LENNOX

ENGINEERING DATA

HEAT PUMP OUTDOOR UNITS

HPXB15

DAVE LENNOX SIGNATURE ™ COLLECTION WITH SILENTCOMFORT ™ TECHNOLOGY

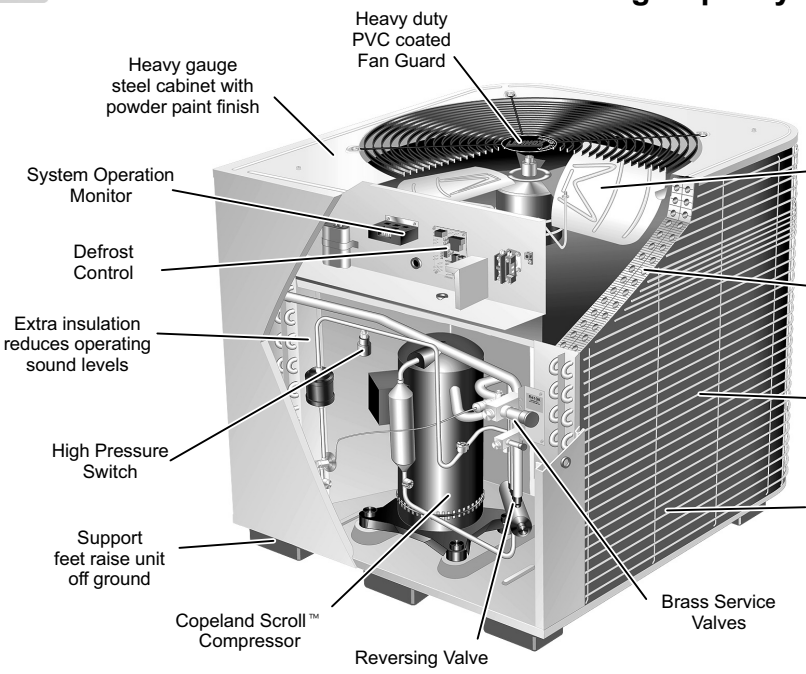
2 to 5 Ton
SEER - up to 14.75
Cooling Capacity - 23,800 to 56,000 Btuh
Heating Capacity - 25,000 to 57,500 Btuh

Bulletin No. 210373
February 2003
Supersedes January 2003

LENNOX R410A

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

ISO 9002 REGISTERED QUALITY SYSTEMS



UL LISTED

C UL LISTED

energy

CONTENTS

MODEL NUMBER IDENTIFICATION

HP X B 15 - 024 - 230

Unit Type
HP = Heat Pump

Refrigerant Type
X = R410A

Major Revision

Series

Nominal Cooling Capacity
024 = 2 tons (7.0 kW)
030 = 2.5 tons (8.8 kW)
036 = 3 tons (10.6 kW)
042 = 3.5 tons (12.3 kW)
048 = 4 tons (14.1 kW)
060 = 5 tons (17.6 kW)

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

Options
excluded if no options
C = Canadian (if different from US)
G = Government Options
T = Technicoat

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

FEATURES

Application
- SEER up to 14.75.
- Heating COP up to 3.73.
- HSPF (Region IV) up to 8.50.
- 2 through 5 ton (7.0 through 17.6 kW).
- Single phase power supply.
- Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
- Designed for applications with remotely located indoor blower-coil units or indoor add-on coils with FM21® furnace control. See FM21® bulletin, Thermostats and Controls section. Also see Coils and Blower Coils sections for indoor unit data.
- Units shipped completely factory assembled, piped and wired. Each unit is test operated at the factory insuring proper operation.
- Installer must set outdoor unit, connect refrigerant lines and make electrical connections to complete job.

Approvals
- Certified in accordance with the USE certification program, which is based on ARI Standard 210/240-94.
- Sound rated in Lennox reverberant sound test room in accordance with test conditions included in ARI Standard 270-95.
- Tested in the Lennox Research Laboratory environmental test room.
- Rated according to U.S. Department of Energy (DOE) test procedures.
- Units and components within bonded for grounding to meet safety standards for servicing required by UL and CEC.
- Units are UL and ULC listed.
- Manufactured in accordance with ISO 9002 quality standards.
- ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment. Many Lennox Home Comfort Systems meet ENERGYSTAR® requirements when used with appropriate components.

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

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

Cabinet
- Heavy gauge galvanized steel cabinet with five station metal wash process.
- Baked-on outdoor enamel paint finish provides superior rust and corrosion protection.
- Separate compressor and control compartment insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum.
- Control box is located in the compressor and controls compartment with all controls factory wired.
- Large removable access panel provides complete service access.
- Drainage holes are provided in base section for moisture removal.
- High density polyethylene feet raise the unit off of the mounting surface away from damaging moisture.
- Non-corrosive PVC (polyvinyl chloride) coated steel wire outdoor coil guard is furnished.

Copeland Scroll™ Compressor

- Compressor features high efficiency with uniform suction flow, constant discharge flow and high volumetric efficiency and quiet operation.
- Compressor consists of two involute spiral scrolls matched together to generate a series of crescent shaped gas pockets between them.
- During compression, one scroll remains stationary while the other scroll orbits around it.
- Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates.
- As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced.
- When pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls.
- During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle.
- Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency.
- Scroll compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to to be worked toward the center and discharged.
- 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 resilient rubber mounts for vibration free operation.
- Crankcase heater assures proper compressor lubrication.

FEATURES - CONTINUED

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

System Operation Monitor

- Provides detailed information for proper preventive maintenance and fast, easy servicing.
- Displays the most common fault conditions through indicator LED's:
- Monitor detects both mechanical and electrical system problems.
- Monitors only and does not provide safety protection.
- When an abnormal condition is detected, communicates the specific condition through the ALERT and TRIP lights.

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

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

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

Copper Tube/Enhanced Fin Coil
- Lennox designed and fabricated coil.
- Ripple-edged aluminum fins.
- Copper tube construction is corrosion resistant and easy to service.
- Precise coil circuiting gives uniform refrigerant distribution for high efficiency.
- Wrap around "U" shaped configuration provides extra large surface area with low air resistance.
- Fin collars grip tubing for maximum contact area.
- Inverted coil circuiting prevents ice buildup at coil base in low ambients.
- Discharge gas enters bottom of coil during defrost and heat of refrigerant flows counter to water drainage resulting in extremely clean and unobstructed fins and tubes.
- Fin spacing allows rapid and complete water drainage.
- Flared shoulder tubing connections/silver soldering construction.
- Coil is factory tested under high pressure to insure leakproof construction.
- Entire coil is accessible for cleaning.

Defrost/Timed-Off Control
- Solid-state defrost control board is furnished as standard equipment. It gives a defrost cycle (14 minutes) for every 30, 60 or 90 minutes (adjustable) of compressor "on" time at outdoor temperature below 35°F (2°C).
- Sensing element mounted on the liquid line determines when the defrost cycle is required and also when to terminate a cycle.
- Diagnostic LED on control board furnished as an aid for servicing.
- Prevents compressor short-cycling and allows time for suction and discharge pressure to equalize, permitting the compressor to start in an unloaded condition.
- Automatic reset control provides a five minute time delay between compressor shutoff and start-up.

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

Refrigerant Line Connections, Electrical Inlets and Service Valves
- Vapor and liquid lines are located inside unit cabinet and are made with sweat connections. See dimension drawing.
- Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Vapor valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.
- Vapor and liquid line service valves and gauge ports are located inside the cabinet.
- High capacity drier with internal check valve and strainer are furnished and factory installed in the liquid line.
- Field wiring inlets conveniently located for ease of entry. See dimension drawing.

Expansion Valve - Outdoor Unit
- Designed and sized specifically for use in heat pump system.
- Sensing bulb is located on the suction line between reversing valve and compressor thus sensing suction temperature in any cycle.
- Factory installed and piped.

Reversing Valve
- 4-way interchange reversing valve effects a rapid change in direction of refrigerant flow resulting in quick changeover from cooling to heating and vice versa.
- Valve operates on pressure differential between outdoor unit and indoor unit of the system. Factory installed.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Thermostat
- Thermostat is not furnished with the unit and must be ordered extra.
- See Thermostats and Controls section and Lennox Price Book.

Check and Expansion Valve Kits
- Must be ordered extra and field installed on some indoor units. See ARI Ratings table.
- Chatleff style fitting.

Compressor Hard Start Kit
- Single-phase units are equipped with a PSC compressor motor. This type of motor normally doesn't need a potential relay and start capacitor.
- In conditions such as low voltage, this kit may be required to increase the compressor starting torque.

Drier - Liquid line
- 3/8-inch (9.5 mm) sweat connection.
- Molded core type drier containing molecular sieve and activated alumina.

Drier - Suction line
- Sweat connections, see Specifications for order number.
- Volume of desiccant is 14 in^3 (229 cc).
- Filtering area is 27 in^2 (174 cm^2).

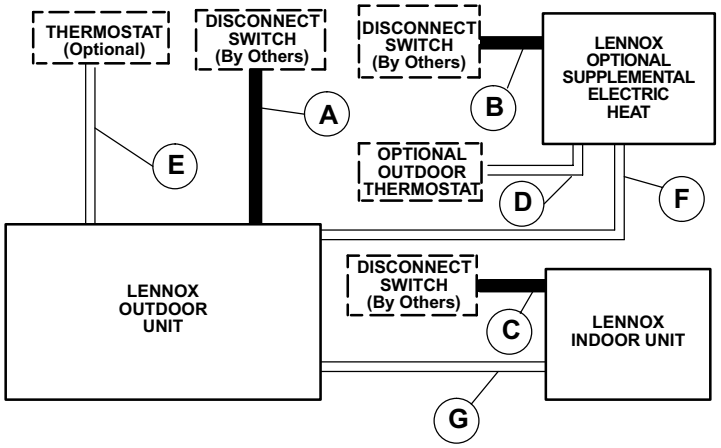
Mild Ambient Kit
- Heat pump units operate satisfactorily in the heating mode at outdoor air temperatures up to 75°F (24°C).
- Mild Ambient Kit can be field installed, allowing heating operation above 75°F (24°C).

Refrigerant Line Kits
- Refrigerant lines (vapor & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Vapor line fully insulated.
- L15 lines are stubbed at both ends.
- See Specifications table for selection.
- Kit is not available for HPXB15-060 model and must be field fabricated.
- Refrigerant line length should not exceed 50 ft. (15 m) in any installation. If longer length lines are required, contact your Lennox Field Technical Consultant.

Outdoor Thermostat Kit
- An outdoor thermostat can be used to lock out some of the electric heating elements on indoor units where two-stage control is applicable.
- Outdoor thermostat maintains the heating load on the low power input as long as possible before allowing the full power load to come on the line.
- See Specifications table.

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

FIELD WIRING



A — Two Wire Power (see Electrical Data)

B — Two or Three Wire Power (size to heater capacity)

C — Two Wire Power (size to indoor coil blower motor)

D — Two Wire Low Voltage — 18 ga. minimum

E — Eight Wire Low Voltage — 18 ga. minimum — with Electric Heat

— Ten Wire Low Voltage with Optional Outdoor Thermostat

F — Four Wire Low Voltage — 18 ga. minimum

G — Three Wire Low Voltage — 18 ga. minimum

— Field Wiring Not Furnished —

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

SPECIFICATIONS

General Data	Model No.	HPXB15-024 -230	HPXB15-030 -230	HPXB15-036 -230	HPXB15-042 -230	HPXB15-048 -230	HPXB15-060 -230
	Nominal Tonnage (kW)	2 (7.0)	2.5 (8.8)	3 (10.6)	3.5 (12.3)	4 (14.1)	5 (17.6)
Connections (sweat)	Liquid line o.d. - in. (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Vapor line o.d. - in. (mm)	3/4 (19)	3/4 (19)	3/4 (19)	7/8 (22.2)	7/8 (22.2)	1-1/8 (28.5)
Refrigerant	[1]R-410A furnished	6 lbs. 15 oz. (3.15 kg)	10 lbs. 4 oz. (4.65 kg)	9 lbs. 10 oz. (4.37 kg)	9 lbs. 8 oz. (4.31 kg)	12 lbs. 7 oz. (5.64 kg)	14 lbs. 11 oz. (6.66 kg)
Outdoor Coil	Net face area sq. ft. (m^2) - Outer Coil	11.91 (1.11)	16.04 (1.49)	16.04 (1.49)	18.33 (1.70)	24.06 (2.24)	24.06 (2.24)
	Inner Coil	8.27 (0.77)	15.56 (1.45)	15.56 (1.45)	17.78 (1.65)	23.33 (2.17)	23.33 (2.17)
	Tube diameter - in. (mm)	5/16 (8)	5/16 (8)	5/16 (8)	5/16 (8)	5/16 (8)	5/16 (8)
	Number of rows	2	2	2	2	2	2
	Fins per inch (m)	22 (866)	22 (866)	22 (866)	22 (866)	22 (866)	22 (866)
Outdoor Fan	Diameter in. (mm) - No. of blades	20 (508) - 4	24 (610) - 3	24 (610) - 3	24 (610) - 3	24 (610) - 4	24 (610) - 4
	Motor hp (W)	1/10 (75)	1/6 (124)	1/6 (124)	1/6 (124)	1/4 (187)	1/4 (187)
	Cfm (L/s)	1860 (880)	3000 (1415)	3000 (1415)	3100 (1465)	4200 (1980)	4200 (1980)
	Rpm	825	825	825	825	825	825
	Watts	165	230	230	230	345	345
Shipping Data	lbs. (kg) 1 package	196 (89)	203 (92)	248 (112)	257 (117)	270 (122)	367 (166)

ELECTRICAL DATA

Electrical Data	Line voltage data - 60 hertz - 1 phase	208/230v	208/230v	208/230v	208/230v	208/230v	208/230v
	Maximum fuse size (amps)	30	30	35	40	45	60
	[2]Minimum circuit ampacity	17.7	19.6	20.4	25.2	27.5	36.2
Compressor	Rated load amps	13.5	14.8	15.4	19.3	20.6	27.6
	Locked rotor amps	61.0	72.5	83.0	104.0	109.0	158.0
	Power factor	.98	.98	.97	.95	.94	.99
Outdoor Coil Fan Motor	Full load amps	0.8	1.1	1.1	1.1	1.7	1.7
	Locked rotor amps	1.6	2.0	2.0	2.0	3.8	3.8

