7	3.26	.48	.62	.75
	1350	635	49.5	14.5	2.08	.47	.59	.71	47.5	13.9	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	43.5	12.7	3.26	.48	.62	.76

SSA060 - C33-50/60C with G60UHV-60C - CX34-50/60C-6F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	52.5	15.4	4.73	.78	.93	1.00	49.5	14.5	5.29	.81	.96	1.00
	1920	905	58.5	17.1	3.78	.77	.90	1.00	56.0	16.4	4.24	.78	.92	1.00	53.0	15.5	4.74	.80	.95	1.00	50.0	14.7	5.30	.82	.98	1.00
	1930	910	59.0	17.3	3.78	.77	.90	1.00	56.0	16.4	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.0	14.7	5.30	.82	.98	1.00
67°F (19°C)	1805	850	61.5	18.0	3.82	.61	.73	.85	58.5	17.1	4.28	.61	.74	.87	55.5	16.3	4.78	.62	.76	.89	52.5	15.4	5.35	.64	.78	.92
	1920	905	62.5	18.3	3.83	.61	.74	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.63	.78	.91	53.0	15.5	5.36	.65	.80	.94
	1930	910	62.5	18.3	3.83	.61	.75	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.63	.78	.92	53.0	15.5	5.36	.65	.80	.95
71°F (22°C)	1805	850	65.0	19.0	3.87	.47	.59	.71	62.0	18.2	4.33	.47	.60	.72	59.0	17.3	4.83	.48	.61	.74	55.5	16.3	5.41	.48	.62	.76
	1920	905	66.0	19.3	3.88	.47	.60	.72	63.0	18.5	4.34	.48	.61	.73	59.5	17.4	4.85	.48	.62	.75	56.5	16.6	5.42	.49	.63	.77
	1930	910	66.0	19.3	3.88	.47	.60	.72	63.0	18.5	4.34	.48	.61	.73	59.5	17.4	4.85	.48	.62	.75	56.5	16.6	5.42	.49	.63	.77

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

SSA060 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.85	.97	38.5	11.3	2.87	.74	.87	.99	36.8	10.8	3.33	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.76	.91	1.00	40.5	11.9	2.85	.79	.93	1.00	38.5	11.3	3.31	.80	.96	1.00
	1350	635	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
67°F (19°C)	1080	510	44.5	13.0	2.10	.58	.70	.81	43.0	12.6	2.45	.59	.70	.82	41.0	12.0	2.84	.59	.72	.84	39.0	11.4	3.31	.60	.73	.86
	1340	630	47.0	13.8	2.09	.60	.73	.86	45.0	13.2	2.44	.61	.74	.87	43.0	12.6	2.83	.62	.76	.90	41.0	12.0	3.29	.63	.78	.92
	1350	635	47.0	13.8	2.09	.61	.73	.86	45.0	13.2	2.44	.62	.75	.88	43.0	12.6	2.83	.63	.77	.90	41.0	12.0	3.29	.64	.78	.92
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	43.5	12.7	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.70
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	43.5	12.7	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

SSA060 - C33-60D with G60UHV-60D-135 - CX34-60D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	49.5	14.5	5.30	.81	.96	1.00
	1905	900	59.0	17.3	3.78	.77	.90	1.00	56.5	16.6	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
	1915	905	59.0	17.3	3.78	.77	.90	1.00	56.5	16.6	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
67°F (19°C)	1805	850	61.5	18.0	3.82	.60	.73	.86	59.0	17.3	4.28	.61	.75	.87	56.0	16.4	4.79	.62	.76	.90	53.0	15.5	5.35	.64	.78	.93
	1905	900	62.5	18.3	3.83	.61	.75	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.64	.78	.92	53.5	15.7	5.36	.65	.80	.95
	1915	905	62.5	18.3	3.83	.61	.75	.87	59.5	17.4	4.29	.62	.76	.89	56.5	16.6	4.80	.63	.78	.92	53.5	15.7	5.36	.65	.80	.95
71°F (22°C)	1805	850	65.0	19.0	3.87	.47	.59	.71	62.5	18.3	4.33	.47	.60	.72	59.5	17.4	4.84	.48	.61	.74	56.0	16.4	5.42	.48	.62	.76
	1905	900	66.0	19.3	3.88	.48	.60	.72	63.0	18.5	4.35	.48	.61	.74	60.0	17.6	4.86	.48	.62	.75	56.5	16.6	5.43	.49	.64	.78
	1915	905	66.0	19.3	3.88	.48	.60	.72	63.0	18.5	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	56.5	16.6	5.43	.49	.63	.77

SSA060 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135- FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.5	12.7	2.10	.75	.87	.99	42.0	12.3	2.46	.76	.89	1.00	40.0	11.7	2.86	.77	.91	1.00	38.0	11.1	3.31	.79	.93	1.00
	1345	635	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.77	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.30	.81	.97	1.00
	1515	715	46.0	13.5	2.09	.80	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.84	.83	.99	1.00	40.0	11.7	3.29	.85	1.00	1.00
67°F (19°C)	1200	565	46.0	13.5	2.09	.60	.72	.84	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.84	.61	.75	.87	40.5	11.9	3.29	.62	.76	.90
	1345	635	47.5	13.9	2.09	.61	.74	.87	45.5	13.3	2.43	.62	.75	.89	43.5	12.7	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1515	715	49.0	14.4	2.08	.63	.77	.91	47.0	13.8	2.43	.64	.79	.93	45.0	13.2	2.82	.65	.81	.95	42.5	12.5	3.27	.66	.82	.98
71°F (22°C)	1200	565	49.0	14.4	2.08	.46	.58	.69	47.5	13.9	2.42	.46	.59	.71	45.5	13.3	2.82	.47	.60	.72	43.0	12.6	3.26	.47	.61	.73
	1345	635	50.5	14.8	2.08	.46	.59	.71	48.5	14.2	2.42	.47	.60	.73	46.5	13.6	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1515	715	52.0	15.2	2.07	.48	.62		50.0	14.7	2.42	.48	.63	.76	47.5	13.9	2.80	.49	.64	.78	45.0	13.2	3.25	.49	.65	.80

SSA060 - C33-60D with G61MPV-60D-135 - CX34-60D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	59.0	17.3	3.78	.76	.90	1.00	56.5	16.6	4.24	.78	.92	1.00	53.5	15.7	4.75	.80	.94	1.00	50.5	14.8	5.31	.82	.97	1.00
	1990	940	60.5	17.7	3.80	.79	.93	1.00	57.5	16.9	4.26	.80	.95	1.00	54.5	16.0	4.77	.82	.98	1.00	51.5	15.1	5.33	.85	1.00	1.00
	2185	1030	61.5	18.0	3.82	.81	.96	1.00	59.0	17.3	4.28	.83	.99	1.00	56.0	16.4	4.79	.85	1.00	1.00	53.0	15.5	5.35	.88	1.00	1.00
67°F (19°C)	1785	845	62.5	18.3	3.83	.61	.74	.87	59.5	17.4	4.29	.62	.75	.89	56.5	16.6	4.80	.63	.77	.91	53.5	15.7	5.36	.64	.79	.94
	1990	940	64.0	18.8	3.85	.62	.76	.90	61.0	17.9	4.31	.64	.78	.92	58.0	17.0	4.82	.65	.80	.95	54.5	16.0	5.38	.66	.82	.98
	2185	1030	65.0	19.0	3.87	.65	.79	.93	62.0	18.2	4.33	.66	.81	.96	59.0	17.3	4.84	.67	.83	.98	55.5	16.3	5.40	.69	.86	1.00
71°F (22°C)	1785	845	66.0	19.3	3.88	.47	.59	.72	63.0	18.5	4.34	.48	.60	.73	60.0	17.6	4.85	.48	.62	.75	56.5	16.6	5.42	.49	.63	.77
	1990	940	68.0	19.9	3.90	.48	.61	.74	64.5	18.9	4.37	.48	.62	.76	61.5	18.0	4.88	.49	.63	.78	58.0	17.0	5.45	.50	.65	.80
	2185	1030	69.0	20.2	3.92	.49	.63	.77	66.0	19.3	4.38	.50	.64	.79	62.5	18.3	4.90	.50	.66	.81	59.0	17.3	5.47	.51	.67	.83