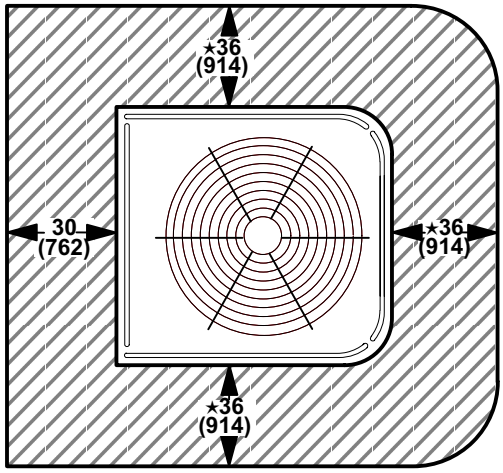
OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

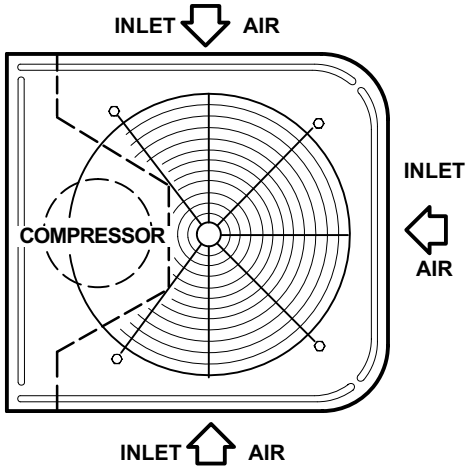
Compressor Hard Start Kit		**10J42**	**10J42**	**10J42**	**10J42**	**81J69**	**81J69**
Driers - sweat connections	Liquid Line	**44L40**	**44L40**	**44L40**	**44L40**	**44L40**	**44L40**
	Suction Line	**88K44**	**88K44**	**88K44**	**88K45**	**88K45**	**88K45**
Mild Weather Kit		**33M07**	**33M07**	**33M07**	**33M07**	**33M07**	**33M07**
Mounting Base	Catalog No.	**69J06** (MB2-S)	**69J07** (MB2-L)	**69J07** (MB2-L)	**69J07** (MB2-L)	**69J07** (MB2-L)	**69J07** (MB2-L)
	Net Weight	6 lbs. (3 kg)	15 lbs. (7 kg)	15 lbs. (7 kg)	15 lbs. (7 kg)	15 lbs. (7 kg)	15 lbs. (7 kg)
Outdoor Thermostat Kit	Thermostat	**56A87**	**56A87**	**56A87**	**56A87**	**56A87**	**56A87**
	Mounting Box - US	**31461**	**31461**	**31461**	**31461**	**31461**	**31461**
	Canada	**33A29**	**33A29**	**33A29**	**33A29**	**33A29**	**33A29**
Refrigerant Line Set	15 ft. (4.6 m) length	L15-41-15	L15-41-15	L15-41-15	Not Available	Not Available	Field Fabricate
	20 ft. (6 m) length	L15-41-20	L15-41-20	L15-41-20	Not Available	Not Available	Field Fabricate
	30 ft. (9 m) length	L15-41-30	L15-41-30	L15-41-30	L15-65-30	L15-65-30	Field Fabricate
	40 ft. (12 m) length	L15-41-40	L15-41-40	L15-41-40	L15-65-40	L15-65-40	Field Fabricate
	50 ft. (15 m) length	L15-41-50	L15-41-50	L15-41-50	L15-65-50	L15-65-50	Field Fabricate

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

DIMENSIONS - INCHES (MM)

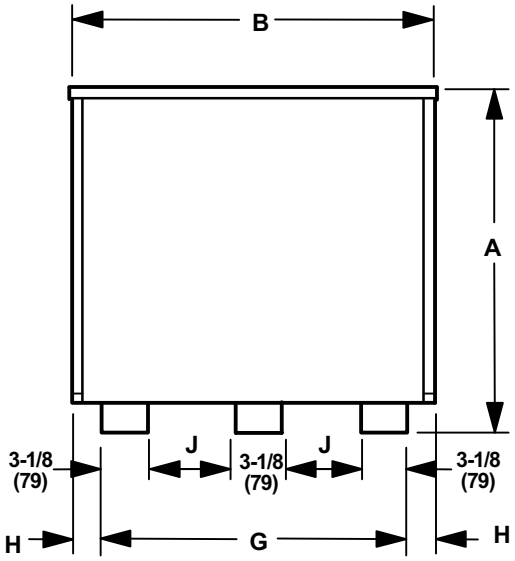
INSTALLATION CLEARANCES



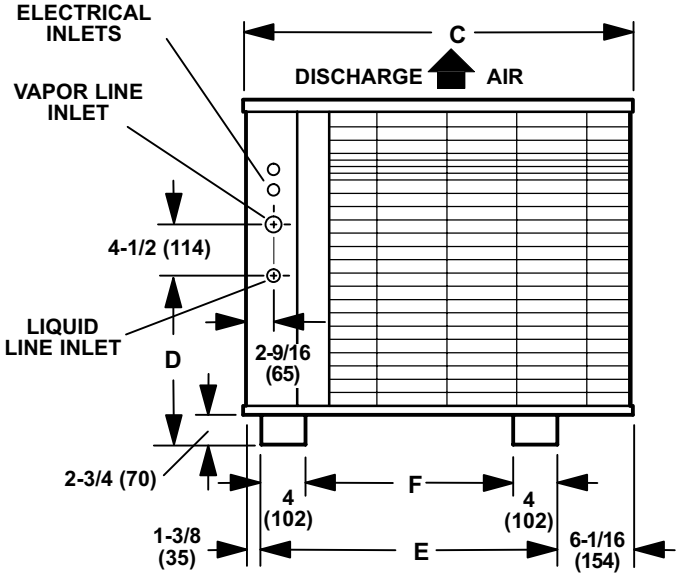


TOP VIEW

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



ACCESS VIEW



SIDE VIEW

Model No.		A	B	C	D	E	F	G	H	J
HPXB15-024	in.	27-7/8	25-7/8	29-7/8	12-1/4	22-7/16	14-7/16	22-1/4	1-13/16	6-7/16
	mm	708	657	759	311	570	367	565	46	164
HPXB15-030 HPXB15-036	in.	30-7/8	32-1/8	34-1/16	12-3/4	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	784	816	865	324	676	473	702	57	232
HPXB15-042	in.	34-7/8	32-1/8	34-1/16	13-3/4	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	886	816	865	349	676	473	702	57	232
HPXB15-048 HPXB15-060	in.	44-7/8	32-1/8	34-1/16	14-1/4	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	1140	816	865	362	676	473	702	57	232

OUTDOOR SOUND DATA

*Unit Model No.	Octave Band Sound Power Levels dB, re 10^{-12} Watts Center Frequency - HZ							*Sound Rating Number (dB)
	125	250	500	1000	2000	4000	8000	
HPXB15-024	70.5	66.5	66.5	64.5	60.5	53.5	50	69
HPXB15-030	73.5	71.5	70	67	63	56.5	51.5	72
HPXB15-036	72	69.5	70.5	67	62.5	57.5	52	72
HPXB15-042	73.5	68.5	69.5	66.5	63	58	52.5	71
HPXB15-048	73.5	70.5	71.5	69.5	64.5	57.5	52.5	74
HPXB15-060	74.5	70.5	71.5	70.5	64.5	57.5	52.5	74

*Tested according to ARI Standard 270-95 test conditions.

ARI RATINGS

Outdoor Unit Model No. / Unit Size / [1]Sound Rating Number		[2]ARI Standard 210/240 Ratings														[3]Expansion Device
		Cooling Capacity		High Temp. Heating Capacity		Low Temp. Heating Capacity		Efficiency		HSPF		Total Cool. Watts	Total High Htg. Watts	Total Low Htg. Watts	High Htg. COP	Low Htg. COP	Indoor Unit Model No.	
		Btuh	kW	Btuh	kW	Btuh	kW	SEER	EER	IV	V							
HPXB15-024 2 Ton (69 dB)	**Blower Coil Units**	23,800	7.0	25,800	7.6	16,200	4.8	11.35	9.60	7.25	6.55	2485	2415	2081	3.14	2.28	CB29M-21/26 (Multi)	[6] **49L24**
		24,800	7.3	25,200	7.4	16,000	4.7	11.70	9.80	7.00	6.25	2529	2414	2188	3.06	2.14	CB29M-31 (Multi)	[6] **49L24**
		25,000	7.3	25,600	7.5	16,000	4.7	11.70	9.85	7.10	6.35	2539	2444	2109	3.06	2.22	CB29M-41 (Multi)	[6] **49L24**
		25,600	7.5	25,200	7.4	16,200	4.8	12.20	10.25	7.35	6.60	2495	2278	2035	3.24	2.34	[4]CB30M-21/26(Multi)	[6] **49L24**
		25,600	7.5	25,200	7.4	16,200	4.8	12.20	10.25	7.35	6.60	2495	2278	2035	3.24	2.34	CB30U-21/26 (Up-Flow)	[6] **49L24**
		25,600	7.5	25,200	7.4	16,200	4.8	12.20	10.25	7.35	6.60	2495	2278	2035	3.24	2.34	CBX32M-018/024 (Multi)	[5]Factory Installed
		26,400	7.7	25,000	7.3	15,600	4.6	12.75	10.65	7.70	6.80	2483	2171	1901	3.38	2.40	CB30M-31 (Multi)	[6] **49L24**
		26,400	7.7	25,000	7.3	15,600	4.6	12.75	10.65	7.70	6.80	2483	2171	1901	3.38	2.40	CB30U-31 (Up-Flow)	[6] **49L24**
		26,400	7.7	25,000	7.3	15,600	4.6	12.75	10.65	7.70	6.80	2483	2171	1901	3.38	2.40	CBX32M-030 (Multi)	[5]Factory Installed
		24,400	7.2	25,400	7.4	16,000	4.7	11.50	9.65	7.40	6.60	2530	2319	2027	3.22	2.32	[7]CVP10-26/EC10 (Up-Flow)	[6] **49L24**
	Up-Flow Coils	24,000	7.0	26,000	7.6	16,400	4.8	11.25	9.55	7.25	6.50	2516	2442	2088	3.12	2.30	C26-21	[6] **49L24**
		24,600	7.2	25,800	7.6	16,200	4.8	11.60	9.80	7.35	6.55	2512	2379	2056	3.18	2.30	C26-26	[6] **49L24**
		24,600	7.2	25,800	7.6	16,200	4.8	11.60	9.80	7.35	6.55	2512	2379	2056	3.18	2.30	C33-30A/B	**49L24**
		24,600	7.2	25,800	7.6	16,200	4.8	11.60	9.80	7.35	6.55	2512	2379	2056	3.18	2.30	CX34-30A/B	[5]Factory Installed
		26,000	7.6	25,200	7.4	15,800	4.6	12.10	10.15	7.40	6.60	2565	2291	2016	3.22	2.30	C26-31	[6] **49L24**
	Down-Flow Coils	22,800	6.7	25,800	7.6	16,400	4.8	11.05	9.20	7.05	6.35	2482	2508	2168	3.02	2.22	CR26-18	**49L24**
		25,000	7.3	26,200	7.7	16,400	4.8	11.75	9.90	7.40	6.60	2519	2396	2078	3.20	2.32	CR26-30	**49L24**
	Horizontal Coils	24,200	7.1	25,400	7.4	16,000	4.7	11.40	9.55	6.90	6.20	2536	2504	2167	2.98	2.16	CH23-21	**49L24**
		24,200	7.1	25,400	7.4	16,000	4.7	11.40	9.55	6.90	6.20	2536	2504	2167	2.98	2.16	CH33-30A-2F	**49L24**
		24,600	7.2	25,000	7.3	16,000	4.7	11.65	9.80	7.05	6.30	2512	2422	2120	3.02	2.22	CH23-31	**49L24**
		24,600	7.2	25,000	7.3	16,000	4.7	11.65	9.80	7.05	6.30	2512	2422	2120	3.02	2.22	CH33-36A/B/C-2F	**49L24**
		25,800	7.6	25,400	7.4	16,000	4.7	12.05	10.10	7.25	6.50	2550	2346	2063	3.18	2.28	CH23-41	**49L24**

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.

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

[2]Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[3]Kit is required and must be ordered extra, unless shown as factory installed.

[4]Most popular evaporator coil.

[5]Furnished as standard with coil unit, no changeout required.

[6]Factory installed check/expansion valve on indoor unit MUST be replaced with valve specified.

[7]Canada Only.

ARI RATINGS

Outdoor Unit Model No. / Unit Size / [1]Sound Rating Number		[2]ARI Standard 210/240 Ratings															[3]Expansion Device
		Cooling Capacity		High Temp. Heating Capacity		Low Temp. Heating Capacity		Efficiency				Total Cool. Watts	Total High Htg. Watts	Total Low Htg. Watts	High Htg. COP	Low Htg. COP	
										HSPF							
		Btuh	kW	Btuh	kW	Btuh	kW	SEER	EER	IV	V						
HPXB15-030 2.5 Ton (72 dB)	**Blower Coil Units**	~~27,800~~	~~8.2~~	~~30,200~~	~~8.9~~	~~20,000~~	~~5.9~~	~~12.50~~	~~10.55~~	~~7.60~~	~~6.85~~	~~2635~~	~~2830~~	~~2525~~	~~3.12~~	~~2.32~~	~~CB29M-41 (Multi)~~	~~[6] **49L24**~~
		~~28,800~~	~~8.4~~	~~29,600~~	~~8.7~~	~~19,400~~	~~5.7~~	~~13.15~~	~~11.10~~	~~7.65~~	~~6.90~~	~~2595~~	~~2765~~	~~2460~~	~~3.13~~	~~2.31~~	~~CB30M-21/26 (Multi)~~	~~[6] **49L24**~~
		~~28,800~~	~~8.4~~	~~29,600~~	~~8.7~~	~~19,400~~	~~5.7~~	~~13.15~~	~~11.10~~	~~7.65~~	~~6.90~~	~~2595~~	~~2765~~	~~2460~~	~~3.13~~	~~2.31~~	~~CB30U-21/26 (Up-Flow)~~	~~[6] **49L24**~~
		~~28,800~~	~~8.4~~	~~29,600~~	~~8.7~~	~~19,400~~	~~5.7~~	~~13.15~~	~~11.10~~	~~7.65~~	~~6.90~~	~~2595~~	~~2765~~	~~2460~~	~~3.13~~	~~2.31~~	~~CBX32M-018/024 (Multi)~~	~~[5]Factory Installed~~
		30,000	8.8	29,400	8.6	19,200	5.6	13.75	11.70	7.85	7.05	2560	2570	2300	3.35	2.44	[4]CB30M-31 (Multi)	[6] **49L24**
		30,000	8.8	29,400	8.6	19,200	5.6	13.75	11.70	7.85	7.05	2560	2570	2300	3.35	2.44	CB30U-31 (Up-Flow)	[6] **49L24**
		30,000	8.8	29,400	8.6	19,200	5.6	13.75	11.70	7.85	7.05	2560	2570	2300	3.35	2.44	CBX32M-030 (Multi)	[5]Factory Installed
		30,000	8.8	29,800	8.7	19,400	5.7	13.80	11.60	8.10	7.25	2590	2560	2300	3.41	2.47	CB30M-41 (Multi)	[6] **49L24**
		30,000	8.8	29,800	8.7	19,400	5.7	13.80	11.60	8.10	7.25	2590	2560	2300	3.41	2.47	CB30U-41/46 (Up-Flow)	[6] **49L24**
		30,000	8.8	29,800	8.7	19,400	5.7	13.80	11.60	8.10	7.25	2590	2560	2300	3.41	2.47	CBX32M-036 (Multi)	[5]Factory Installed
		30,000	8.8	29,800	8.7	19,400	5.7	13.80	11.55	8.10	7.25	2600	2565	2310	3.40	2.46	CB30M-46 (Multi)	[6] **49L24**
		30,000	8.8	29,800	8.7	19,400	5.7	13.80	11.55	8.10	7.25	2600	2565	2310	3.40	2.46	CBX32M-042 (Multi)	[5]Factory Installed
		30,400	8.9	29,400	8.6	19,200	5.6	14.75	12.35	8.30	7.35	2460	2475	2215	3.48	2.54	CB31MV-41 (Multi)	[6] **49L24**
		30,400	8.9	29,400	8.6	19,200	5.6	14.75	12.35	8.30	7.35	2460	2475	2215	3.48	2.54	CBX32MV-036 (Multi)	[5]Factory Installed
		28,800	8.4	30,200	8.9	20,000	5.9	12.80	10.85	7.80	7.00	2655	2760	2460	3.20	2.38	[7]CVP10-31/EC10 (Up-Flow)	[6] **49L24**
		29,200	8.6	29,800	8.7	19,600	5.7	13.00	11.00	7.90	7.10	2655	2665	2395	3.27	2.40	[7]CVP10-41/EC10 (Up-Flow)	[6] **49L24**
	Up-Flow Coils	29,600	8.7	30,200	8.9	19,800	5.8	13.15	11.10	7.85	7.05	2665	2755	2460	3.21	2.36	C26-31	[6] **49L24**
		29,800	8.7	30,000	8.8	19,600	5.7	13.25	11.15	7.90	7.05	2670	2675	2405	3.28	2.39	C33-38A/B	**49L24**
		29,800	8.7	30,000	8.8	19,600	5.7	13.25	11.15	7.90	7.05	2670	2675	2405	3.28	2.39	CX34-38A/B	[5]Factory Installed
		29,800	8.7	30,000	8.8	19,600	5.7	13.25	11.15	7.90	7.05	2670	2675	2405	3.28	2.39	C26-41	[6] **49L24**
		29,800	8.7	29,200	8.6	19,200	5.6	13.20	11.20	7.85	7.00	2665	2620	2375	3.26	2.37	C26-46	[6] **49L24**
		29,800	8.7	29,200	8.6	19,200	5.6	13.20	11.20	7.85	7.00	2665	2620	2375	3.26	2.37	C33-48B/C	**49L24**
		29,800	8.7	29,200	8.6	19,200	5.6	13.20	11.20	7.85	7.00	2665	2620	2375	3.26	2.37	CX34-44/48B/C	[5]Factory Installed
	Down-Flow Coils	29,400	8.6	30,800	9.0	20,200	5.9	13.15	11.05	7.85	7.05	2660	2765	2490	3.26	2.38	CR26-36	**49L24**
	Horizontal Coils	29,000	8.5	30,200	8.9	20,000	5.9	12.85	10.90	7.50	6.75	2655	2865	2565	3.09	2.28	CH33-36A-2F	**49L24**
		29,000	8.5	30,200	8.9	20,000	5.9	12.85	10.90	7.50	6.75	2655	2865	2565	3.09	2.28	CH23-41	**49L24**
		29,600	8.7	30,200	8.9	19,800	5.8	13.15	11.15	7.75	6.95	2660	2755	2475	3.21	2.34	CH33-42B-2F	**49L24**
		29,600	8.7	30,200	8.9	19,800	5.8	13.15	11.15	7.75	6.95	2660	2755	2475	3.21	2.34	CH23-51	**49L24**
		30,200	8.9	30,200	8.9	19,800	5.8	13.35	11.30	7.95	7.10	2675	2675	2425	3.31	2.39	CH23-65	**49L24**

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.

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

[2]Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[3]Kit is required and must be ordered extra, unless shown as factory installed.

[4]Most popular evaporator coil.

[5]Furnished as standard with coil unit, no changeout required.

[6]Factory installed check/expansion valve on indoor unit MUST be replaced with valve specified.

[7]Canada Only.

ARI RATINGS

Outdoor Unit Model No. / Unit Size / [1]Sound Rating Number	[2]ARI Standard 210/240 Ratings														[3]Expansion Device
	Cooling Capacity		High Temp. Heating Capacity		Low Temp. Heating Capacity		Efficiency				Total Cool. Watts	Total High Htg. Watts	Total Low Htg. Watts	High Htg. COP	Low Htg. COP	Indoor Unit Model No.	
	Btuh	kW	Btuh	kW	Btuh	kW	SEER	EER	HSPF IV	HSPF V							
HPXB15-036 **Blower Coil Units** 3 Ton (72 dB)	~~32,800~~	~~9.6~~	~~36,600~~	~~10.7~~	~~24,400~~	~~7.2~~	~~12.15~~	~~10.35~~	~~7.55~~	~~6.90~~	~~3165~~	~~3285~~	~~3010~~	~~3.26~~	~~2.37~~	~~CB29M-41 (Multi)~~	[6] **49L24**
	34,400	10.1	35,400	10.4	23,600	6.9	13.00	10.95	8.05	7.30	3135	2960	2725	3.50	2.54	CB29M-46 (Multi)	[6] **49L24**
	34,800	10.2	34,800	10.2	22,800	6.7	14.10	11.80	8.50	7.55	2950	2730	2515	3.73	2.65	CB31MV-41 (Multi)	[6] **49L24**
	34,800	10.2	34,800	10.2	22,800	6.7	14.10	11.80	8.50	7.55	2950	2730	2515	3.73	2.65	CBX32MV-036 (Multi)	[5]Factory Installed
	35,000	10.3	35,400	10.4	23,400	6.9	13.45	11.40	8.25	7.40	3075	2870	2645	3.61	2.59	CB30M-31 (Multi)	[6] **49L24**
	35,000	10.3	35,400	10.4	23,400	6.9	13.45	11.40	8.25	7.40	3075	2870	2645	3.61	2.59	CB30U-31 (Up-Flow)	[6] **49L24**
	35,000	10.3	35,400	10.4	23,400	6.9	13.45	11.40	8.25	7.40	3075	2870	2645	3.61	2.59	CBX32M-030 (Multi)	[5]Factory Installed
	35,000	10.3	35,800	10.5	24,000	7.0	12.55	10.65	7.80	7.10	3280	3105	2870	3.38	2.45	CB29M-51 (Multi)	[6] **49L24**
	35,400	10.4	35,400	10.4	23,400	6.9	13.70	11.55	8.45	7.55	3060	2810	2580	3.69	2.66	CB30M-46 (Multi)	[6] **49L24**
	35,400	10.4	35,400	10.4	23,400	6.9	13.70	11.55	8.45	7.55	3060	2810	2580	3.69	2.66	CBX32M-042 (Multi)	[5]Factory Installed
	35,600	10.4	35,600	10.4	23,600	6.9	13.55	11.50	8.35	7.45	3095	2850	2625	3.66	2.63	[4]CB30M-41 (Multi)	[6] **49L24**
	35,600	10.4	35,600	10.4	23,600	6.9	13.55	11.50	8.35	7.45	3095	2850	2625	3.66	2.63	CB30U-41/46 (Up-Flow)	[6] **49L24**
	35,600	10.4	35,600	10.4	23,600	6.9	13.55	11.50	8.35	7.45	3095	2850	2625	3.66	2.63	CBX32M-036 (Multi)	[5]Factory Installed
	34,000	10.0	36,200	10.6	24,200	7.1	12.35	10.55	7.85	7.10	3225	3140	2875	3.38	2.46	[7]CVP10-31/EC10 (Up-Flow)	[6] **49L24**
	34,000	10.0	35,200	10.3	23,600	6.9	12.45	10.60	8.00	7.20	3205	2980	2750	3.46	2.51	[7]CVP10-41/EC10 (Up-Flow)	[6] **49L24**
Up-Flow Coils	34,000	10.0	35,200	10.3	23,400	6.9	12.85	10.90	7.70	6.95	3120	3115	2815	3.31	2.43	C26-31	[6] **49L24**
	34,000	10.0	35,200	10.3	23,400	6.9	12.85	10.90	7.70	6.95	3120	3115	2815	3.31	2.43	C33-38A/B	**49L24**
	34,000	10.0	35,200	10.3	23,400	6.9	12.85	10.90	7.70	6.95	3120	3115	2815	3.31	2.43	CX34-38A/B	[5]Factory Installed
	34,800	10.2	35,400	10.4	23,600	6.9	13.00	11.00	8.10	7.25	3170	2950	2715	3.51	2.55	C26-41	[6] **49L24**
	34,800	10.2	34,600	10.1	23,000	6.7	13.00	11.00	8.05	7.20	3170	2890	2680	3.51	2.51	C26-46	[6] **49L24**
Down-Flow Coils	34,600	10.1	37,000	10.8	24,800	7.3	13.00	11.00	8.15	7.40	3145	3060	2820	3.54	2.58	CR26-36	**49L24**
	34,800	10.2	36,000	10.6	24,000	7.0	12.85	10.95	8.00	7.25	3175	3020	2785	3.49	2.52	CR26-48	**49L24**
Horizontal Coils	33,800	9.9	35,600	10.4	23,800	7.0	12.60	10.70	7.65	6.95	3160	3160	2910	3.30	2.39	CH33-36A-2F	**49L24**
	33,800	9.9	35,600	10.4	23,800	7.0	12.60	10.70	7.65	6.95	3160	3160	2910	3.30	2.39	CH23-41	**49L24**
	34,800	10.2	35,800	10.5	24,000	7.0	13.00	10.95	7.85	7.10	3180	3075	2840	3.41	2.47	CH33-42B-2F	**49L24**
	34,800	10.2	35,800	10.5	24,000	7.0	13.00	10.95	7.85	7.10	3180	3075	2840	3.41	2.47	CH23-51	**49L24**
	35,200	10.3	35,400	10.4	23,800	7.0	13.05	11.05	8.15	7.35	3180	2930	2725	3.54	2.56	CH23-65	**49L24**

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.
[1]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[2]Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
[3]Kit is required and must be ordered extra, unless shown as factory installed.
[4]Most popular evaporator coil.
[5]Furnished as standard with coil unit, no changeout required.
[6]Factory installed check/expansion valve on indoor unit MUST be replaced with valve specified.
[7]Canada Only.