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

SSA060 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	44.0	12.9	2.10	.74	.87	.99	42.0	12.3	2.45	.76	.89	1.00	40.5	11.9	2.86	.77	.91	1.00	38.5	11.3	3.31	.79	.93	1.00
	1345	635	45.0	13.2	2.10	.76	.90	1.00	43.5	12.7	2.45	.78	.92	1.00	41.5	12.2	2.84	.79	.94	1.00	39.5	11.6	3.30	.81	.97	1.00
	1515	715	46.5	13.6	2.09	.80	.94	1.00	44.5	13.0	2.44	.81	.96	1.00	42.5	12.5	2.83	.83	.98	1.00	40.5	11.9	3.29	.85	1.00	1.00
67°F (19°C)	1200	565	46.5	13.6	2.09	.60	.72	.84	44.5	13.0	2.44	.60	.73	.85	43.0	12.6	2.83	.61	.74	.87	41.0	12.0	3.29	.62	.76	.90
	1345	635	48.0	14.1	2.09	.60	.74	.86	46.0	13.5	2.43	.61	.75	.89	44.0	12.9	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1515	715	49.0	14.4	2.08	.63	.77	.91	47.0	13.8	2.43	.64	.79	.93	45.0	13.2	2.82	.65	.80	.95	43.0	12.6	3.26	.66	.82	.98
71°F (22°C)	1200	565	49.5	14.5	2.08	.46	.58	.70	47.5	13.9	2.43	.46	.59	.71	45.5	13.3	2.81	.47	.59	.72	43.0	12.6	3.26	.47	.61	.74
	1345	635	50.5	14.8	2.08	.47	.59	.72	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1515	715	52.0	15.2	2.07	.48	.61	.74	50.0	14.7	2.42	.48	.62	.76	47.5	13.9	2.80	.49	.64	.78	45.5	13.3	3.25	.49	.65	.80

SSA060 - C33-62D with G61MPV-60D-135 - CX34-62D-6F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	59.5	17.4	3.79	.76	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.0	15.8	4.76	.80	.94	1.00	51.0	14.9	5.32	.82	.97	1.00
	1990	940	61.0	17.9	3.81	.79	.93	1.00	58.5	17.1	4.27	.80	.95	1.00	55.5	16.3	4.78	.82	.98	1.00	52.0	15.2	5.34	.85	1.00	1.00
	2185	1030	62.5	18.3	3.83	.81	.96	1.00	59.5	17.4	4.29	.83	.99	1.00	56.5	16.6	4.80	.85	1.00	1.00	53.5	15.7	5.37	.88	1.00	1.00
67°F (19°C)	1785	845	62.5	18.3	3.84	.61	.74	.86	60.0	17.6	4.30	.62	.75	.88	57.0	16.7	4.81	.63	.77	.91	54.0	15.8	5.38	.64	.79	.94
	1990	940	64.5	18.9	3.86	.63	.76	.89	61.5	18.0	4.32	.64	.78	.92	58.5	17.1	4.83	.65	.80	.94	55.0	16.1	5.40	.66	.82	.98
	2185	1030	66.0	19.3	3.88	.65	.79	.93	63.0	18.5	4.34	.66	.81	.95	60.0	17.6	4.85	.67	.83	.98	56.0	16.4	5.42	.69	.86	1.00
71°F (22°C)	1785	845	67.0	19.6	3.89	.47	.59	.72	63.5	18.6	4.35	.48	.60	.73	60.5	17.7	4.87	.48	.62	.75	57.0	16.7	5.43	.49	.63	.77
	1990	940	68.0	19.9	3.91	.48	.61	.74	65.0	19.0	4.38	.48	.62	.76	62.0	18.2	4.89	.49	.64	.77	58.5	17.1	5.46	.50	.65	.80
	2185	1030	70.0	20.5	3.94	.49	.63	.77	67.0	19.6	4.40	.50	.64	.78	63.0	18.5	4.91	.50	.66	.81	59.5	17.4	5.47	.51	.67	.83

SSA060 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.5	12.5	2.10	.73	.84	.96	41.0	12.0	2.46	.74	.86	.98	39.5	11.6	2.86	.75	.88	1.00	37.4	11.0	3.32	.76	.90	1.00
	1340	630	45.0	13.2	2.10	.76	.90	1.00	43.5	12.7	2.45	.78	.92	1.00	41.5	12.2	2.84	.79	.94	1.00	39.5	11.6	3.30	.81	.97	1.00
	1350	635	45.0	13.2	2.09	.77	.90	1.00	43.5	12.7	2.45	.78	.92	1.00	41.5	12.2	2.84	.80	.95	1.00	39.5	11.6	3.30	.82	.97	1.00
67°F (19°C)	1080	510	45.0	13.2	2.10	.59	.70	.81	43.5	12.7	2.45	.59	.71	.83	41.5	12.2	2.84	.60	.72	.84	39.5	11.6	3.30	.60	.74	.86
	1340	630	48.0	14.1	2.09	.61	.74	.86	46.0	13.5	2.43	.62	.75	.89	44.0	12.9	2.83	.63	.77	.91	41.5	12.2	3.28	.64	.79	.93
	1350	635	48.0	14.1	2.09	.60	.74	.87	46.0	13.5	2.43	.62	.75	.89	44.0	12.9	2.83	.63	.77	.91	42.0	12.3	3.27	.64	.79	.94
71°F (22°C)	1080	510	48.0	14.1	2.08	.46	.57	.68	46.0	13.5	2.43	.46	.57	.69	44.0	12.9	2.82	.46	.58	.70	42.0	12.3	3.27	.46	.59	.71
	1340	630	50.5	14.8	2.08	.47	.59	.72	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1350	635	50.5	14.8	2.08	.47	.59	.72	48.5	14.2	2.42	.47	.59	.73	46.5	13.6	2.81	.48	.62	.75	44.5	13.0	3.25	.48	.63	.77

SSA060 - C33-62D with G60UHV-60D-135 - CX34-62D-6F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	60.0	17.6	3.79	.76	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.5	16.0	4.76	.80	.94	1.00	51.0	14.9	5.32	.82	.97	1.00
	1905	900	60.5	17.7	3.81	.77	.91	1.00	58.0	17.0	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
	1915	905	60.5	17.7	3.81	.78	.91	1.00	58.0	17.0	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
67°F (19°C)	1805	850	63.0	18.5	3.84	.61	.74	.86	60.0	17.6	4.30	.62	.75	.88	57.5	16.9	4.81	.63	.77	.91	54.0	15.8	5.38	.64	.79	.94
	1905	900	64.0	18.8	3.85	.62	.75	.88	61.0	17.9	4.31	.63	.77	.90	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.65	.81	.96
	1915	905	64.0	18.8	3.85	.62	.75	.88	61.0	17.9	4.31	.63	.77	.91	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.66	.81	.96
71°F (22°C)	1805	850	67.0	19.6	3.89	.47	.59	.72	64.0	18.8	4.35	.47	.60	.73	60.5	17.7	4.87	.48	.62	.75	57.0	16.7	5.43	.49	.63	.77
	1905	900	68.0	19.9	3.90	.47	.60	.73	64.5	18.9	4.37	.48	.61	.74	61.5	18.0	4.88	.48	.63	.76	58.0	17.0	5.45	.49	.64	.78
	1915	905	68.0	19.9	3.90	.48	.60	.73	64.5	18.9	4.37	.48	.61	.75	61.5	18.0	4.88	.48	.63	.76	58.0	17.0	5.45	.49	.64	.79

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

SSA060 - CR26-48N-F with G60DFV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1275	600	42.0	12.3	2.11	.74	.87	.99	40.5	11.9	2.46	.76	.89	1.00	38.5	11.3	2.87	.77	.91	1.00	36.6	10.7	3.33	.78	.93	1.00
	1400	660	43.0	12.6	2.11	.76	.90	1.00	41.0	12.0	2.46	.78	.92	1.00	39.5	11.6	2.86	.79	.94	1.00	37.4	11.0	3.32	.81	.96	1.00
	1520	715	43.5	12.7	2.10	.78	.92	1.00	42.0	12.3	2.46	.79	.94	1.00	40.0	11.7	2.86	.81	.96	1.00	38.0	11.1	3.32	.83	.98	1.00
67°F (19°C)	1275	600	44.5	13.0	2.10	.60	.72	.84	43.0	12.6	2.45	.60	.73	.85	41.0	12.0	2.85	.61	.74	.87	39.0	11.4	3.30	.62	.76	.90
	1400	660	45.5	13.3	2.09	.61	.74	.86	44.0	12.9	2.45	.62	.75	.88	42.0	12.3	2.84	.63	.77	.90	40.0	11.7	3.30	.64	.78	.93
	1520	715	46.5	13.6	2.09	.62	.76	.89	44.5	13.0	2.44	.63	.77	.91	42.5	12.5	2.83	.64	.79	.93	40.5	11.9	3.29	.65	.80	.95
71°F (22°C)	1275	600	47.5	13.9	2.09	.46	.58	.70	45.5	13.3	2.43	.46	.59	.71	43.5	12.7	2.83	.46	.60	.72	41.5	12.2	3.28	.47	.61	.74
	1400	660	48.5	14.2	2.08	.46	.60	.72	46.5	13.6	2.43	.47	.60	.73	44.5	13.0	2.82	.47	.61	.74	42.5	12.5	3.27	.48	.63	.76
	1520	715	49.0	14.4	2.08	.47	.61	.73	47.5	13.9	2.43	.48	.62	.75	45.0	13.2	2.82	.48	.63	.76	43.0	12.6	3.27	.48	.64	.78