ARI RATINGS

Outdoor Unit Model No. / Unit Size / [1]Sound Rating Number		[2]ARI Standard 210/240 Ratings															[3]Expansion Device
		Cooling Capacity		High Temp. Heating Capacity		Low Temp. Heating Capacity		Efficiency				Total Cool. Watts	Total High Htg. Watts	Total Low Htg. Watts	High Htg. COP	Low Htg. COP	
										HSPF							
		Btuh	kW	Btuh	kW	Btuh	kW	SEER	EER	IV	V						
HPXB15-042 3.5 Ton (71 dB)	**Blower Coil Units**	40,000	11.7	41,000	12.0	26,600	7.8	12.20	10.65	7.05	6.45	3755	3690	3360	3.25	2.32	CB29M-46 (Multi)	[6] **49L25**
		40,500	11.9	40,500	11.9	26,600	7.8	12.20	10.60	6.85	6.30	3815	3760	3455	3.15	2.25	CB29M-51 (Multi)	[6] **49L25**
		41,000	12.0	40,500	11.9	26,400	7.7	12.75	11.15	7.25	6.60	3670	3530	3215	3.36	2.40	CB30M-41 (Multi)	[6] **49L25**
		41,000	12.0	40,500	11.9	26,400	7.7	12.75	11.15	7.25	6.60	3670	3530	3215	3.36	2.40	CBX32M-036 (Multi)	[5]Factory Installed
		41,000	12.0	40,500	11.9	26,200	7.7	12.80	11.15	7.25	6.60	3670	3530	3215	3.36	2.39	[4]CB30M-46 (Multi)	[6] **49L25**
		41,000	12.0	40,500	11.9	26,200	7.7	12.80	11.15	7.25	6.60	3670	3530	3215	3.36	2.39	CB30U-41/46 (Up-Flow)	[6] **49L25**
		41,000	12.0	40,500	11.9	26,200	7.7	12.80	11.15	7.25	6.60	3670	3530	3215	3.36	2.39	CBX32M-042 (Multi)	[5]Factory Installed
		41,000	12.0	40,500	11.9	26,600	7.8	12.45	10.85	6.90	6.35	3775	3725	3415	3.18	2.28	CB29M-65 (Multi)	[6] **49L25**
		41,000	12.0	40,500	11.9	26,200	7.7	13.00	11.35	7.35	6.65	3620	3480	3165	3.41	2.42	CB31MV-41 (Multi)	[6] **49L25**
		41,000	12.0	40,500	11.9	26,200	7.7	13.00	11.35	7.35	6.65	3620	3480	3165	3.41	2.42	CBX32MV-036 (Multi)	[5]Factory Installed
		42,500	12.5	40,000	11.7	26,000	7.6	13.20	11.55	7.45	6.75	3680	3370	3095	3.48	2.46	CB30M-51 (Multi)	[6] **49L25**
		42,500	12.5	40,000	11.7	26,000	7.6	13.20	11.55	7.45	6.75	3680	3370	3095	3.48	2.46	CB30U-51 (Up-Flow)	[6] **49L25**
		42,500	12.5	40,000	11.7	26,000	7.6	13.20	11.55	7.45	6.75	3680	3370	3095	3.48	2.46	CBX32M-048 (Multi)	[5]Factory Installed
		43,500	12.8	39,500	11.6	25,600	7.5	14.00	12.20	7.65	6.90	3570	3240	2965	3.57	2.53	CB31MV-51 (Multi)	[6] **49L25**
		43,500	12.8	39,500	11.6	25,600	7.5	14.00	12.20	7.65	6.90	3570	3240	2965	3.57	2.53	CBX32MV-048 (Multi)	[5]Factory Installed
		39,000	11.4	40,500	11.9	26,600	7.8	12.00	10.45	6.95	6.40	3735	3735	3385	3.18	2.30	[7]CVP10-41/EC10 (Up-Flow)	[6] **49L25**
		40,000	11.7	41,000	12.0	27,200	8.0	11.75	10.30	7.05	6.45	3885	3710	3430	3.24	2.32	[7]CVP10-46/EC10 (Up-Flow)	[6] **49L25**
	Up-Flow Coils	39,500	11.6	40,500	11.9	26,400	7.7	12.35	10.80	6.95	6.35	3665	3740	3355	3.17	2.30	C26-41	[6] **49L25**
		39,500	11.6	40,500	11.9	26,400	7.7	12.35	10.80	6.95	6.35	3665	3740	3355	3.17	2.30	C33-38A/B	**49L25**
		39,500	11.6	40,500	11.9	26,400	7.7	12.35	10.80	6.95	6.35	3665	3740	3355	3.17	2.30	CX34-38A/B	[5]Factory Installed
		41,000	12.0	40,500	11.9	26,200	7.7	12.45	10.85	7.00	6.40	3775	3635	3340	3.26	2.30	C26-46	[6] **49L25**
		41,000	12.0	40,500	11.9	26,200	7.7	12.45	10.85	7.00	6.40	3775	3635	3340	3.26	2.30	C33-50/60C	**49L25**
		41,000	12.0	40,500	11.9	26,200	7.7	12.45	10.85	7.00	6.40	3775	3635	3340	3.26	2.30	CX34-50/60C	[5]Factory Installed
		42,500	12.5	39,000	11.4	25,000	7.3	12.75	11.25	6.95	6.30	3780	3505	3240	3.26	2.26	C26-51	[6] **49L25**
	Down-Flow Coils	38,500	11.3	41,500	12.2	27,400	8.0	12.25	10.60	6.95	6.40	3635	3860	3465	3.15	2.32	CR26-36	**49L25**
		40,500	11.9	41,000	12.0	27,000	7.9	12.30	10.85	6.95	6.40	3735	3750	3420	3.20	2.31	CR26-48	**49L25**
		42,000	12.3	40,500	11.9	26,600	7.8	12.75	11.15	7.25	6.60	3775	3550	3270	3.34	2.38	CR26-60	**49L25**
	Horizontal Coils	39,000	11.4	41,000	12.0	27,200	8.0	12.05	10.50	6.80	6.25	3710	3865	3545	3.11	2.25	CH23-41	**49L25**
		39,000	11.4	41,000	12.0	27,200	8.0	12.05	10.50	6.80	6.25	3710	3865	3545	3.11	2.25	CH33-42B-2F	**49L25**
		40,500	11.9	41,500	12.2	27,400	8.0	12.40	10.85	7.00	6.40	3740	3775	3480	3.22	2.31	CH23-51	**49L25**
		40,500	11.9	41,500	12.2	27,400	8.0	12.40	10.85	7.00	6.40	3740	3775	3480	3.22	2.31	CH33-48C-2F	**49L25**
		41,500	12.2	41,500	12.2	27,200	8.0	12.60	11.05	7.40	6.60	3755	3635	3350	3.34	2.38	CH23-65	**49L25**

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.
[1]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[2]Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
[3]Kit is required and must be ordered extra, unless shown as factory installed.
[4]Most popular evaporator coil.
[5]Furnished as standard with coil unit, no changeout required.
[6]Factory installed check/expansion valve on indoor unit MUST be replaced with valve specified.
[7]Canada Only.

ARI RATINGS

Outdoor Unit Model No. / Unit Size / [1]Sound Rating Number		[2]ARI Standard 210/240 Ratings																[3]Expansion Device
		Cooling Capacity		High Temp. Heating Capacity		Low Temp. Heating Capacity		Efficiency				Total Cool. Watts	Total High Htg. Watts	Total Low Htg. Watts	High Htg. COP	Low Htg. COP	Indoor Unit Model No.	
								SEER	EER	HSPF IV	HSPF V							
		Btuh	kW	Btuh	kW	Btuh	kW											
HPXB15-048 4 Ton (74 dB)	**Blower Coil Units**	45,000	13.2	45,500	13.3	29,000	8.5	12.80	11.35	7.05	6.30	3970	4345	3875	3.07	2.19	CB30M-46 (Multi)	[6] **49L25**
		45,000	13.2	45,500	13.3	29,000	8.5	12.80	11.35	7.05	6.30	3970	4345	3875	3.07	2.19	CB30U-41/46 (Up-Flow)	[6] **49L25**
		45,000	13.2	45,500	13.3	29,000	8.5	12.80	11.35	7.05	6.30	3970	4345	3875	3.07	2.19	CBX32M-042 (Multi)	[5]Factory Installed
		45,000	13.2	46,000	13.5	30,000	8.8	12.15	10.75	6.75	6.10	4190	4650	4210	2.90	2.09	CB29M-51 (Multi)	[6] **49L25**
		45,000	13.2	46,000	13.5	30,000	8.8	12.20	10.75	6.75	6.10	4180	4640	4200	2.90	2.09	CB29M-65 (Multi)	[6] **49L25**
		46,500	13.6	44,000	12.9	28,400	8.3	13.05	11.55	7.15	6.45	4030	4140	3730	3.11	2.23	[4]CB30M-51 (Multi)	[6] **49L25**
		46,500	13.6	44,000	12.9	28,400	8.3	13.05	11.55	7.15	6.45	4030	4140	3730	3.11	2.23	CB30U-51 (Up-Flow)	[6] **49L25**
		46,500	13.6	44,000	12.9	28,400	8.3	13.05	11.55	7.15	6.45	4030	4140	3730	3.11	2.23	CBX32M-048 (Multi)	[5]Factory Installed
		48,000	14.1	45,000	13.2	29,000	8.5	13.80	12.10	7.40	6.50	3965	4065	3665	3.24	2.32	CB31MV-51 (Multi)	[6] **49L25**
		48,000	14.1	45,000	13.2	29,000	8.5	13.80	12.10	7.40	6.50	3965	4065	3665	3.24	2.32	CBX32MV-048 (Multi)	[5]Factory Installed
		48,000	14.1	45,000	13.2	29,200	8.6	13.35	11.75	7.20	6.40	4080	4245	3840	3.10	2.23	CB30M-65 (Multi)	[6] **49L25**
		48,000	14.1	45,000	13.2	29,200	8.6	13.35	11.75	7.20	6.40	4080	4245	3840	3.10	2.23	CB30U-65 (Up-Flow)	[6] **49L25**
		48,000	14.1	45,000	13.2	29,200	8.6	13.35	11.75	7.20	6.40	4080	4245	3840	3.10	2.23	CBX32M-060 (Multi)	[5]Factory Installed
		49,000	14.4	45,500	13.3	29,400	8.6	13.70	12.00	7.35	6.55	4080	4140	3780	3.22	2.28	CB31MV-65 (Multi)	[6] **49L25**
		49,000	14.4	45,500	13.3	29,400	8.6	13.70	12.00	7.35	6.55	4080	4140	3780	3.22	2.28	CBX32MV-060 (Multi)	[5]Factory Installed
		43,000	12.6	46,000	13.5	30,400	8.9	11.60	10.25	6.85	6.25	4200	4625	4145	2.91	2.15	[7]CVP10-46/EC10 (Up-Flow)	[6] **49L25**
		44,000	12.9	45,000	13.2	29,000	8.5	11.70	10.40	6.85	6.15	4225	4455	4000	2.96	2.12	[7]CVP10-51/EC10 (Up-Flow)	[6] **49L25**
	Up-Flow Coils	46,000	13.5	45,000	13.2	28,800	8.4	12.50	11.05	6.95	6.25	4155	4325	3920	3.05	2.15	C26-51	[6] **49L25**
		46,000	13.5	45,000	13.2	28,800	8.4	12.50	11.05	6.95	6.25	4155	4325	3920	3.05	2.15	C33-60D	**49L25**
		46,000	13.5	45,000	13.2	28,800	8.4	12.50	11.05	6.95	6.25	4155	4325	3920	3.05	2.15	CX34-60D	[5]Factory Installed
		47,500	13.9	45,000	13.2	28,800	8.4	12.90	11.40	7.05	6.35	4165	4275	3870	3.10	2.18	C26-65EAP	[6] **49L25**
	Down-Flow Coils	44,500	13.0	45,000	13.2	29,400	8.6	12.15	10.75	6.75	6.05	4135	4580	4100	2.88	2.10	CR26-48	**49L25**
		46,500	13.6	45,500	13.3	29,400	8.6	12.60	11.20	7.05	6.30	4155	4360	3930	3.06	2.19	CR26-60	**49L25**
	Horizontal Coils	45,000	13.2	46,500	13.6	30,200	8.9	12.25	10.85	7.00	6.30	4140	4495	4070	3.03	2.17	CH33-44B-2F	**49L25**
		45,000	13.2	46,500	13.6	30,200	8.9	12.25	10.85	7.00	6.30	4140	4495	4070	3.03	2.17	CH33-50C-2F	**49L25**
		45,000	13.2	46,500	13.6	30,200	8.9	12.25	10.85	7.00	6.30	4140	4495	4070	3.03	2.17	CH23-65	**49L25**
		47,500	13.9	45,500	13.3	27,600	8.1	13.00	11.50	7.00	6.09	4140	4230	3810	3.16	2.12	CH23-68	**49L25**
HPXB15-060 5 Ton (74 dB)	**Blower Coil Units**	54,000	15.8	55,500	16.1	35,200	10.3	12.20	10.20	7.20	6.45	5300	5295	4545	3.07	2.27	CB31MV-51 (Multi)	[6] **49L25**
		54,000	15.8	55,500	16.1	35,200	10.3	12.20	10.20	7.20	6.45	5300	5295	4545	3.07	2.27	CBX32MV-048 (Multi)	[5]Factory Installed
		54,500	16.0	56,500	16.6	36,200	10.6	12.50	10.40	7.10	6.35	5235	5370	4690	3.08	2.26	CB31MV-65 (Multi)	[6] **49L25**
		54,500	16.0	56,500	16.6	36,200	10.6	12.50	10.40	7.10	6.35	5235	5370	4690	3.08	2.26	CBX32MV-060 (Multi)	[5]Factory Installed
		54,500	16.0	57,500	16.9	36,000	10.8	12.00	10.10	7.15	6.70	5405	5380	4615	3.13	2.28	CB30M-51 (Multi)	[6] **49L25**
		54,500	16.0	57,500	16.9	36,000	10.8	12.00	10.10	7.15	6.70	5405	5380	4615	3.13	2.28	CB30U-51 (Up-Flow)	[6] **49L25**
		54,500	16.0	57,500	16.9	36,000	10.8	12.00	10.10	7.15	6.70	5405	5380	4615	3.13	2.28	CBX32M-048 (Multi)	[5]Factory Installed
		56,000	16.4	57,500	16.9	36,800	10.8	12.00	10.00	7.25	6.45	5590	5460	4800	3.08	2.25	[4]CB30M-65 (Multi)	[6] **49L25**
		56,000	16.4	57,500	16.9	36,800	10.8	12.00	10.00	7.25	6.45	5590	5460	4800	3.08	2.25	CB30U-65 (Up-Flow)	[6] **49L25**
		56,000	16.4	57,500	16.9	36,800	10.8	12.00	10.00	7.25	6.45	5590	5460	4800	3.08	2.25	CBX32M-060 (Multi)	[5]Factory Installed
		51,000	15.0	56,500	16.6	36,600	10.7	11.00	9.15	7.10	6.40	5575	5545	4825	2.98	2.22	[7]CVP10-51/EC10 (Up-Flow)	[6] **49L25**
		55,000	16.1	57,000	16.7	36,000	10.5	11.40	9.60	7.05	6.25	5735	5545	4870	3.01	2.16	[7]CVP10-65/EC10 (Up-Flow)	[6] **49L25**
	Up-Flow Coils	56,000	16.4	57,000	16.7	36,600	10.7	12.00	10.00	7.30	6.50	5605	5395	4735	3.09	2.26	C26-65EAP	[6] **49L25**
		56,000	16.4	57,000	16.7	36,600	10.7	12.00	10.00	7.30	6.50	5605	5395	4735	3.09	2.26	C33-62D	**49L25**
		56,000	16.4	57,000	16.7	36,600	10.7	12.00	10.00	7.30	6.50	5605	5395	4735	3.09	2.26	CX34-62D	[5]Factory Installed
	Down-Flow Coils	52,000	15.2	57,000	16.7	36,600	10.7	11.40	9.55	7.10	6.35	5455	5595	4875	2.98	2.20	CR26-60	**49L25**
	Horizontal Coils	54,500	16.0	57,000	16.7	37,000	10.8	12.00	9.90	7.25	6.45	5495	5355	4680	3.12	2.32	CH33-62D-2F	**49L25**
		54,500	16.0	57,000	16.7	37,000	10.8	12.00	9.90	7.25	6.45	5495	5355	4680	3.12	2.32	CH23-68	**49L25**

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.
[1]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[2]Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
[3]Kit is required and must be ordered extra, unless shown as factory installed.
[4]Most popular evaporator coil.
[5]Furnished as standard with coil unit, no changeout required.
[6]Factory installed check/expansion valve on indoor unit MUST be replaced with valve specified.
[7]Canada Only.