SSA060 - CR26-48N-F with G60DFV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1985	935	56.5	16.6	3.75	.77	.91	1.00	54.0	15.8	4.20	.79	.93	1.00	51.5	15.1	4.71	.80	.95	1.00	48.5	14.2	5.27	.82	.98	1.00
	2035	960	57.0	16.7	3.75	.78	.92	1.00	54.5	16.0	4.21	.79	.94	1.00	51.5	15.1	4.71	.81	.96	1.00	48.5	14.2	5.28	.83	.99	1.00
	2095	990	57.5	16.9	3.76	.79	.93	1.00	54.5	16.0	4.22	.80	.95	1.00	52.0	15.2	4.72	.82	.97	1.00	49.0	14.4	5.28	.84	.99	1.00
67°F (19°C)	1985	935	60.0	17.6	3.80	.62	.75	.88	57.5	16.9	4.25	.63	.76	.90	54.5	16.0	4.76	.64	.78	.92	51.5	15.1	5.32	.65	.80	.95
	2035	960	60.5	17.7	3.80	.62	.76	.88	57.5	16.9	4.26	.63	.77	.91	55.0	16.1	4.77	.65	.79	.93	51.5	15.1	5.33	.66	.81	.96
	2095	990	61.0	17.9	3.81	.63	.76	.89	58.0	17.0	4.26	.64	.78	.92	55.0	16.1	4.77	.65	.80	.94	52.0	15.2	5.33	.67	.82	.97
71°F (22°C)	1985	935	63.5	18.6	3.85	.47	.60	.72	60.5	17.7	4.31	.47	.61	.74	57.5	16.9	4.81	.48	.63	.76	54.5	16.0	5.38	.49	.64	.78
	2035	960	64.0	18.8	3.85	.47	.61	.73	61.0	17.9	4.31	.48	.62	.75	58.0	17.0	4.82	.49	.63	.77	54.5	16.0	5.39	.49	.65	.79
	2095	990	64.5	18.9	3.86	.48	.62	.74	61.5	18.0	4.32	.48	.63	.76	58.5	17.1	4.83	.49	.64	.77	55.0	16.1	5.40	.50	.65	.80

SSA060 - CR26-60W-F with G60DFV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1195	565	43.0	12.6	2.11	.74	.87	.99	41.0	12.0	2.46	.75	.89	1.00	39.5	11.6	2.87	.77	.91	1.00	37.4	11.0	3.32	.78	.93	1.00
	1340	630	44.0	12.9	2.10	.77	.91	1.00	42.5	12.5	2.46	.78	.93	1.00	40.5	11.9	2.85	.80	.95	1.00	38.5	11.3	3.31	.81	.97	1.00
	1515	715	45.0	13.2	2.10	.79	.94	1.00	43.5	12.7	2.45	.81	.96	1.00	41.5	12.2	2.85	.83	.98	1.00	39.5	11.6	3.30	.85	1.00	1.00
67°F (19°C)	1195	565	45.5	13.3	2.09	.59	.72	.84	44.0	12.9	2.44	.60	.73	.85	42.0	12.3	2.84	.61	.74	.87	40.0	11.7	3.30	.62	.76	.90
	1340	630	47.0	13.8	2.09	.61	.74	.87	45.0	13.2	2.44	.62	.76	.89	43.0	12.6	2.83	.63	.77	.91	41.0	12.0	3.28	.64	.79	.94
	1515	715	48.0	14.1	2.08	.63	.77	.91	46.0	13.5	2.43	.64	.78	.93	44.0	12.9	2.83	.65	.80	.95	41.5	12.2	3.28	.66	.82	.98
71°F (22°C)	1195	565	48.0	14.1	2.08	.45	.58	.69	46.5	13.6	2.43	.45	.59	.71	44.5	13.0	2.82	.46	.59	.72	42.0	12.3	3.27	.46	.60	.73
	1340	630	49.5	14.5	2.08	.46	.60	.72	47.5	13.9	2.43	.46	.61	.73	45.5	13.3	2.81	.47	.62	.75	43.5	12.7	3.26	.48	.63	.76
	1515	715	51.0	14.9	2.08	.47	.61	.75	49.0	14.4	2.42	.47	.62	.76	46.5	13.6	2.81	.48	.63	.78	44.5	13.0	3.25	.49	.65	.80

SSA060 - CR26-60W-F with G60DFV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1705	805	57.0	16.7	3.76	.76	.89	1.00	54.5	16.0	4.21	.77	.91	1.00	51.5	15.1	4.71	.79	.94	1.00	48.5	14.2	5.27	.81	.96	1.00
	1890	890	58.5	17.1	3.78	.78	.92	1.00	55.5	16.3	4.23	.80	.95	1.00	53.0	15.5	4.74	.82	.97	1.00	49.5	14.5	5.29	.84	.99	1.00
	2065	975	59.5	17.4	3.79	.80	.95	1.00	56.5	16.6	4.24	.82	.97	1.00	54.0	15.8	4.75	.84	.99	1.00	51.0	14.9	5.31	.87	1.00	1.00
67°F (19°C)	1705	805	60.5	17.7	3.81	.61	.74	.86	58.0	17.0	4.26	.62	.75	.88	55.0	16.1	4.77	.63	.77	.90	51.5	15.1	5.33	.64	.79	.93
	1890	890	62.0	18.2	3.82	.63	.76	.89	59.0	17.3	4.28	.63	.78	.91	56.0	16.4	4.79	.65	.79	.94	53.0	15.5	5.35	.66	.82	.97
	2065	975	63.0	18.5	3.84	.64	.78	.92	60.0	17.6	4.30	.65	.80	.94	57.0	16.7	4.80	.66	.82	.97	53.5	15.7	5.36	.68	.84	.99
71°F (22°C)	1705	805	64.0	18.8	3.85	.47	.59	.71	61.0	17.9	4.31	.47	.61	.73	58.0	17.0	4.82	.47	.61	.74	54.5	16.0	5.39	.48	.63	.76
	1890	890	65.0	19.0	3.87	.48	.61	.74	62.5	18.3	4.33	.48	.62	.75	59.5	17.4	4.84	.48	.63	.77	56.0	16.4	5.41	.49	.65	.79
	2065	975	66.0	19.3	3.89	.48	.62	.76	63.5	18.6	4.35	.48	.64	.77	60.5	17.7	4.86	.49	.65	.79	57.0	16.7	5.43	.50	.67	.82

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

SSA060 - CH33-50/60C-2F with G61MPV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1210	570	43.5	12.7	2.10	.74	.87	.99	41.5	12.2	2.46	.75	.88	1.00	40.0	11.7	2.86	.77	.90	1.00	38.0	11.1	3.31	.78	.93	1.00
	1355	640	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.31	.81	.96	1.00
	1525	720	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.96	1.00	42.0	12.3	2.84	.82	.98	1.00	40.0	11.7	3.29	.84	1.00	1.00
67°F (19°C)	1210	570	46.0	13.5	2.09	.59	.72	.84	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.84	.61	.74	.87	40.5	11.9	3.29	.62	.76	.89
	1355	640	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.77	.90	41.5	12.2	3.28	.63	.78	.93
	1525	720	48.5	14.2	2.08	.63	.77	.90	46.5	13.6	2.43	.63	.78	.92	44.5	13.0	2.82	.64	.80	.94	42.0	12.3	3.27	.65	.81	.97
71°F (22°C)	1210	570	49.0	14.4	2.08	.46	.58	.69	47.0	13.8	2.43	.46	.58	.70	45.0	13.2	2.82	.46	.59	.71	43.0	12.6	3.27	.47	.60	.73
	1355	640	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.76
	1525	720	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

SSA060 - CH33-50/60C-2F with G61MPV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1765	835	58.0	17.0	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.90	1.00	53.0	15.5	4.74	.78	.93	1.00	49.5	14.5	5.30	.81	.96	1.00
	1970	930	59.5	17.4	3.79	.77	.91	1.00	57.0	16.7	4.25	.79	.94	1.00	54.0	15.8	4.75	.81	.96	1.00	51.0	14.9	5.31	.83	.99	1.00
	2165	1020	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.0	16.1	4.77	.84	.99	1.00	52.0	15.2	5.34	.86	1.00	1.00
67°F (19°C)	1765	835	62.0	18.2	3.83	.61	.73	.85	59.0	17.3	4.28	.61	.74	.87	56.0	16.4	4.79	.62	.76	.89	53.0	15.5	5.35	.64	.78	.92
	1970	930	63.0	18.5	3.84	.62	.75	.88	60.5	17.7	4.30	.63	.77	.90	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.37	.65	.81	.96
	2165	1020	64.5	18.9	3.86	.64	.78	.92	61.5	18.0	4.32	.65	.80	.94	58.5	17.1	4.82	.66	.82	.96	55.0	16.1	5.39	.68	.84	.99
71°F (22°C)	1765	835	65.0	19.0	3.87	.47	.59	.71	62.5	18.3	4.33	.47	.60	.72	59.5	17.4	4.84	.48	.61	.73	56.0	16.4	5.42	.48	.62	.76
	1970	930	67.0	19.6	3.89	.48	.60	.73	64.0	18.8	4.35	.48	.61	.74	60.5	17.7	4.87	.49	.63	.76	57.0	16.7	5.43	.49	.64	.78
	2165	1020	68.0	19.9	3.91	.49	.62	.75	65.0	19.0	4.38	.49	.63	.77	62.0	18.2	4.89	.50	.65	.79	58.5	17.1	5.46	.51	.66	.82

SSA060 - CH33-60D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.5	12.7	2.10	.74	.87	.99	41.5	12.2	2.46	.75	.88	1.00	40.0	11.7	2.86	.77	.90	1.00	37.8	11.1	3.31	.78	.92	1.00
	1345	635	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.80	.96	1.00
	1515	715	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.45	.80	.95	1.00	42.0	12.3	2.84	.82	.98	1.00	40.0	11.7	3.30	.84	1.00	1.00
67°F (19°C)	1200	565	46.0	13.5	2.09	.59	.71	.83	44.5	13.0	2.44	.60	.72	.85	42.5	12.5	2.84	.61	.74	.87	40.5	11.9	3.29	.62	.76	.89
	1345	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1515	715	48.5	14.2	2.08	.63	.76	.90	46.5	13.6	2.43	.63	.78	.92	44.5	13.0	2.82	.64	.80	.94	42.0	12.3	3.27	.66	.81	.97
71°F (22°C)	1200	565	49.0	14.4	2.08	.46	.58	.69	47.0	13.8	2.43	.46	.58	.70	45.0	13.2	2.82	.46	.59	.71	43.0	12.6	3.27	.47	.60	.73
	1345	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1515	715	51.5	15.1	2.08	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.81	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

SSA060 - CH33-60D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	58.5	17.1	3.77	.76	.89	1.00	55.5	16.3	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	1990	940	59.5	17.4	3.79	.78	.92	1.00	57.0	16.7	4.25	.79	.94	1.00	54.0	15.8	4.76	.81	.97	1.00	51.0	14.9	5.32	.83	.99	1.00
	2185	1030	61.0	17.9	3.81	.80	.95	1.00	58.0	17.0	4.27	.82	.97	1.00	55.0	16.1	4.78	.84	1.00	1.00	52.0	15.2	5.34	.87	1.00	1.00
67°F (19°C)	1785	845	62.0	18.2	3.82	.61	.73	.85	59.0	17.3	4.28	.61	.75	.87	56.0	16.4	4.79	.63	.76	.90	53.0	15.5	5.36	.64	.78	.93
	1990	940	63.5	18.6	3.84	.62	.75	.89	60.5	17.7	4.30	.63	.77	.91	57.5	16.9	4.81	.64	.79	.93	54.0	15.8	5.38	.66	.81	.96
	2185	1030	64.5	18.9	3.86	.64	.78	.92	61.5	18.0	4.32	.65	.80	.94	58.5	17.1	4.83	.66	.82	.97	55.0	16.1	5.39	.68	.84	.99
71°F (22°C)	1785	845	65.0	19.0	3.87	.47	.59	.71	62.5	18.3	4.33	.47	.60	.72	59.5	17.4	4.84	.48	.61	.74	56.0	16.4	5.41	.49	.62	.76
	1990	940	67.0	19.6	3.89	.48	.60	.73	64.0	18.8	4.36	.48	.61	.74	61.0	17.9	4.87	.49	.63	.76	57.0	16.7	5.44	.49	.64	.79
	2185	1030	68.0	19.9	3.91	.49	.62	.75	65.0	19.0	4.38	.49	.63	.77	62.0	18.2	4.89	.50	.65	.80	58.5	17.1	5.46	.51	.66	.82

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

SSA060 - CH33-50/60C-2F with G60UHV-60C - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.86	.97	38.5	11.3	2.87	.74	.87	.99	37.0	10.8	3.33	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
	1350	635	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.31	.81	.96	1.00
67°F (19°C)	1080	510	45.0	13.2	2.10	.58	.70	.81	43.0	12.6	2.45	.59	.71	.82	41.5	12.2	2.85	.59	.72	.84	39.5	11.6	3.30	.60	.73	.86
	1340	630	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1350	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.62	.77	.90	41.5	12.2	3.28	.64	.78	.93
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	44.0	12.9	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.70
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

SSA060 - CH33-50/60C-2F with G60UHV-60C - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.5	17.1	3.78	.76	.89	1.00	56.0	16.4	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	1920	905	59.0	17.3	3.79	.77	.91	1.00	56.5	16.6	4.25	.78	.93	1.00	53.5	15.7	4.75	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
	1930	910	59.5	17.4	3.79	.77	.91	1.00	56.5	16.6	4.25	.79	.93	1.00	53.5	15.7	4.75	.80	.95	1.00	50.5	14.8	5.31	.83	.98	1.00
67°F (19°C)	1805	850	62.0	18.2	3.83	.61	.73	.86	59.0	17.3	4.29	.61	.75	.87	56.0	16.4	4.79	.62	.76	.90	53.0	15.5	5.36	.64	.78	.93
	1920	905	63.0	18.5	3.83	.61	.74	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.80	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
	1930	910	63.0	18.5	3.84	.61	.75	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.81	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
71°F (22°C)	1805	850	66.0	19.3	3.88	.47	.59	.71	62.5	18.3	4.34	.47	.60	.72	59.5	17.4	4.85	.48	.61	.74	56.0	16.4	5.42	.48	.62	.76
	1920	905	66.0	19.3	3.88	.47	.60	.72	63.5	18.6	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	57.0	16.7	5.43	.49	.63	.78
	1930	910	66.0	19.3	3.89	.47	.60	.72	63.5	18.6	4.35	.48	.61	.74	60.5	17.7	4.86	.48	.62	.75	57.0	16.7	5.43	.49	.64	.78

SSA060 - CH33-60D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.0	12.3	2.11	.72	.84	.95	40.5	11.9	2.47	.73	.86	.97	38.5	11.3	2.87	.74	.87	.99	37.0	10.8	3.33	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	42.5	12.5	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.31	.81	.96	1.00
	1350	635	44.5	13.0	2.10	.76	.90	1.00	43.0	12.6	2.45	.78	.92	1.00	41.0	12.0	2.85	.79	.94	1.00	39.0	11.4	3.31	.81	.96	1.00
67°F (19°C)	1080	510	45.0	13.2	2.10	.58	.70	.81	43.0	12.6	2.45	.59	.71	.82	41.5	12.2	2.85	.59	.72	.84	39.5	11.6	3.30	.60	.73	.86
	1340	630	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.0	12.0	3.28	.63	.78	.92
	1350	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.62	.77	.90	41.5	12.2	3.28	.64	.78	.93
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	44.0	12.9	2.83	.46	.58	.69	41.5	12.2	3.28	.46	.58	.70
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

SSA060 - CH33-60D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	58.5	17.1	3.78	.76	.89	1.00	56.0	16.4	4.23	.77	.91	1.00	53.0	15.5	4.74	.79	.93	1.00	50.0	14.7	5.30	.81	.96	1.00
	1905	900	59.0	17.3	3.79	.77	.90	1.00	56.5	16.6	4.24	.78	.93	1.00	53.5	15.7	4.74	.80	.95	1.00	50.5	14.8	5.31	.82	.98	1.00
	1915	905	59.0	17.3	3.79	.77	.91	1.00	56.5	16.6	4.25	.78	.93	1.00	53.5	15.7	4.75	.80	.95	1.00	50.5	14.8	5.31	.82	.98	1.00
67°F (19°C)	1805	850	62.0	18.2	3.83	.61	.73	.86	59.0	17.3	4.29	.61	.75	.87	56.0	16.4	4.79	.62	.76	.90	53.0	15.5	5.36	.64	.78	.93
	1905	900	62.5	18.3	3.84	.61	.74	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.80	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
	1915	905	63.0	18.5	3.84	.61	.75	.87	60.0	17.6	4.29	.62	.76	.89	57.0	16.7	4.80	.63	.78	.92	53.5	15.7	5.37	.65	.80	.95
71°F (22°C)	1805	850	66.0	19.3	3.88	.47	.59	.71	62.5	18.3	4.34	.47	.60	.72	59.5	17.4	4.85	.48	.61	.74	56.0	16.4	5.42	.48	.62	.76
	1905	900	66.0	19.3	3.88	.47	.60	.72	63.5	18.6	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	56.5	16.6	5.43	.49	.63	.77
	1915	905	66.0	19.3	3.88	.47	.60	.72	63.5	18.6	4.35	.48	.61	.73	60.0	17.6	4.86	.48	.62	.75	57.0	16.7	5.43	.49	.63	.78