RATINGS

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

HPXB15-024 — CB29M-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.4	6.9	1.80	.69	.82	.93	22.3	6.5	2.04	.70	.84	.96	21.0	6.2	2.30	.71	.86	.98	19.7	5.8	2.61	.73	.89	1.00
	800	380	24.5	7.2	1.81	.74	.90	1.00	23.3	6.8	2.05	.76	.92	1.00	22.1	6.5	2.31	.79	.94	1.00	20.7	6.1	2.62	.81	.97	1.00
	1000	470	25.4	7.4	1.82	.81	.96	1.00	24.2	7.1	2.05	.82	.98	1.00	22.9	6.7	2.32	.85	1.00	1.00	21.6	6.3	2.64	.88	1.00	1.00
67°F (19°C)	600	285	24.9	7.3	1.81	.55	.66	.78	23.7	6.9	2.05	.55	.68	.80	22.4	6.6	2.31	.56	.69	.83	20.9	6.1	2.63	.57	.71	.85
	800	380	26.0	7.6	1.82	.58	.72	.87	24.7	7.2	2.06	.59	.74	.89	23.2	6.8	2.33	.60	.77	.92	21.7	6.4	2.64	.62	.79	.95
	1000	470	26.6	7.8	1.83	.61	.78	.94	25.3	7.4	2.06	.63	.81	.96	23.8	7.0	2.33	.64	.83	.98	22.2	6.5	2.64	.66	.87	1.00
71°F (22°C)	600	285	26.6	7.8	1.83	.41	.53	.64	25.3	7.4	2.06	.42	.53	.65	23.9	7.0	2.33	.42	.54	.66	22.3	6.5	2.65	.42	.56	.69
	800	380	27.6	8.1	1.84	.42	.56	.70	26.2	7.7	2.07	.43	.58	.72	24.7	7.2	2.34	.43	.59	.74	23.1	6.8	2.65	.44	.61	.77
	1000	470	28.3	8.3	1.84	.44	.60	.76	26.8	7.9	2.08	.44	.61	.78	25.3	7.4	2.35	.45	.63	.81	23.6	6.9	2.66	.46	.65	.84

HPXB15-024 — CB29M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.5	7.2	1.81	.70	.82	.94	23.3	6.8	2.05	.71	.85	.96	22.0	6.4	2.32	.73	.86	.98	20.5	6.0	2.63	.75	.90	1.00
	800	380	25.7	7.5	1.82	.76	.91	1.00	24.5	7.2	2.06	.77	.92	1.00	23.1	6.8	2.33	.80	.95	1.00	21.6	6.3	2.64	.82	.98	1.00
	1000	470	26.7	7.8	1.83	.81	.97	1.00	25.4	7.4	2.07	.84	.98	1.00	24.0	7.0	2.33	.86	1.00	1.00	22.6	6.6	2.65	.89	1.00	1.00
67°F (19°C)	600	285	26.2	7.7	1.83	.55	.67	.79	24.9	7.3	2.06	.56	.69	.81	23.4	6.9	2.33	.57	.70	.83	21.9	6.4	2.64	.58	.72	.86
	800	380	27.3	8.0	1.83	.59	.73	.87	25.9	7.6	2.07	.59	.75	.90	24.3	7.1	2.34	.61	.77	.92	22.7	6.7	2.65	.63	.80	.95
	1000	470	28.0	8.2	1.84	.62	.79	.94	26.5	7.8	2.08	.63	.82	.97	25.0	7.3	2.35	.65	.84	.98	23.2	6.8	2.66	.68	.88	1.00
71°F (22°C)	600	285	27.9	8.2	1.84	.42	.53	.65	26.5	7.8	2.07	.43	.54	.66	25.0	7.3	2.35	.43	.55	.68	23.3	6.8	2.67	.43	.57	.70
	800	380	29.0	8.5	1.85	.43	.57	.71	27.5	8.1	2.09	.44	.58	.73	25.9	7.6	2.36	.44	.60	.75	24.1	7.1	2.67	.45	.61	.78
	1000	470	29.7	8.7	1.86	.45	.61	.77	28.2	8.3	2.09	.45	.62	.79	26.5	7.8	2.36	.46	.64	.82	24.6	7.2	2.68	.47	.67	.85

HPXB15-024 -CB29M-21/26 - HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.4	8.9	2.34	24.7	7.2	2.18	19.0	5.6	2.02	13.0	3.8	1.79	6.6	1.9	1.37
800	380	30.4	8.9	2.08	24.7	7.2	1.92	19.0	5.6	1.77	13.0	3.8	1.53	6.6	1.9	1.12
1000	470	31.5	9.2	2.03	25.8	7.6	1.87	20.1	5.9	1.72	14.1	4.1	1.48	7.7	2.3	1.07

HPXB15-024 - CB29M-31 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	29.6	8.7	2.02	24.0	7.0	2.18	18.5	5.4	2.32	12.7	3.7	2.36	6.4	1.9	1.74
800	380	29.7	8.7	1.74	24.1	7.1	1.90	18.6	5.5	2.04	12.8	3.8	2.08	6.5	1.9	1.46
1000	470	30.6	9.0	1.74	25.0	7.3	1.90	19.5	5.7	2.04	13.7	4.0	2.08	7.4	2.2	1.46

HPXB15-024 - CB29M-21/26 - HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.08	30.4	8.9
60	16	2.04	29.0	8.5
55	13	2.00	27.5	8.1
50	10	1.96	26.1	7.6
47	8	1.94	25.2	7.4
45	7	1.92	24.7	7.2
40	4	1.89	23.3	6.8
35	2	1.86	22.0	6.4
30	-1	1.81	20.5	6.0
25	-4	1.77	19.0	5.6
20	-7	1.72	17.5	5.1
17	-8	1.69	16.6	4.9
15	-9	1.67	16.0	4.7
10	-12	1.63	14.6	4.3
5	-15	1.53	13.0	3.8
0	-18	1.43	11.4	3.3
-5	-21	1.32	9.8	2.9
-10	-23	1.22	8.2	2.4
-15	-26	1.12	6.6	1.9
-20	-29	1.02	5.0	1.5

HPXB15-024 - CB29M-31 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.74	29.7	8.7
60	16	1.78	28.3	8.3
55	13	1.83	26.9	7.9
50	10	1.87	25.5	7.5
47	8	1.90	24.7	7.2
45	7	1.90	24.1	7.1
40	4	1.88	22.8	6.7
35	2	1.87	21.5	6.3
30	-1	1.95	20.1	5.9
25	-4	2.04	18.6	5.5
20	-7	2.12	17.2	5.0
17	-8	2.17	16.3	4.8
15	-9	2.19	15.7	4.6
10	-12	2.23	14.4	4.2
5	-15	2.08	12.8	3.8
0	-18	1.92	11.2	3.3
-5	-21	1.77	9.6	2.8
-10	-23	1.61	8.0	2.3
-15	-26	1.46	6.5	1.9
-20	-29	1.30	4.9	1.4

RATINGS

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

HPXB15-024 — CB29M-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.6	7.2	1.82	.66	.80	.93	23.4	6.9	2.05	.68	.81	.95	22.1	6.5	2.32	.69	.84	.98	20.6	6.0	2.63	.71	.87	1.00
	800	380	25.9	7.6	1.83	.72	.89	1.00	24.6	7.2	2.06	.74	.91	1.00	23.2	6.8	2.33	.77	.94	1.00	21.7	6.4	2.65	.80	.97	1.00
	1000	470	26.8	7.9	1.83	.78	.96	1.00	25.6	7.5	2.07	.81	.99	1.00	24.2	7.1	2.34	.84	1.00	1.00	22.7	6.7	2.66	.88	1.00	1.00
67°F (19°C)	600	285	26.3	7.7	1.83	.52	.64	.76	25.0	7.3	2.07	.53	.65	.78	23.5	6.9	2.34	.54	.67	.80	22.0	6.4	2.65	.55	.69	.83
	800	380	27.4	8.0	1.84	.56	.70	.85	26.0	7.6	2.08	.57	.72	.88	24.5	7.2	2.35	.58	.74	.91	22.8	6.7	2.67	.60	.77	.95
	1000	470	28.2	8.3	1.85	.59	.76	.94	26.7	7.8	2.09	.60	.79	.96	25.1	7.4	2.36	.62	.82	.99	23.4	6.9	2.67	.64	.85	1.00
71°F (22°C)	600	285	28.1	8.2	1.84	.40	.51	.61	26.7	7.8	2.08	.40	.51	.63	25.1	7.4	2.36	.40	.52	.64	23.5	6.9	2.67	.41	.53	.66
	800	380	29.2	8.6	1.86	.41	.54	.67	27.7	8.1	2.09	.41	.55	.69	26.1	7.6	2.37	.42	.57	.71	24.3	7.1	2.69	.43	.58	.75
	1000	470	30.0	8.8	1.87	.42	.58	.74	28.4	8.3	2.10	.43	.60	.76	26.7	7.8	2.38	.43	.61	.79	24.8	7.3	2.69	.44	.63	.83

HPXB15-024 — CB30M-21/26 — CB30U-21/26 - CBX32M-018/024 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.9	7.3	1.82	.69	.81	.93	23.7	6.9	2.06	.70	.83	.95	22.4	6.6	2.32	.71	.85	.97	21.0	6.2	2.64	.73	.88	1.00
	800	380	26.3	7.7	1.83	.74	.89	1.00	25.0	7.3	2.07	.76	.91	1.00	23.6	6.9	2.34	.78	.94	1.00	22.1	6.5	2.65	.81	.97	1.00
	1000	470	27.3	8.0	1.84	.80	.96	1.00	25.9	7.6	2.07	.83	.98	1.00	24.6	7.2	2.35	.85	1.00	1.00	23.2	6.8	2.66	.88	1.00	1.00
67°F (19°C)	600	285	26.7	7.8	1.83	.55	.66	.77	25.4	7.4	2.07	.55	.67	.79	24.0	7.0	2.34	.56	.68	.82	22.4	6.6	2.65	.57	.71	.84
	800	380	27.9	8.2	1.84	.57	.72	.86	26.5	7.8	2.08	.59	.74	.88	25.0	7.3	2.36	.60	.76	.91	23.3	6.8	2.67	.61	.78	.94
	1000	470	28.7	8.4	1.85	.61	.78	.94	27.2	8.0	2.09	.62	.80	.96	25.6	7.5	2.36	.64	.83	.98	23.9	7.0	2.68	.66	.86	1.00
71°F (22°C)	600	285	28.5	8.4	1.85	.42	.52	.63	27.1	7.9	2.09	.42	.53	.64	25.6	7.5	2.36	.42	.54	.66	24.0	7.0	2.68	.42	.55	.68
	800	380	29.8	8.7	1.86	.43	.56	.69	28.3	8.3	2.10	.43	.57	.71	26.6	7.8	2.38	.44	.58	.73	24.9	7.3	2.69	.44	.60	.76
	1000	470	30.5	8.9	1.87	.44	.60	.75	29.0	8.5	2.11	.44	.61	.78	27.3	8.0	2.38	.45	.63	.81	25.4	7.4	2.70	.46	.65	.84

HPXB15-024 - CB29M-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	29.7	8.7	2.22	24.0	7.0	2.06	18.2	5.3	1.90	12.2	3.6	1.66	6.0	1.7	1.25
800	380	30.2	8.9	2.08	24.5	7.2	1.92	18.7	5.5	1.76	12.7	3.7	1.52	6.5	1.9	1.11
1000	470	31.3	9.2	1.99	25.6	7.5	1.83	19.8	5.8	1.67	13.8	4.0	1.44	7.6	2.2	1.03

HPXB15-024 - CB30M-21/26 — CB30U-21/26 - CBX32M-018/024 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.2	8.9	2.17	24.8	7.3	2.07	19.4	5.7	1.96	13.6	4.0	1.77	7.2	2.1	1.36
800	380	29.5	8.6	1.90	24.1	7.1	1.80	18.7	5.5	1.70	12.9	3.8	1.51	6.5	1.9	1.09
1000	470	31.2	9.1	1.88	25.8	7.6	1.78	20.4	6.0	1.67	14.6	4.3	1.48	8.2	2.4	1.07

HPXB15-024 - CB29M-41 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.08	30.2	8.9
60	16	2.04	28.8	8.4
55	13	2.00	27.3	8.0
50	10	1.96	25.9	7.6
47	8	1.93	25.0	7.3
45	7	1.92	24.5	7.2
40	4	1.89	23.1	6.8
35	2	1.85	21.7	6.4
30	-1	1.81	20.2	5.9
25	-4	1.76	18.7	5.5
20	-7	1.71	17.2	5.0
17	-8	1.68	16.3	4.8
15	-9	1.67	15.8	4.6
10	-12	1.63	14.3	4.2
5	-15	1.52	12.7	3.7
0	-18	1.42	11.2	3.3
-5	-21	1.32	9.6	2.8
-10	-23	1.22	8.0	2.3
-15	-26	1.11	6.5	1.9
-20	-29	1.01	4.9	1.4

HPXB15-024 - CB30U/M-21/26 - CBX32M-018/024 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.90	29.5	8.6
60	16	1.88	28.1	8.2
55	13	1.85	26.8	7.9
50	10	1.82	25.4	7.4
47	8	1.81	24.6	7.2
45	7	1.80	24.1	7.1
40	4	1.78	22.8	6.7
35	2	1.76	21.5	6.3
30	-1	1.73	20.1	5.9
25	-4	1.70	18.7	5.5
20	-7	1.67	17.3	5.1
17	-8	1.65	16.4	4.8
15	-9	1.64	15.9	4.7
10	-12	1.61	14.5	4.2
5	-15	1.51	12.9	3.8
0	-18	1.40	11.3	3.3
-5	-21	1.30	9.7	2.8
-10	-23	1.20	8.1	2.4
-15	-26	1.09	6.5	1.9
-20	-29	.99	4.9	1.4

RATINGS

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

HPXB15-024 — CB30M-31 — CB30U-31 - CBX32M-030 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.4	7.4	1.85	.68	.81	.93	24.2	7.1	2.09	.69	.82	.94	22.9	6.7	2.36	.71	.84	.97	21.4	6.3	2.68	.73	.87	1.00
	800	380	26.8	7.9	1.86	.74	.89	1.00	25.5	7.5	2.10	.76	.91	1.00	24.0	7.0	2.38	.78	.94	1.00	22.5	6.6	2.70	.80	.97	1.00
	1000	470	27.8	8.1	1.87	.80	.97	1.00	26.5	7.8	2.11	.82	.99	1.00	25.1	7.4	2.39	.85	1.00	1.00	23.7	6.9	2.71	.88	1.00	1.00
67°F (19°C)	600	285	27.2	8.0	1.87	.54	.66	.77	25.9	7.6	2.10	.55	.67	.79	24.5	7.2	2.38	.55	.68	.81	22.9	6.7	2.71	.56	.70	.84
	800	380	28.5	8.4	1.88	.57	.72	.86	27.1	7.9	2.12	.58	.73	.88	25.5	7.5	2.40	.59	.75	.91	23.8	7.0	2.72	.61	.78	.94
	1000	470	29.4	8.6	1.89	.61	.78	.93	27.9	8.2	2.13	.62	.80	.96	26.2	7.7	2.41	.64	.83	.98	24.5	7.2	2.73	.66	.86	1.00
71°F (22°C)	600	285	29.1	8.5	1.89	.42	.52	.63	27.7	8.1	2.12	.42	.53	.64	26.2	7.7	2.40	.42	.53	.65	24.5	7.2	2.73	.42	.55	.67
	800	380	30.5	8.9	1.90	.42	.56	.69	28.9	8.5	2.14	.43	.57	.71	27.2	8.0	2.42	.43	.58	.73	25.5	7.5	2.75	.44	.59	.75
	1000	470	31.3	9.2	1.91	.44	.59	.75	29.7	8.7	2.15	.44	.61	.77	27.9	8.2	2.43	.45	.62	.80	26.1	7.6	2.76	.46	.65	.84