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

SSA060 - CH33-62D-2F with G61MPV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.5	12.7	2.10	.74	.86	.98	42.0	12.3	2.46	.75	.88	1.00	40.0	11.7	2.85	.77	.90	1.00	38.0	11.1	3.32	.78	.92	1.00
	1345	635	44.5	13.0	2.09	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.30	.80	.96	1.00
	1515	715	46.0	13.5	2.09	.79	.93	1.00	44.0	12.9	2.44	.80	.95	1.00	42.0	12.3	2.84	.82	.97	1.00	40.0	11.7	3.29	.84	.99	1.00
67°F (19°C)	1200	565	46.0	13.5	2.09	.60	.72	.83	44.5	13.0	2.44	.60	.73	.85	42.5	12.5	2.83	.61	.74	.86	40.5	11.9	3.29	.62	.76	.89
	1345	635	47.5	13.9	2.09	.60	.73	.86	45.5	13.3	2.43	.61	.75	.87	43.5	12.7	2.83	.62	.76	.89	41.5	12.2	3.28	.63	.78	.92
	1515	715	49.0	14.4	2.08	.62	.76	.90	47.0	13.8	2.43	.63	.78	.92	45.0	13.2	2.82	.64	.79	.94	42.5	12.5	3.27	.66	.81	.96
71°F (22°C)	1200	565	48.5	14.2	2.08	.46	.58	.69	47.0	13.8	2.43	.47	.59	.70	45.0	13.2	2.82	.47	.59	.71	43.0	12.6	3.27	.47	.60	.73
	1345	635	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1515	715	51.5	15.1	2.07	.48	.61	.74	49.5	14.5	2.42	.48	.62	.75	47.5	13.9	2.80	.49	.63	.77	45.0	13.2	3.25	.49	.64	.79

SSA060 - CH33-62D-2F with G61MPV-60D-135 - SECOND STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1785	845	59.0	17.3	3.78	.76	.89	1.00	56.5	16.6	4.24	.77	.90	1.00	53.5	15.7	4.75	.79	.93	1.00	50.5	14.8	5.31	.81	.96	1.00
	1990	940	60.5	17.7	3.80	.78	.91	1.00	57.5	16.9	4.26	.79	.94	1.00	55.0	16.1	4.77	.81	.96	1.00	51.5	15.1	5.33	.83	.99	1.00
	2185	1030	61.5	18.0	3.82	.80	.95	1.00	59.0	17.3	4.28	.82	.97	1.00	56.0	16.4	4.79	.84	.99	1.00	52.5	15.4	5.35	.87	1.00	1.00
67°F (19°C)	1785	845	62.0	18.2	3.82	.61	.73	.85	59.5	17.4	4.29	.61	.75	.87	56.5	16.6	4.80	.63	.76	.89	53.5	15.7	5.37	.64	.78	.92
	1990	940	64.0	18.8	3.85	.62	.75	.88	61.0	17.9	4.31	.63	.77	.90	58.0	17.0	4.82	.64	.79	.93	54.5	16.0	5.39	.66	.81	.96
	2185	1030	65.0	19.0	3.87	.64	.78	.91	62.5	18.3	4.33	.65	.80	.94	59.0	17.3	4.84	.66	.82	.96	55.5	16.3	5.41	.68	.84	.99
71°F (22°C)	1785	845	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.48	.60	.72	60.0	17.6	4.85	.48	.61	.74	56.5	16.6	5.42	.49	.63	.76
	1990	940	67.0	19.6	3.90	.48	.61	.73	64.5	18.9	4.37	.48	.62	.75	61.5	18.0	4.88	.49	.63	.76	58.0	17.0	5.45	.49	.64	.79
	2185	1030	69.0	20.2	3.92	.49	.63	.76	66.0	19.3	4.39	.50	.64	.77	62.5	18.3	4.90	.50	.65	.79	59.0	17.3	5.47	.51	.66	.82

SSA060 - CH33-62D-2F with G60UHV-60D-135 - FIRST STAGE COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1080	510	42.5	12.5	2.11	.72	.84	.95	40.5	11.9	2.46	.73	.85	.97	39.0	11.4	2.86	.74	.87	.99	37.2	10.9	3.32	.76	.89	1.00
	1340	630	44.5	13.0	2.10	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.30	.80	.96	1.00
	1350	635	45.0	13.2	2.09	.76	.89	1.00	43.0	12.6	2.45	.77	.91	1.00	41.0	12.0	2.85	.79	.93	1.00	39.0	11.4	3.30	.81	.96	1.00
67°F (19°C)	1080	510	44.5	13.0	2.10	.58	.70	.80	43.0	12.6	2.45	.59	.71	.82	41.5	12.2	2.85	.60	.72	.84	39.5	11.6	3.30	.60	.73	.86
	1340	630	47.5	13.9	2.09	.61	.73	.86	45.5	13.3	2.43	.61	.75	.88	43.5	12.7	2.83	.62	.76	.90	41.5	12.2	3.28	.63	.78	.92
	1350	635	47.5	13.9	2.09	.61	.74	.86	45.5	13.3	2.44	.62	.75	.88	43.5	12.7	2.83	.63	.77	.90	41.5	12.2	3.28	.64	.78	.92
71°F (22°C)	1080	510	47.5	13.9	2.09	.46	.57	.67	45.5	13.3	2.43	.46	.57	.68	43.5	12.7	2.82	.46	.58	.69	41.5	12.2	3.28	.46	.59	.71
	1340	630	50.0	14.7	2.08	.46	.59	.71	48.0	14.1	2.42	.47	.60	.72	46.0	13.5	2.81	.47	.61	.74	44.0	12.9	3.26	.48	.62	.75
	1350	635	50.0	14.7	2.08	.47	.59	.71	48.0	14.1	2.42	.47	.60	.73	46.0	13.5	2.81	.48	.61	.74	44.0	12.9	3.26	.48	.62	.76

SSA060 - CH33-62D-2F with G60UHV-60D-135 - SECOND STAGE COOLING CAPACITY

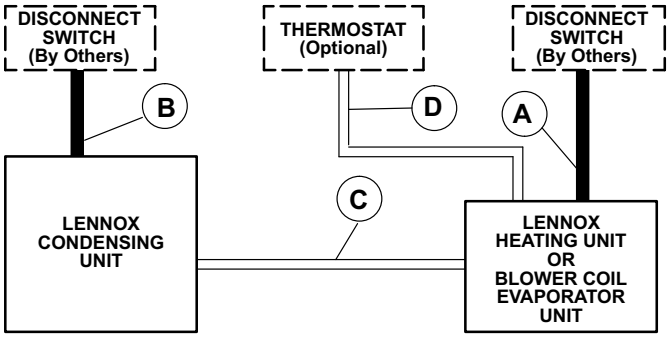
Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1805	850	59.0	17.3	3.79	.76	.89	1.00	56.5	16.6	4.24	.77	.91	1.00	53.5	15.7	4.75	.79	.93	1.00	50.5	14.8	5.31	.81	.96	1.00
	1905	900	60.0	17.6	3.79	.77	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.0	15.8	4.76	.80	.95	1.00	51.0	14.9	5.32	.82	.98	1.00
	1915	905	60.0	17.6	3.79	.77	.90	1.00	57.0	16.7	4.25	.78	.92	1.00	54.5	16.0	4.76	.80	.95	1.00	51.0	14.9	5.32	.82	.98	1.00
67°F (19°C)	1805	850	62.5	18.3	3.83	.61	.73	.85	59.5	17.4	4.29	.61	.75	.87	56.5	16.6	4.80	.63	.76	.90	53.5	15.7	5.37	.64	.78	.93
	1905	900	63.0	18.5	3.84	.61	.74	.87	60.5	17.7	4.30	.62	.76	.89	57.5	16.9	4.81	.63	.78	.91	54.0	15.8	5.38	.65	.80	.94
	1915	905	63.0	18.5	3.84	.61	.75	.87	60.5	17.7	4.30	.62	.76	.89	57.5	16.9	4.81	.64	.78	.92	54.0	15.8	5.38	.65	.80	.95
71°F (22°C)	1805	850	66.0	19.3	3.88	.47	.59	.71	63.0	18.5	4.34	.47	.60	.72	60.0	17.6	4.85	.48	.61	.74	56.5	16.6	5.43	.48	.62	.76
	1905	900	67.0	19.6	3.89	.47	.60	.72	64.0	18.8	4.35	.48	.61	.73	60.5	17.7	4.87	.48	.62	.75	57.5	16.9	5.43	.49	.63	.77
	1915	905	67.0	19.6	3.89	.47	.60	.72	64.0	18.8	4.36	.48	.61	.74	60.5	17.7	4.87	.48	.62	.75	57.5	16.9	5.44	.49	.64	.77

ELECTRICAL DATA

Electrical Data	Model No.	SSA036H4		SSA048H4		SSA060H4	
	Line voltage data - 3ph-60hz	208/230V	460V	208/230V	460V	208/230V	460V
	[1] Maximum overcurrent protection (amps)	25	15	30	15	40	20
	[2] Minimum circuit ampacity	15.1	6.8	18.6	9.2	23.7	12.4
Compressor	Rated load amps	11.2	4.5	13.5	6.4	17.6	9.0
	Locked rotor amps	58	29	88	41	123	62
	Power factor	.98	.98	.99	.99	.99	.99
Condenser Fan Motor	Full load amps	1.1	1.1	1.7	1.1	1.7	1.1
	Locked rotor amps	2	2	3.1	2	3.1	2

NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.
[1] HACR type breaker or fuse.
[2] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

FIELD WIRING



A — Two Wire Power (not furnished)

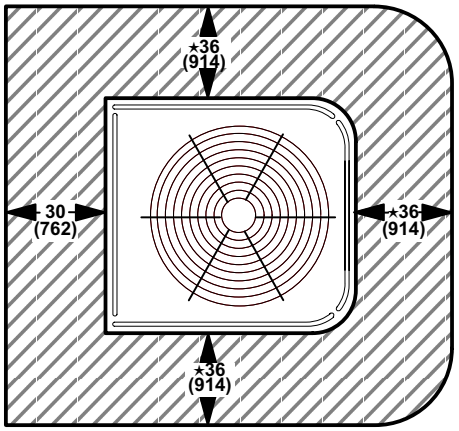
B — Three Wire Power (not furnished) — See Electrical Data

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.

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

L CONNECTION® BUILDING AUTOMATION SYSTEM

NETWORK THERMOSTAT CONTROL (REQUIRED) - DDC that allows network control of S-Class Packaged Units or Splits over L Connection™ Network

Description	Order No.
NTC1 - 2 Htg.-3 Clg.	17M10

Network Control Up To 31 Units - Large LCD Display Screen - 7 Day Programming plus Holidays - Six Different Time/Temperature Schedules per Day - Storage of Last 75 Alarms With Time/Date - Remote Access (with NCP PC Software)

NCP1 Network Control Panel	59L21

ZONE TEMPERATURE SENSORS (One sensor required per unit)

Description	Order No.
Wall-Mount After Hours Override Button - Terminal Block Connection - Network Jack for L Connection PC Software	
Wall Mounted Zone Sensor - With warmer/cooler adjustment	56L80
Wall Mounted Zone Sensor - Without warmer/cooler adjustment	94L60
Miniature Wall-Mount - Terminal Block Connection	
Miniature Wall Mounted Zone Sensor	94L61
Wall-Mount - Terminal Block Connection	
Wall Mounted Zone Sensor - use with Building Controller (BC1) for monitoring critical areas	59M04
Wall-Mount - Leaded Connection	
Flush Mount Zone Sensor	76M32
Temperature Averaging Kit	
Two zone sensors for temperature averaging in one room	23M20
Duct-Mount (For return air duct)	
Duct Mounted Zone Sensor	56L81

ZONE HUMIDITY SENSOR

Wall Mounted Zone Humidity Sensor	17M50

Duct Mounted Relative Humidity Sensor	76M31

OUTDOOR TEMPERATURE SENSOR

Mounted in watertight enclosure with a sun shield. Use with Building Controller (BC1) to monitor outdoor temperature	59M05

CO_2 SENSORS

Sensor - white case, CO_2 display	77N39
Sensor - white case, no display	87N53
Sensor - black case, CO_2 display	87N52
Sensor - duct mounted, black, no display	87N54

Continued on next page ▶

L CONNECTION® BUILDING AUTOMATION SYSTEM

	Description	Order No.
AFTER HOURS REMOTE OVERRIDE BUTTON		
	After Hours Remote Override Button - Wall Plate furnished (Use with Duct Mounted Zone Sensor if required)	**56L16**
[1] PC SOFTWARE		
	**FOR SETUP, CONFIGURATION AND SCHEDULE ADJUSTMENT OF THE NETWORK CONTROL PANEL (NCP)** **Network Control Panel (NCP) Software** For Remote/Local NCP access	**96L82**
	NOTE - Requires PC Converter Kit (96L78) for local access and Network Modem Kit (94L62) for remote access	
	**FOR SETUP, CONFIGURATION AND SERVICING OF NETWORK THERMOSTAT CONTROL (NTC)** **Unit Controller Software** For Remote/Local network control	**96L80**
	NOTE - Requires PC Converter Kit (96L78) for local access and Network Modem Kit (94L62) for remote access	
NETWORK MODEM KIT - Provides direct digital communication between a single rooftop unit (or network of rooftop units) and the Network Control Panel		
	Connects phone line directly to L Connection network - Includes modem, PC Converter, cables	**94L62**
	NOTE - Requires either NCP software and/or Unit Controller Software	
BUILDING CONTROLLER		
	BC1-1 - Use to control lights, vent hoods, exhaust fans, sprinklers and other devices based upon unit occupied operation or time schedule.	**17M12**
kWH DEMAND CONTROLLER		
	Use with the Building Controller, the monitor sends a 24VAC output to a building control device to load shed when electrical demand is high.	**76M33**
	NOTE - Requires kWH meter with KYZ output.	

[1] Computer system requirements: IBM compatible PC with Pentium or higher processor, Microsoft® Windows® 95, 98, Me, 2000, XP, or NT®. (Windows® 95, Windows® 98, Windows® Me, Windows® 2000, Windows® XP, and Windows® NT® are registered trademarks of Microsoft Corp.), 256 MB RAM (more memory may be required to run additional applications simultaneously), requires at least 20 MB of free hard drive space, VGA or higher resolution monitor (screen resolution must be 800 X 600 or higher and 256 colors), CD-ROM drive, mouse or compatible pointing device, serial COM port, PC modem (model no. USR5699B, USR5610B, USR5686E, 005686-03, 3CP5610A, 3CP5699A, 005687-03, or USR3686D is recommended) for remote connections.

L CONNECTION® BUILDING AUTOMATION SYSTEM

	Description	Order No.
AMBIENT LIGHT SENSOR		
	Use with the Building Controller and Network Control Panel for automatic lighting control	**34M67**
NEMA 1 ENCLOSURES		
	NEMA Enclosure	**17M11**
	For Network Modem Kit or Building Controller	**34M23**
	For Network Control Panel	**34M24**
NETWORK PHONE LINE AUTO-ROUTER		
(Allows modem, fax and phone to share one line - routes signal to connect to device automatically)		
	Network Phone Line Auto-Router	**34M22**
NETWORK BUS TO PC CONVERTER KIT		
	Allows PC connection to L Connection network - Required for any L Connection PC software when used on a local network	**96L78**
COMMUNICATION CABLE		
	500 ft. Roll - RS-485 twisted pair communication wire - plenum rated	**27M19**
	1000 ft. Roll - RS-485 twisted pair communication wire - plenum rated	**94L63**
	2500 ft. Roll - RS-485 twisted pair communication wire - plenum rated	**68M25**
NETWORK CONTROL PANEL WALL TRANSFORMER - Separate power supply for NCP (if desired)		
Screw terminals		
	Transformer - 20VA, Class 2, Primary 120V, 60Hz, Secondary 24V	**18M13**
MISCELLANEOUS COMPONENTS		
	Air Flow Switch	**18L89**
	Dirty Filter Switch	**31L11**
	Outdoor Air Sensor	**14K92**
	Discharge Air Sensor	**99K64**
	Return Air Sensor	**99K64**

OPTIONAL CONVENTIONAL TEMPERATURE CONTROL SYSTEMS - FIELD INSTALLED

System and Component Description

HONEYWELL T7300 THERMOSTAT

Thermostat - Programmable, internal or optional remote temperature sensing (sensor required), touch sensitive keyboard, automatic switching, °F or °C readout, no anticipator, droop/no droop selection, indicator LED's, hour/day programming, override capabilities, time and operational mode readout, stage status indicators, battery back-up, subbase choice, manual system switch (Heat-Off-Auto-Cool), fan switch (Auto-On) **60L59**

Subbase - Selectable staging, indicator LED's, auxiliary relay output for economizer operation