HPXB15-024 — CVP10-26/EC10Q3 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.0	7.0	1.81	.68	.81	.93	22.8	6.7	2.04	.69	.82	.95	21.5	6.3	2.31	.70	.85	.97	20.1	5.9	2.62	.73	.88	1.00
	800	380	25.3	7.4	1.82	.74	.89	1.00	24.0	7.0	2.05	.75	.92	1.00	22.7	6.7	2.32	.78	.94	1.00	21.2	6.2	2.63	.81	.97	1.00
	1000	470	26.3	7.7	1.83	.80	.96	1.00	25.0	7.3	2.06	.82	.99	1.00	23.7	6.9	2.33	.85	1.00	1.00	22.2	6.5	2.65	.88	1.00	1.00
67°F (19°C)	600	285	25.7	7.5	1.82	.54	.65	.77	24.4	7.2	2.06	.54	.66	.79	23.0	6.7	2.33	.55	.68	.81	21.4	6.3	2.64	.56	.70	.84
	800	380	26.9	7.9	1.83	.57	.71	.86	25.5	7.5	2.07	.58	.73	.88	24.0	7.0	2.34	.59	.75	.91	22.3	6.5	2.65	.61	.78	.94
	1000	470	27.7	8.1	1.84	.60	.77	.93	26.2	7.7	2.08	.62	.80	.96	24.6	7.2	2.35	.64	.83	.99	22.9	6.7	2.66	.65	.86	1.00
71°F (22°C)	600	285	27.4	8.0	1.84	.41	.52	.63	26.1	7.6	2.07	.41	.53	.64	24.6	7.2	2.34	.42	.54	.65	22.9	6.7	2.66	.42	.55	.68
	800	380	28.6	8.4	1.85	.42	.56	.69	27.2	8.0	2.08	.42	.56	.70	25.6	7.5	2.35	.43	.58	.73	23.8	7.0	2.67	.43	.59	.76
	1000	470	29.4	8.6	1.86	.43	.59	.75	27.9	8.2	2.09	.44	.60	.78	26.1	7.6	2.37	.45	.62	.81	24.3	7.1	2.68	.45	.65	.84

HPXB15-024 - CB30M-31 — CB30U-31 - CBX32M-030 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	29.7	8.7	2.11	24.1	7.1	1.98	18.4	5.4	1.86	12.5	3.7	1.66	6.5	1.9	1.27
800	380	29.5	8.6	1.87	23.9	7.0	1.75	18.2	5.3	1.63	12.3	3.6	1.43	6.3	1.8	1.04
1000	470	30.7	9.0	1.83	25.1	7.4	1.71	19.4	5.7	1.59	13.5	4.0	1.39	7.5	2.2	1.00

HPXB15-024 - CVP10-26/EC10Q3 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.1	8.8	2.17	24.4	7.2	2.03	18.7	5.5	1.89	12.7	3.7	1.68	6.5	1.9	1.29
800	380	30.1	8.8	1.94	24.4	7.2	1.80	18.7	5.5	1.66	12.7	3.7	1.45	6.5	1.9	1.06
1000	470	31.1	9.1	1.89	25.4	7.4	1.75	19.7	5.8	1.61	13.7	4.0	1.40	7.5	2.2	1.01

HPXB15-024 - CB30M-31 - CB30U-31 - CBX32M-030 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.87	29.5	8.6
60	16	1.84	28.1	8.2
55	13	1.81	26.7	7.8
50	10	1.78	25.3	7.4
47	8	1.76	24.4	7.2
45	7	1.75	23.9	7.0
40	4	1.72	22.5	6.6
35	2	1.70	21.2	6.2
30	-1	1.66	19.7	5.8
25	-4	1.63	18.2	5.3
20	-7	1.59	16.8	4.9
17	-8	1.57	15.9	4.7
15	-9	1.55	15.3	4.5
10	-12	1.52	13.9	4.1
5	-15	1.43	12.3	3.6
0	-18	1.33	10.8	3.2
-5	-21	1.23	9.3	2.7
-10	-23	1.13	7.8	2.3
-15	-26	1.04	6.3	1.8
-20	-29	.94	4.8	1.4

HPXB15-024 - CVP10-26/EC10Q3 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.94	30.1	8.8
60	16	1.90	28.7	8.4
55	13	1.87	27.3	8.0
50	10	1.83	25.8	7.6
47	8	1.81	25.0	7.3
45	7	1.80	24.4	7.2
40	4	1.77	23.1	6.8
35	2	1.74	21.7	6.4
30	-1	1.70	20.2	5.9
25	-4	1.66	18.7	5.5
20	-7	1.62	17.2	5.0
17	-8	1.60	16.3	4.8
15	-9	1.59	15.7	4.6
10	-12	1.55	14.3	4.2
5	-15	1.45	12.7	3.7
0	-18	1.35	11.2	3.3
-5	-21	1.26	9.6	2.8
-10	-23	1.16	8.0	2.3
-15	-26	1.06	6.5	1.9
-20	-29	.96	4.9	1.4

RATINGS

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

HPXB15-024 — C26-21 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.7	6.9	1.82	.69	.81	.93	22.6	6.6	2.05	.70	.83	.95	21.4	6.3	2.32	.72	.85	.98	20.1	5.9	2.63	.74	.88	.99
	800	380	24.9	7.3	1.83	.75	.90	1.00	23.7	6.9	2.06	.76	.92	1.00	22.4	6.6	2.33	.78	.94	1.00	21.1	6.2	2.64	.81	.97	1.00
	1000	470	25.8	7.6	1.83	.81	.96	1.00	24.6	7.2	2.07	.83	.98	1.00	23.3	6.8	2.34	.85	1.00	1.00	22.0	6.4	2.66	.88	1.00	1.00
67°F (19°C)	600	285	25.2	7.4	1.83	.55	.66	.78	24.0	7.0	2.06	.55	.68	.80	22.7	6.7	2.33	.56	.69	.82	21.3	6.2	2.65	.57	.71	.85
	800	380	26.3	7.7	1.84	.58	.72	.87	25.0	7.3	2.07	.59	.74	.89	23.6	6.9	2.35	.60	.76	.91	22.1	6.5	2.66	.62	.79	.94
	1000	470	27.0	7.9	1.84	.61	.79	.94	25.7	7.5	2.08	.63	.80	.96	24.2	7.1	2.35	.64	.83	.98	22.7	6.7	2.67	.66	.86	1.00
71°F (22°C)	600	285	26.9	7.9	1.84	.42	.53	.64	25.6	7.5	2.08	.42	.53	.65	24.3	7.1	2.35	.42	.54	.66	22.7	6.7	2.67	.43	.56	.69
	800	380	28.0	8.2	1.85	.43	.56	.70	26.6	7.8	2.09	.43	.57	.72	25.1	7.4	2.36	.44	.59	.74	23.5	6.9	2.68	.44	.60	.76
	1000	470	28.6	8.4	1.86	.44	.60	.76	27.2	8.0	2.10	.45	.62	.79	25.7	7.5	2.37	.45	.63	.81	24.0	7.0	2.69	.46	.65	.84

HPXB15-024 — C26-26 - C33-30A/B - CX34-30A/B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.2	7.1	1.81	.69	.82	.94	23.0	6.7	2.05	.71	.84	.95	21.7	6.4	2.31	.72	.86	.98	20.3	5.9	2.62	.74	.89	1.00
	800	380	25.5	7.5	1.82	.75	.90	1.00	24.2	7.1	2.06	.76	.93	1.00	22.8	6.7	2.33	.79	.95	1.00	21.3	6.2	2.64	.82	.98	1.00
	1000	470	26.4	7.7	1.83	.81	.97	1.00	25.1	7.4	2.06	.83	.99	1.00	23.8	7.0	2.33	.86	1.00	1.00	22.3	6.5	2.65	.90	1.00	1.00
67°F (19°C)	600	285	25.8	7.6	1.82	.55	.66	.78	24.5	7.2	2.06	.55	.68	.80	23.1	6.8	2.33	.56	.69	.82	21.6	6.3	2.64	.57	.71	.85
	800	380	26.9	7.9	1.84	.58	.73	.87	25.6	7.5	2.07	.59	.74	.89	24.0	7.0	2.34	.60	.77	.92	22.4	6.6	2.66	.62	.79	.95
	1000	470	27.7	8.1	1.84	.62	.79	.95	26.2	7.7	2.08	.63	.81	.97	24.7	7.2	2.35	.64	.84	.99	22.9	6.7	2.67	.67	.88	1.00
71°F (22°C)	600	285	27.5	8.1	1.84	.42	.53	.64	26.2	7.7	2.08	.42	.53	.65	24.7	7.2	2.35	.42	.54	.67	23.0	6.7	2.66	.42	.56	.69
	800	380	28.7	8.4	1.85	.43	.56	.70	27.2	8.0	2.09	.43	.58	.72	25.6	7.5	2.36	.43	.59	.74	23.8	7.0	2.68	.44	.61	.78
	1000	470	29.4	8.6	1.86	.44	.60	.77	27.9	8.2	2.09	.44	.62	.79	26.1	7.6	2.37	.45	.64	.82	24.3	7.1	2.68	.46	.66	.85

HPXB15-024 - C26-21 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	31.1	9.1	2.37	25.2	7.4	2.19	19.3	5.7	2.02	13.1	3.8	1.78	6.8	2.0	1.37
800	380	30.9	9.1	2.11	25.0	7.3	1.93	19.1	5.6	1.76	12.9	3.8	1.52	6.6	1.9	1.11
1000	470	32.1	9.4	2.06	26.2	7.7	1.88	20.3	5.9	1.71	14.1	4.1	1.47	7.8	2.3	1.06

HPXB15-024 - C26-26 - C33-30A/B - CX34-30A/B HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.7	9.0	2.27	24.9	7.3	2.12	19.1	5.6	1.96	13.0	3.8	1.74	6.7	2.0	1.33
800	380	30.5	8.9	2.03	24.7	7.2	1.87	18.9	5.5	1.72	12.8	3.8	1.49	6.5	1.9	1.09
1000	470	30.7	9.0	2.27	24.9	7.3	2.12	19.1	5.6	1.96	13.0	3.8	1.74	6.7	2.0	1.33

HPXB15-024 - C26-21 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.11	30.9	9.1
60	16	2.06	29.4	8.6
55	13	2.02	27.9	8.2
50	10	1.97	26.4	7.7
47	8	1.95	25.5	7.5
45	7	1.93	25.0	7.3
40	4	1.90	23.6	6.9
35	2	1.86	22.2	6.5
30	-1	1.81	20.6	6.0
25	-4	1.76	19.1	5.6
20	-7	1.71	17.5	5.1
17	-8	1.68	16.6	4.9
15	-9	1.66	16.0	4.7
10	-12	1.62	14.5	4.2
5	-15	1.52	12.9	3.8
0	-18	1.42	11.3	3.3
-5	-21	1.31	9.8	2.9
-10	-23	1.21	8.2	2.4
-15	-26	1.11	6.6	1.9
-20	-29	1.01	5.0	1.5

HPXB15-024 - C26-26 - C33-30A/B - CX34-30A/B HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.03	30.5	8.9
60	16	1.99	29.0	8.5
55	13	1.95	27.6	8.1
50	10	1.91	26.1	7.6
47	8	1.89	25.2	7.4
45	7	1.87	24.7	7.2
40	4	1.84	23.3	6.8
35	2	1.81	21.9	6.4
30	-1	1.77	20.4	6.0
25	-4	1.72	18.9	5.5
20	-7	1.67	17.4	5.1
17	-8	1.65	16.5	4.8
15	-9	1.63	15.9	4.7
10	-12	1.59	14.4	4.2
5	-15	1.49	12.8	3.8
0	-18	1.39	11.3	3.3
-5	-21	1.29	9.7	2.8
-10	-23	1.19	8.1	2.4
-15	-26	1.09	6.5	1.9
-20	-29	.99	4.9	1.4

RATINGS

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

HPXB15-024 — C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.3	7.4	1.83	.68	.81	.92	24.1	7.1	2.07	.69	.82	.95	22.8	6.7	2.34	.70	.85	.97	21.3	6.2	2.66	.73	.87	1.00
	800	380	26.7	7.8	1.85	.74	.89	1.00	25.4	7.4	2.08	.76	.91	1.00	24.0	7.0	2.36	.77	.94	1.00	22.4	6.6	2.67	.80	.98	1.00
	1000	470	27.8	8.1	1.85	.80	.96	1.00	26.4	7.7	2.09	.82	.98	1.00	25.0	7.3	2.37	.85	1.00	1.00	23.6	6.9	2.68	.88	1.00	1.00
67°F (19°C)	600	285	27.1	7.9	1.85	.54	.65	.77	25.8	7.6	2.09	.55	.66	.79	24.3	7.1	2.36	.55	.68	.81	22.7	6.7	2.68	.57	.70	.84
	800	380	28.4	8.3	1.86	.57	.71	.85	27.0	7.9	2.10	.58	.73	.88	25.4	7.4	2.37	.59	.75	.91	23.7	6.9	2.69	.61	.78	.94
	1000	470	29.3	8.6	1.87	.61	.77	.93	27.7	8.1	2.11	.62	.80	.96	26.1	7.6	2.38	.63	.82	.99	24.3	7.1	2.70	.66	.86	1.00
71°F (22°C)	600	285	29.0	8.5	1.87	.41	.52	.63	27.6	8.1	2.10	.42	.53	.64	26.1	7.6	2.38	.42	.53	.65	24.4	7.2	2.70	.42	.55	.67
	800	380	30.3	8.9	1.88	.42	.56	.69	28.8	8.4	2.12	.43	.56	.70	27.1	7.9	2.39	.43	.58	.73	25.3	7.4	2.71	.44	.60	.75
	1000	470	31.2	9.1	1.89	.43	.59	.75	29.5	8.6	2.13	.44	.61	.77	27.8	8.1	2.40	.45	.62	.80	25.9	7.6	2.72	.45	.64	.83

HPXB15-024 — CR26-18 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.5	6.6	1.79	.68	.81	.93	21.4	6.3	2.02	.70	.83	.95	20.2	5.9	2.28	.71	.85	.97	18.9	5.5	2.59	.73	.88	.99
	800	380	23.6	6.9	1.80	.74	.89	1.00	22.4	6.6	2.03	.76	.91	1.00	21.2	6.2	2.30	.78	.94	1.00	19.8	5.8	2.60	.80	.97	1.00
	1000	470	24.4	7.2	1.81	.80	.95	1.00	23.2	6.8	2.04	.81	.97	1.00	22.0	6.4	2.30	.84	.99	1.00	20.6	6.0	2.61	.87	1.00	1.00
67°F (19°C)	600	285	24.0	7.0	1.80	.54	.66	.77	22.8	6.7	2.03	.55	.67	.80	21.6	6.3	2.30	.56	.68	.82	20.1	5.9	2.61	.57	.71	.84
	800	380	25.0	7.3	1.81	.58	.71	.86	23.8	7.0	2.04	.58	.73	.88	22.4	6.6	2.31	.59	.75	.91	20.9	6.1	2.62	.61	.78	.94
	1000	470	25.7	7.5	1.81	.61	.77	.93	24.4	7.2	2.05	.61	.79	.95	22.9	6.7	2.32	.63	.82	.97	21.4	6.3	2.62	.65	.85	1.00
71°F (22°C)	600	285	25.6	7.5	1.81	.42	.52	.63	24.4	7.2	2.05	.42	.53	.65	23.0	6.7	2.31	.42	.54	.66	21.5	6.3	2.63	.42	.55	.68
	800	380	26.7	7.8	1.82	.42	.56	.69	25.3	7.4	2.05	.43	.57	.71	23.8	7.0	2.33	.43	.58	.73	22.2	6.5	2.64	.44	.60	.76
	1000	470	27.3	8.0	1.83	.44	.59	.75	25.9	7.6	2.06	.44	.60	.77	24.4	7.2	2.33	.45	.62	.80	22.7	6.7	2.64	.46	.64	.83

HPXB15-024 - C26-31 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	29.8	8.7	2.12	24.1	7.1	2.00	18.4	5.4	1.87	12.5	3.7	1.67	6.3	1.8	1.28
800	380	29.9	8.8	1.90	24.2	7.1	1.77	18.5	5.4	1.65	12.6	3.7	1.44	6.4	1.9	1.05
1000	470	30.9	9.1	1.85	25.2	7.4	1.73	19.5	5.7	1.60	13.6	4.0	1.40	7.4	2.2	1.01

HPXB15-024 - CR26-18 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.5	8.9	2.43	24.9	7.3	2.27	19.2	5.6	2.11	13.2	3.9	1.87	6.7	2.0	1.44
800	380	30.4	8.9	2.16	24.8	7.3	2.00	19.1	5.6	1.84	13.1	3.8	1.60	6.6	1.9	1.17
1000	470	31.5	9.2	2.10	25.9	7.6	1.94	20.2	5.9	1.78	14.2	4.2	1.54	7.7	2.3	1.11

HPXB15-024 - C26-31 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.90	29.9	8.8
60	16	1.86	28.5	8.4
55	13	1.83	27.1	7.9
50	10	1.80	25.6	7.5
47	8	1.78	24.8	7.3
45	7	1.77	24.2	7.1
40	4	1.75	22.9	6.7
35	2	1.72	21.5	6.3
30	-1	1.68	20.0	5.9
25	-4	1.65	18.5	5.4
20	-7	1.61	17.0	5.0
17	-8	1.59	16.2	4.7
15	-9	1.57	15.6	4.6
10	-12	1.54	14.1	4.1
5	-15	1.44	12.6	3.7
0	-18	1.35	11.0	3.2
-5	-21	1.25	9.5	2.8
-10	-23	1.15	7.9	2.3
-15	-26	1.05	6.4	1.9
-20	-29	.95	4.8	1.4

HPXB15-024 - CR26-18 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.16	30.4	8.9
60	16	2.12	29.0	8.5
55	13	2.08	27.6	8.1
50	10	2.04	26.1	7.6
47	8	2.01	25.3	7.4
45	7	2.00	24.8	7.3
40	4	1.97	23.4	6.9
35	2	1.93	22.1	6.5
30	-1	1.89	20.6	6.0
25	-4	1.84	19.1	5.6
20	-7	1.79	17.6	5.2
17	-8	1.76	16.7	4.9
15	-9	1.74	16.1	4.7
10	-12	1.70	14.7	4.3
5	-15	1.60	13.1	3.8
0	-18	1.49	11.5	3.4
-5	-21	1.38	9.9	2.9
-10	-23	1.27	8.2	2.4
-15	-26	1.17	6.6	1.9
-20	-29	1.06	5.0	1.5

RATINGS

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

HPXB15-024 — CR26-30 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.5	7.2	1.82	.69	.82	.94	23.3	6.8	2.06	.70	.83	.96	22.0	6.4	2.32	.72	.86	.98	20.5	6.0	2.64	.74	.89	1.00
	800	380	25.8	7.6	1.83	.74	.90	1.00	24.5	7.2	2.07	.76	.92	1.00	23.1	6.8	2.34	.79	.95	1.00	21.6	6.3	2.65	.81	.98	1.00
	1000	470	26.8	7.9	1.84	.81	.96	1.00	25.5	7.5	2.07	.83	.98	1.00	24.1	7.1	2.34	.86	1.00	1.00	22.6	6.6	2.66	.89	1.00	1.00
67°F (19°C)	600	285	26.2	7.7	1.83	.55	.66	.78	24.9	7.3	2.07	.55	.67	.80	23.4	6.9	2.34	.56	.69	.82	21.9	6.4	2.65	.57	.71	.85
	800	380	27.4	8.0	1.85	.58	.72	.87	26.0	7.6	2.08	.59	.74	.89	24.4	7.2	2.35	.60	.76	.92	22.7	6.7	2.67	.62	.79	.95
	1000	470	28.2	8.3	1.85	.61	.78	.94	26.7	7.8	2.09	.63	.80	.96	25.0	7.3	2.36	.64	.84	.99	23.3	6.8	2.68	.66	.87	1.00
71°F (22°C)	600	285	28.0	8.2	1.85	.42	.52	.63	26.6	7.8	2.09	.42	.53	.65	25.0	7.3	2.36	.42	.54	.67	23.4	6.9	2.67	.43	.56	.69
	800	380	29.2	8.6	1.86	.43	.56	.69	27.7	8.1	2.10	.43	.57	.71	26.0	7.6	2.37	.44	.59	.74	24.2	7.1	2.69	.44	.61	.77
	1000	470	29.9	8.8	1.87	.44	.60	.76	28.3	8.3	2.11	.45	.62	.78	26.6	7.8	2.38	.45	.63	.81	24.7	7.2	2.70	.46	.65	.85

HPXB15-024 — CH23-21 - CH33-30A-2F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.0	7.0	1.81	.70	.83	.94	22.8	6.7	2.04	.71	.85	.97	21.5	6.3	2.31	.73	.87	.99	20.0	5.9	2.62	.76	.91	1.00
	800	380	25.2	7.4	1.82	.76	.91	1.00	24.0	7.0	2.05	.78	.93	1.00	22.6	6.6	2.32	.80	.96	1.00	21.1	6.2	2.63	.84	.99	1.00
	1000	470	26.2	7.7	1.82	.82	.97	1.00	24.9	7.3	2.06	.84	.99	1.00	23.6	6.9	2.33	.87	1.00	1.00	22.1	6.5	2.64	.91	1.00	1.00
67°F (19°C)	600	285	25.6	7.5	1.82	.55	.68	.80	24.3	7.1	2.05	.56	.69	.82	22.9	6.7	2.32	.57	.71	.84	21.3	6.2	2.64	.59	.73	.87
	800	380	26.7	7.8	1.83	.59	.74	.88	25.3	7.4	2.06	.60	.76	.90	23.8	7.0	2.33	.61	.78	.93	22.1	6.5	2.64	.63	.81	.96
	1000	470	27.4	8.0	1.84	.63	.80	.95	26.0	7.6	2.07	.64	.82	.97	24.4	7.2	2.34	.66	.85	.99	22.7	6.7	2.65	.68	.89	1.00
71°F (22°C)	600	285	27.3	8.0	1.83	.42	.54	.65	25.9	7.6	2.07	.42	.54	.66	24.4	7.2	2.34	.43	.56	.68	22.7	6.7	2.65	.43	.57	.70
	800	380	28.4	8.3	1.84	.43	.57	.71	26.9	7.9	2.08	.44	.59	.74	25.3	7.4	2.35	.44	.60	.76	23.5	6.9	2.66	.45	.62	.79
	1000	470	29.1	8.5	1.85	.45	.62	.78	27.6	8.1	2.08	.45	.63	.80	25.9	7.6	2.35	.46	.65	.83	24.0	7.0	2.67	.47	.68	.87

HPXB15-024 - CR26-30 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	31.1	9.1	2.29	25.1	7.4	2.14	19.2	5.6	1.99	13.0	3.8	1.76	6.6	1.9	1.35
800	380	31.1	9.1	2.04	25.1	7.4	1.89	19.2	5.6	1.74	13.0	3.8	1.51	6.6	1.9	1.10
1000	470	32.1	9.4	1.99	26.1	7.6	1.84	20.2	5.9	1.69	14.0	4.1	1.46	7.6	2.2	1.05

HPXB15-024 - CH23-21 - CH33-30A-2F HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.2	8.9	2.54	23.9	7.0	2.25	17.7	5.2	1.96	11.4	3.3	1.67	5.5	1.6	1.29
800	380	30.9	9.1	2.35	24.6	7.2	2.06	18.4	5.4	1.77	12.1	3.5	1.48	6.2	1.8	1.10
1000	470	31.3	9.2	2.23	25.0	7.3	1.94	18.8	5.5	1.65	12.5	3.7	1.36	6.6	1.9	.98

HPXB15-024 - CR26-30 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.04	31.1	9.1
60	16	2.00	29.6	8.7
55	13	1.96	28.1	8.2
50	10	1.92	26.6	7.8
47	8	1.90	25.7	7.5
45	7	1.89	25.1	7.4
40	4	1.86	23.7	6.9
35	2	1.83	22.3	6.5
30	-1	1.78	20.7	6.1
25	-4	1.74	19.2	5.6
20	-7	1.70	17.6	5.2
17	-8	1.67	16.7	4.9
15	-9	1.65	16.1	4.7
10	-12	1.62	14.6	4.3
5	-15	1.51	13.0	3.8
0	-18	1.41	11.4	3.3
-5	-21	1.31	9.8	2.9
-10	-23	1.21	8.2	2.4
-15	-26	1.10	6.6	1.9
-20	-29	1.00	5.0	1.5

HPXB15-024 - CH23-21 - CH33-30A-2F HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.35	30.9	9.1
60	16	2.28	29.3	8.6
55	13	2.21	27.8	8.1
50	10	2.14	26.2	7.7
47	8	2.10	25.3	7.4
45	7	2.06	24.6	7.2
40	4	1.98	23.1	6.8
35	2	1.89	21.6	6.3
30	-1	1.83	20.0	5.9
25	-4	1.77	18.4	5.4
20	-7	1.71	16.8	4.9
17	-8	1.68	15.8	4.6
15	-9	1.65	15.2	4.5
10	-12	1.58	13.6	4.0
5	-15	1.48	12.1	3.5
0	-18	1.39	10.7	3.1
-5	-21	1.29	9.2	2.7
-10	-23	1.20	7.7	2.3
-15	-26	1.10	6.2	1.8
-20	-29	1.01	4.7	1.4

RATINGS

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

HPXB15-024 — CH23-31 - CH33-36A/B/C-2F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.2	7.1	1.81	.68	.81	.93	23.0	6.7	2.04	.69	.83	.95	21.7	6.4	2.31	.71	.85	.98	20.3	5.9	2.62	.73	.88	1.00
	800	380	25.5	7.5	1.82	.74	.89	1.00	24.2	7.1	2.05	.76	.92	1.00	22.8	6.7	2.32	.78	.95	1.00	21.3	6.2	2.63	.81	.98	1.00
	1000	470	26.4	7.7	1.82	.80	.97	1.00	25.1	7.4	2.06	.82	.99	1.00	23.8	7.0	2.33	.85	1.00	1.00	22.4	6.6	2.65	.88	1.00	1.00
67°F (19°C)	600	285	25.8	7.6	1.82	.54	.66	.77	24.6	7.2	2.05	.55	.67	.79	23.1	6.8	2.32	.56	.68	.82	21.6	6.3	2.64	.56	.70	.84
	800	380	27.0	7.9	1.83	.57	.72	.86	25.6	7.5	2.07	.58	.73	.89	24.1	7.1	2.33	.59	.76	.91	22.4	6.6	2.65	.61	.79	.95
	1000	470	27.7	8.1	1.84	.61	.78	.94	26.3	7.7	2.07	.62	.80	.96	24.7	7.2	2.34	.64	.83	.99	23.0	6.7	2.66	.66	.87	1.00
71°F (22°C)	600	285	27.6	8.1	1.84	.41	.52	.63	26.2	7.7	2.07	.41	.53	.64	24.7	7.2	2.34	.41	.54	.66	23.1	6.8	2.65	.42	.55	.68
	800	380	28.7	8.4	1.85	.42	.56	.69	27.3	8.0	2.08	.43	.57	.71	25.7	7.5	2.35	.43	.58	.73	23.9	7.0	2.67	.44	.60	.77
	1000	470	29.5	8.6	1.85	.44	.59	.76	27.9	8.2	2.09	.44	.61	.78	26.2	7.7	2.36	.45	.63	.81	24.4	7.2	2.68	.46	.65	.84