2 Heat / 2 Cool **37L55**

3 Heat / 3 Cool **37L53**

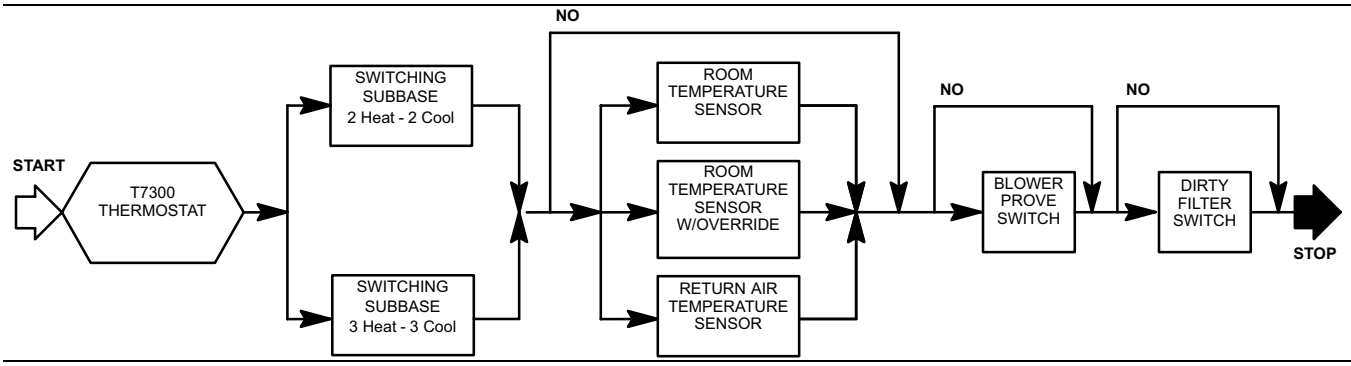
Sensor - Room temperature **58C92**

Sensor - Room temperature with 3 hour override and setpoint adjustment **86G67**

Sensor - Return air temperature **27C40**

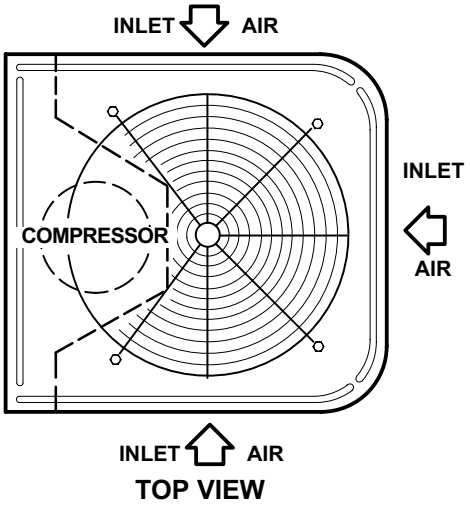
Blower Proving Switch - Monitors blower operation, locks out unit in case of blower failure **30K49**

Dirty Filter Switch - Senses static pressure increase indicating a dirty filter condition **30K48**

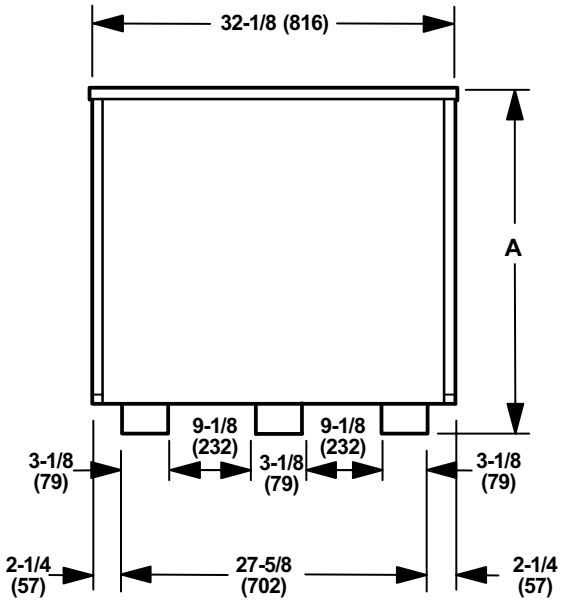


DIMENSIONS AND WEIGHTS - INCHES (MM)

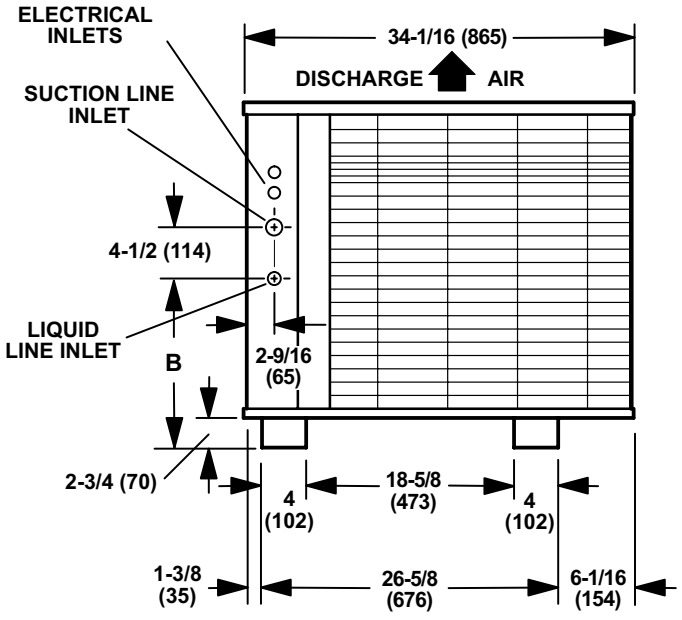
General Data	Model No.	SSA036H4	SSA048H4	SSA060H4
Shipping Data	lbs. (kg) 1 pkg.	243 (110)	262 (119)	313 (142)



TOP VIEW



ACCESS VIEW



SIDE VIEW

	Model No.	A	B
SSA036	in.	30-7/8	12-3/4
	mm	784	324
SSA048	in.	34-7/8	13-3/4
	mm	886	349
SSA060	in.	40-7/8	19-3/4
	mm	1038	502

SECTION 15730
UNITARY AIR CONDITIONING EQUIPMENT

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:
  1. Split System Air Conditioning and Heat Pump Units.

B. Related Sections:
  1. Division I – General Requirements.
  2. Section 05580 – Formed Metal Fabrications: Custom enclosures for the unit.
  3. Section 15080 – Mechanical Insulation: Duct and pipe insulation for the unit.
  4. Section 15800 – Air Distribution: Ducts, duct accessories, fans, air terminal units, air outlets & inlets, and air cleaning devices associated with the unit.
  5. Section 15900 – HVAC Instrumentation and Controls: Controls for the unit.
  6. Section 15950 – Testing, Adjusting and Balancing: Procedures for testing, adjusting and balancing the unit.

1.2 REFERENCES

A. ASNI/ASHRAE Standard 15 – 2001: Safety Standard for Refrigeration Systems.

B. ASHRAE Standard 62.1 – 2001: Ventilation Standard for Acceptable Indoor Air Quality.

C. ARI Standard 210/240-94: Unitary Air Conditioning Equipment (capacities from 0 to 65 kBtuh).

D. ARI Standard 270: Sound Rating of Outdoor Unitary Equipment.

E. NFPA-90A-2002: Standard for Installation of Air Conditioning and Ventilation Systems > 25,000 ft^3.

F. UL 1995 & CAN/CSA-C22.2 No. 236-M95: Standard for Heating and Cooling Equipment.

G. ISO 9001 Quality Systems – Model for Quality Assurance in Production, Installation, and Servicing.

H. NAECA: US National Appliance Energy Conservation Act of 1988. (US Only).

1.3 SYSTEM DESCRIPTION

A. Design Requirements:
  1. Unit construction shall be in compliance with the following standards:
    a. UL 1995 & CAN/CSA-C22.2 No. 236-M95: Standard for Heating and Cooling Equipment.

B. Performance Requirements:
  1. ARI Rated Net Cooling Efficiency shall meet or exceed NAECA: US National Appliance Energy Conservation Act of 1988. (US Only).

1.4 SUBMITTALS

A. Product Data:
  1. Model Number.
  2. External Static Pressure.
  3. Equipment Sound Rating.
  4. Unit Weight.
  5. Unit Voltage.
  6. Maximum Overcurrent Protection.
  7. Minimum Circuit Ampacity.
  8. Field Installed Accessory List.
  9. Equipment Feature List.

B. Shop Drawings:
  1. Plan View with dimensions.
  2. Front View with dimensions.
  3. End View with dimensions.
  4. Back View with dimensions.

C. Quality Assurance/Control:
  1. ARI Directory Listing (for units = 248 kBtuh).
  2. UL, ETL or CSA Listing.
  3. ISO 9001 Registration.

D. Closeout Submittals:
  1. Equipment inspection report.
  2. Equipment operation test report.
  3. Operation and Maintenance manuals.
  4. Warranty Cards.

1.5 QUALITY ASSURANCE

A. Qualifications:
  1. Manufacturer's factory shall be ISO 9001 registered.
  2. Installing contractors shall be manufacturer trained.
  3. Manufacturer shall have parts and service available throughout the U.S.A. and Canada.

B. Regulatory Requirements:
  1. Local Energy and Mechanical Codes.
  2. NAECA: US National Appliance Energy Conservation Act of 1988. (US Only)

C. Certifications
  1. ARI Standard 210/240-94: Unitary Air Conditioning Equipment (capacities from 0 to 65 kBtuh).
  2. ISO 9001 Quality Systems – Model for Quality Assurance in Production, Installation, and Servicing.

1.6 DELIVERY, STORAGE AND HANDLING

A. Packing, Shipping, Handling, and Unloading:
  1. Units shall be shipped, handled, and unloaded according to manufacturer's instructions.

B. Acceptance at Site:
  1. For owner provided product, Contractor shall be responsible for acceptance of equipment at site.

C. Storage and Protection:
  1. Contractor shall be responsible for storage and protection of equipment from damage until it is installed.
  2. Factory shipping covers shall remain in place until installation.