HPXB15-024 — CH23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.2	7.4	1.85	.67	.80	.92	24.0	7.0	2.08	.69	.82	.94	22.7	6.7	2.35	.70	.84	.97	21.2	6.2	2.67	.72	.87	.99
	800	380	26.6	7.8	1.86	.73	.89	1.00	25.3	7.4	2.10	.75	.91	1.00	23.9	7.0	2.37	.77	.94	1.00	22.4	6.6	2.69	.80	.97	1.00
	1000	470	27.7	8.1	1.87	.80	.96	1.00	26.3	7.7	2.11	.82	.99	1.00	25.0	7.3	2.38	.85	1.00	1.00	23.5	6.9	2.70	.88	1.00	1.00
67°F (19°C)	600	285	26.9	7.9	1.86	.53	.65	.76	25.6	7.5	2.10	.54	.66	.78	24.2	7.1	2.37	.55	.67	.80	22.6	6.6	2.70	.56	.69	.83
	800	380	28.3	8.3	1.87	.57	.71	.85	26.8	7.9	2.11	.58	.72	.88	25.3	7.4	2.39	.59	.75	.90	23.6	6.9	2.71	.60	.77	.94
	1000	470	29.1	8.5	1.88	.60	.77	.94	27.6	8.1	2.12	.62	.79	.96	26.0	7.6	2.40	.63	.82	.99	24.3	7.1	2.72	.65	.85	1.00
71°F (22°C)	600	285	28.8	8.4	1.88	.41	.52	.62	27.4	8.0	2.12	.41	.52	.63	25.9	7.6	2.39	.41	.53	.65	24.2	7.1	2.72	.42	.54	.67
	800	380	30.1	8.8	1.89	.42	.55	.68	28.6	8.4	2.13	.42	.56	.70	27.0	7.9	2.41	.43	.57	.72	25.2	7.4	2.73	.43	.59	.75
	1000	470	31.0	9.1	1.90	.43	.59	.75	29.3	8.6	2.14	.44	.61	.77	27.6	8.1	2.42	.44	.62	.80	25.8	7.6	2.74	.45	.64	.83

HPXB15-024 - CH23-31 - CH33-36A/B/C-2F HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	29.5	8.6	2.30	20.8	6.1	2.16	10.0	2.9	2.02	12.7	3.7	1.80	6.4	1.9	1.37
800	380	29.5	8.6	2.06	20.8	6.1	1.92	10.0	2.9	1.78	12.7	3.7	1.56	6.4	1.9	1.13
1000	470	30.1	8.8	1.95	21.4	6.3	1.81	10.6	3.1	1.67	13.3	3.9	1.45	7.0	2.0	1.03

HPXB15-024 - CH23-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
600	285	30.0	8.8	2.20	24.3	7.1	2.07	18.6	5.5	1.95	12.7	3.7	1.74	6.4	1.9	1.33
800	380	30.0	8.8	1.97	24.3	7.1	1.84	18.6	5.5	1.72	12.7	3.7	1.51	6.4	1.9	1.10
1000	470	31.1	9.1	1.93	25.4	7.4	1.80	19.7	5.8	1.67	13.8	4.0	1.46	7.5	2.2	1.05

HPXB15-024 - CH23-31 - CH33-36A/B/C-2F HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.06	29.5	8.6
60	16	2.02	28.1	8.2
55	13	1.98	26.8	7.9
50	10	1.95	25.4	7.4
47	8	1.93	24.5	7.2
45	7	1.92	20.8	6.1
40	4	1.89	11.5	3.4
35	2	1.86	2.2	.6
30	-1	1.82	6.1	1.8
25	-4	1.78	10.0	2.9
20	-7	1.74	13.9	4.1
17	-8	1.71	16.2	4.7
15	-9	1.70	15.6	4.6
10	-12	1.66	14.2	4.2
5	-15	1.56	12.7	3.7
0	-18	1.45	11.1	3.3
-5	-21	1.35	9.5	2.8
-10	-23	1.24	8.0	2.3
-15	-26	1.13	6.4	1.9
-20	-29	1.03	4.9	1.4

HPXB15-024 - CH23-41 HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.97	30.0	8.8
60	16	1.94	28.5	8.4
55	13	1.91	27.1	7.9
50	10	1.87	25.7	7.5
47	8	1.85	24.8	7.3
45	7	1.84	24.3	7.1
40	4	1.82	22.9	6.7
35	2	1.79	21.6	6.3
30	-1	1.75	20.1	5.9
25	-4	1.72	18.6	5.5
20	-7	1.68	17.1	5.0
17	-8	1.65	16.2	4.7
15	-9	1.64	15.7	4.6
10	-12	1.61	14.2	4.2
5	-15	1.51	12.7	3.7
0	-18	1.40	11.1	3.3
-5	-21	1.30	9.6	2.8
-10	-23	1.20	8.0	2.3
-15	-26	1.10	6.4	1.9
-20	-29	.99	4.9	1.4

RATINGS

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

HPXB15-030 — CB29M-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	28.0	8.2	1.80	.72	.87	.99	26.6	7.8	2.04	.73	.89	1.00	25.2	7.4	2.31	.76	.92	1.00	23.5	6.9	2.62	.78	.95	1.00
	1000	470	29.1	8.5	1.80	.77	.94	1.00	27.7	8.1	2.04	.80	.96	1.00	26.2	7.7	2.31	.82	.99	1.00	24.6	7.2	2.63	.85	1.00	1.00
	1200	565	30.0	8.8	1.81	.83	.99	1.00	28.7	8.4	2.04	.85	1.00	1.00	27.2	8.0	2.32	.88	1.00	1.00	25.6	7.5	2.63	.92	1.00	1.00
67°F (19°C)	800	380	29.8	8.7	1.81	.56	.69	.83	28.3	8.3	2.04	.57	.71	.86	26.7	7.8	2.31	.58	.73	.88	24.9	7.3	2.63	.59	.76	.92
	1000	470	30.7	9.0	1.81	.59	.75	.91	29.1	8.5	2.05	.60	.77	.94	27.4	8.0	2.32	.62	.80	.97	25.5	7.5	2.64	.64	.83	.99
	1200	565	31.3	9.2	1.81	.62	.81	.97	29.7	8.7	2.05	.64	.83	.99	28.0	8.2	2.32	.66	.86	1.00	26.0	7.6	2.64	.68	.90	1.00
71°F (22°C)	800	380	31.8	9.3	1.81	.41	.54	.67	30.2	8.9	2.05	.42	.55	.69	28.5	8.4	2.32	.42	.56	.70	26.6	7.8	2.64	.43	.58	.73
	1000	470	32.7	9.6	1.82	.43	.58	.73	31.0	9.1	2.05	.43	.59	.75	29.2	8.6	2.33	.44	.61	.77	27.2	8.0	2.64	.45	.63	.81
	1200	565	33.3	9.8	1.82	.44	.61	.79	31.6	9.3	2.06	.45	.63	.81	29.6	8.7	2.33	.46	.65	.84	27.6	8.1	2.65	.46	.67	.88

HPXB15-030 — CB30M-21/26 — CB30U-21/26 - CBX32M-018/024 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	28.6	8.4	1.81	.71	.86	.98	27.3	8.0	2.05	.73	.88	1.00	25.8	7.6	2.33	.74	.91	1.00	24.2	7.1	2.64	.77	.94	1.00
	1000	470	29.7	8.7	1.82	.76	.94	1.00	28.3	8.3	2.06	.79	.96	1.00	26.8	7.9	2.33	.81	.98	1.00	25.2	7.4	2.65	.84	1.00	1.00
	1200	565	30.7	9.0	1.82	.82	.99	1.00	29.3	8.6	2.06	.84	1.00	1.00	27.9	8.2	2.33	.87	1.00	1.00	26.3	7.7	2.65	.91	1.00	1.00
67°F (19°C)	800	380	30.5	8.9	1.82	.55	.69	.82	29.0	8.5	2.06	.56	.70	.84	27.4	8.0	2.33	.57	.72	.87	25.6	7.5	2.65	.59	.74	.90
	1000	470	31.4	9.2	1.82	.59	.74	.90	29.9	8.8	2.06	.60	.76	.93	28.2	8.3	2.34	.61	.78	.95	26.3	7.7	2.66	.63	.82	.98
	1200	565	32.1	9.4	1.83	.62	.80	.97	30.5	8.9	2.07	.63	.82	.99	28.8	8.4	2.34	.65	.85	1.00	26.9	7.9	2.66	.67	.88	1.00
71°F (22°C)	800	380	32.6	9.6	1.83	.41	.54	.66	31.0	9.1	2.07	.42	.55	.68	29.3	8.6	2.34	.42	.56	.70	27.4	8.0	2.66	.42	.57	.72
	1000	470	33.5	9.8	1.83	.43	.57	.72	31.9	9.3	2.07	.43	.58	.74	30.1	8.8	2.35	.44	.60	.76	28.0	8.2	2.67	.44	.62	.79
	1200	565	34.2	10.0	1.84	.44	.60	.77	32.4	9.5	2.08	.44	.62	.80	30.6	9.0	2.35	.45	.64	.83	28.5	8.4	2.67	.46	.66	.87

HPXB15-030 - CB29M-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	36.1	10.6	2.55	29.4	8.6	2.42	22.7	6.7	2.31	15.5	4.5	2.03	8.0	2.3	1.56
1000	470	35.9	10.5	2.22	29.2	8.6	2.10	22.5	6.6	1.98	15.3	4.5	1.70	7.8	2.3	1.24
1200	565	37.0	10.8	2.30	30.3	8.9	2.17	23.6	6.9	2.06	16.4	4.8	1.78	8.9	2.6	1.31

HPXB15-030 - CB30M-21/26 —CB30U-21/26 - CBX32M-018/024 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.8	10.5	2.47	28.8	8.4	2.33	21.8	6.4	2.18	14.9	4.4	1.94	7.3	2.1	1.46
1000	470	36.3	10.6	2.32	29.3	8.6	2.17	22.3	6.5	2.03	15.4	4.5	1.79	7.8	2.3	1.30
1200	565	36.6	10.7	2.22	29.6	8.7	2.08	22.6	6.6	1.93	15.7	4.6	1.69	8.1	2.4	1.21

HPXB15-030 - CB29M-41 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.22	35.9	10.5
60	16	2.19	34.2	10.0
55	13	2.15	32.5	9.5
50	10	2.11	30.8	9.0
47	8	2.09	29.8	8.7
45	7	2.10	29.2	8.6
40	4	2.11	27.7	8.1
35	2	2.12	26.1	7.6
30	-1	2.05	24.3	7.1
25	-4	1.98	22.5	6.6
20	-7	1.91	20.7	6.1
17	-8	1.87	19.6	5.7
15	-9	1.86	18.9	5.5
10	-12	1.82	17.2	5.0
5	-15	1.70	15.3	4.5
0	-18	1.59	13.4	3.9
-5	-21	1.47	11.5	3.4
-10	-23	1.36	9.6	2.8
-15	-26	1.24	7.8	2.3
-20	-29	1.12	5.9	1.7

HPXB15-030 - CB30M/U-21/26 - CBX32M-018/024 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.32	36.3	10.6
60	16	2.28	34.6	10.1
55	13	2.24	32.8	9.6
50	10	2.21	31.1	9.1
47	8	2.18	30.1	8.8
45	7	2.17	29.3	8.6
40	4	2.14	27.4	8.0
35	2	2.11	25.5	7.5
30	-1	2.07	23.9	7.0
25	-4	2.03	22.3	6.5
20	-7	1.99	20.7	6.1
17	-8	1.96	19.7	5.8
15	-9	1.95	19.0	5.6
10	-12	1.91	17.3	5.1
5	-15	1.79	15.4	4.5
0	-18	1.67	13.5	4.0
-5	-21	1.54	11.6	3.4
-10	-23	1.42	9.7	2.8
-15	-26	1.30	7.8	2.3
-20	-29	1.18	5.9	1.7

RATINGS

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

HPXB15-030 — CB30M-31 — CB30U-31 - CBX32M-030 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.6	8.7	1.82	.72	.86	.99	28.2	8.3	2.05	.73	.88	1.00	26.7	7.8	2.33	.75	.91	1.00	25.0	7.3	2.65	.78	.94	1.00
	1000	470	30.7	9.0	1.82	.77	.93	1.00	29.3	8.6	2.06	.79	.96	1.00	27.7	8.1	2.34	.82	.98	1.00	26.1	7.6	2.65	.84	1.00	1.00
	1200	565	31.7	9.3	1.82	.83	.99	1.00	30.3	8.9	2.06	.85	1.00	1.00	28.9	8.5	2.34	.88	1.00	1.00	27.3	8.0	2.66	.91	1.00	1.00
67°F (19°C)	800	380	31.6	9.3	1.82	.56	.69	.83	30.0	8.8	2.06	.57	.71	.85	28.4	8.3	2.34	.58	.73	.87	26.6	7.8	2.66	.59	.75	.90
	1000	470	32.6	9.6	1.83	.59	.75	.90	31.0	9.1	2.07	.61	.77	.93	29.3	8.6	2.34	.62	.79	.95	27.4	8.0	2.66	.64	.82	.98
	1200	565	33.3	9.8	1.83	.63	.80	.97	31.7	9.3	2.07	.64	.83	.99	29.9	8.8	2.35	.66	.86	1.00	28.0	8.2	2.66	.68	.89	1.00
71°F (22°C)	800	380	33.7	9.9	1.83	.42	.54	.67	32.1	9.4	2.07	.42	.55	.68	30.4	8.9	2.35	.43	.56	.70	28.4	8.3	2.67	.43	.58	.73
	1000	470	34.8	10.2	1.84	.43	.58	.73	33.0	9.7	2.08	.44	.59	.75	31.2	9.1	2.36	.44	.60	.77	29.2	8.6	2.67	.45	.63	.80
	1200	565	35.5	10.4	1.84	.44	.61	.78	33.7	9.9	2.09	.45	.63	.80	31.8	9.3	2.36	.46	.65	.83	29.7	8.7	2.68	.47	.67	.87

HPXB15-030 — CB30M-41 — CB30U-41/46 - CBX32M-036 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.6	8.7	1.81	.73	.87	.99	28.2	8.3	2.05	.74	.89	1.00	26.7	7.8	2.32	.76	.91	1.00	25.0	7.3	2.64	.79	.94	1.00
	1000	470	30.7	9.0	1.82	.78	.94	1.00	29.3	8.6	2.06	.80	.96	1.00	27.8	8.1	2.33	.83	.98	1.00	26.1	7.6	2.65	.85	1.00	1.00
	1200	565	31.8	9.3	1.82	.84	.99	1.00	30.3	8.9	2.06	.86	1.00	1.00	28.9	8.5	2.33	.89	1.00	1.00	27.3	8.0	2.65	.92	1.00	1.00
67°F (19°C)	800	380	31.6	9.3	1.82	.57	.70	.83	30.1	8.8	2.06	.58	.72	.85	28.4	8.3	2.33	.59	.74	.88	26.6	7.8	2.65	.60	.76	.91
	1000	470	32.6	9.6	1.83	.60	.76	.91	31.0	9.1	2.07	.62	.78	.93	29.3	8.6	2.34	.63	.80	.96	27.5	8.1	2.65	.65	.83	.99
	1200	565	33.4	9.8	1.83	.64	.81	.97	31.7	9.3	2.07	.65	.84	.99	30.0	8.8	2.34	.67	.86	1.00	28.1	8.2	2.66	.69	.89	1.00
71°F (22°C)	800	380	33.8	9.9	1.83	.43