1.7 WARRANTY

A. Compressors:
  1. Shall have a limited warranty for five years.

B. All other covered parts:
  1. Shall have a limited warranty for one year.

1.8 SYSTEM START UP, OWNERS INSTRUCTIONS, COMMISSIONING

A. System Start Up:
  1. The unit shall be started up per manufacturer's instructions.

B. Owner's Instructions:
  1. Manufacturer representative shall instruct owner's representative on start up and operation of the equipment if required by the owner.

C. Commissioning:
  1. Manufacturer trained contractor shall statically and dynamically test the operation of the unit to verify its conformance to design criteria if required by the engineer.

1.9 MAINTENANCE

A. Replacement parts:
1. A list of common replacement parts shall be provided to the owner if required by the owner.

B. Maintenance Service:
1. Condenser coils shall be cleaned annually before the cooling season.
2. Refrigeration system operations shall be checked annually for proper operation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Lennox Industries Inc. S-Class Units.

2.2 EQUIPMENT

A. General:
1. Direct expansion, air-to-air mechanical outdoor electric split system air conditioner, unit with vertical airflow. All factory installed wiring, piping, refrigerant holding charge, and options shall be provided within the unit enclosure. Unit shall be matched with a suitable air-handling unit for proper operation.
2. Units shall be available in 208-230V/3Ph/60Hz, 460V/3Ph/60Hz and 575V/3Ph/60Hz voltages.
3. Unit sound rating shall not exceed 76 dB

2.3 COMPONENTS

A. Cabinet:
1. All exterior panels shall be constructed of G90 or 60 post painted galvanized steel with a 0.20 – 0.30 mils urethane primer and 0.70 - 0.80 mils polyester coat on the top side and a 0.15 – 0.25 mils urethane primer and 0.20 to 0.30 mils. Polyester coat on the backside. Coating shall be resistant to 1,000 hours of salt spray per ASTM B-117; 500 hours of humidity exposure per ASTM D2247; and 168 hours of heat resistance per ASTM D3454. Coating shall be impact resistant per ASTM D2794; Abrasion resistant per ASTM D4060; and Solvent resistant per NCCA No. II-18. Coating shall have H minimum pencil hardness per ASTM D3363. Coating shall have a 3T no tape pick off Flexibility per NCCAII-19. Coating shall have a “no tape pick off” cross hatch adhesion resistance per ASTM D3359.
2. Cabinet top panel shall be one piece.
3. Cabinet constructed shall be HushTone® type to minimize sound levels.
4. Openings shall be provided for side electrical connections.
5. Compressor and control box shall be located in a separate compartment to provide protection from the weather and keep sound transmissions to a minimum.
6. High-density polyethylene feet shall raise the unit 2 ¾” off the mounting surface.
7. The fan guard shall be steel wire coated with a corrosion-resistant PVC (polyvinyl chloride)
8. The coil guards shall be steel wire coated with a non-corrosive PVC (polyvinyl chloride) coating.

B. Wiring:

1. Shall not touch any hot-gas refrigerant lines.
2. Shall not touch any sharp metal edges.

C. Cooling System:
1. Cooling system shall be capable of operating from 45° F (7° C) to 125° F (52° C) without the installation of additional controls.
2. Cooling system shall be capable of operating from 0° F (-18° C) to 125° F (52° C) with the installation of additional controls.
3. Shall have one independent compressor circuit on 3 – 5 ton units.
4. The compressor circuit shall have a self-sealing suction line access port for reading refrigerant pressures.
5. The compressor circuit shall have a self-sealing liquid line access port for reading refrigerant pressures.
6. The compressor circuit shall have a suction valve that can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.
7. Refrigerant access ports shall be located inside the cabinet.
8. The compressor circuit shall have a manual reset high-pressure switch to protect the compressor from extreme refrigerant pressures.
9. The compressor circuit shall have an automatic reset low-pressure switch to protect the compressor from the loss of refrigerant charge.
10. The compressor circuit shall have a hi-capacity liquid line filter-drier with 100% molecular-sieve bead type drier to protect the compressor and thermostatic expansion valve from moisture and dirt.
11. The compressor circuit shall be leak tested to 0.3 oz/year
12. The compressor circuit shall have a R-410a refrigerant system charge.
13. Copper tubing shall not touch sharp metal surfaces.

D. Condenser coils:
1. Shall be constructed with enhanced aluminum fins mechanically bonded to copper tubes and be pressure leak tested to 500 psig (3477 kPa).
2. A maximum fin per inch count of 22 shall be used for cleanability.

E. Compressors:
1. Shall be Copeland® Ultra Tech™ two stage scroll type with sweat connections for the suction and discharge lines.
2. Shall provide two-stage operation.
3. Shall contain a slider ring, internal solenoid and two bypass ports on the fixed scroll to allow the compressor to operate at 67% capacity.
4. Shall be resiliently mounted.
5. Shall have thermal overload protection for all windings with automatic reset.
6. Shall have crankcase heaters.
7. Shall have a voltage application range of + 10% / -5% of unit nameplate voltage.
8. Shall be refrigerant cooled.
9. Shall be isolated from the condenser fan air stream to allow system operation check without disrupting airflow.
10. Shall have reverse rotation protection.

F. Cooling Controls:
1. Shall support up to two stages of cooling from a thermostat or an external DDC controller.
2. Shall have a high-pressure switch with manual reset to protect the compressor from extreme pressures.
3. Shall have a low pressure switch with automatic reset to protect the compressor from loss of charge and the evaporator coil from freezing.
4. Complete service access shall be provided for controls.

G. Condenser Fan Motor:
1. Shall be direct drive type with permanently lubricated sleeve bearings.
2. Shall have thermal overload protection with automatic reset and be watertight.
3. Motor mount shall be isolated from the fan safety guard.
4. Shall include a rain shield to provide additional protection from moisture.
5. Shall have ability to remove the motor without removing the top panel of the unit.

H. Condenser Fans
1. Shall be propeller type constructed of corrosion resistant material and discharge vertically with a finger safety guard.
2. Shall have ability to remove the fan without removing the top panel of the unit.

2.4 ACCESSORIES

A. Hail Guards:
  1. Shall be available for field installation.
  2. Hail guards constructed of galvanized steel, 22 gauge bird screen with Powder paint finish metal salt spray tested for 1,000 hours ASTM B117.

B. Mounting base:
  1. Shall be available for field installation.
  2. Constructed of high-density polyethylene structural material.

C. Refrigerant Line Kit:
  1. Shall be available for field installation on 3 and 4-ton units only.
  2. Shall include both vapor and liquid lines.
  3. Refrigerant line kits shall be clean when shipped.
  4. Refrigerant lines shall be cleaned, dried, and sealed at the factory.
  5. Vapor lines shall be fully insulated.

D. Low Ambient Kit, Operation to 30° F (-1° C):
  1. Shall be available for field installation.
  2. Shall provide unit operation to 30° F (-1° C).

E. Low Ambient Kit, Operation to 0° F (-18° C):
  1. Shall be available for field installation.
  2. Shall provide unit operation to 0° F (-18° C).

F. Compressor Timed-Off Control Kit
  1. Shall be available for field installation
  2. Shall provide a minimum compressor off time of five minutes to allow for equalization of pressures.

G. Freezestat
  1. Shall be available for field installation
  2. Shall cycle the compressor off when suction line temperature falls below the desired set point.

H. Indoor Blower Speed Relay Kit
  1. Shall be available for field installation
  2. Shall reduce indoor blower speed during continuous fan or first-stage compressor operation.

I. Time Delay Relay
  1. Shall be available for field installation
  2. Shall delay the indoor blower-off time during the cooling cycle.

2.5 SOURCE QUALITY CONTROL

A. Tests, Inspections:
  1. Unit shall be run tested at the factory.

B. Verification of Performance:
  1. Factory run test record shall be available for review if requested.

PART 3 EXECUTION

3.1 INSTALLERS

A. Installers shall be manufacturer trained.

B. Installers shall be trained in installation of R-410A equipment.

3.2 EXAMINATION

A. Site shall be examined and deemed acceptable to receive the units prior to installation.

3.3 INSTALLATION

A. Unit shall be installed per manufacturer's instructions.

3.4 CONSTRUCTION

A. Interface with Other Work
  1. Unit shall be compatible with building automation system described in Section 15900.

B. Sequences of Operation
  1. Unit shall have two stages of cooling.
  2. Refrigeration system and condenser fan shall operate when a demand for cooling is received from the building automation system.

3.5 FIELD QUALITY CONTROL

A. Site Tests, Inspection:
  1. Equipment Operation Test shall be conducted by manufacturer-trained contractor to verify proper operation.

LENNOX®

COMMERCIAL COMFORT SYSTEMS

- For the latest technical information, visit us at www.lennox.com.
- For online ordering and warranty access, contractors with Lennox customer accounts visit www.lennoxdavenet.com
- Contact us at 1-800-4-LENNOX

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI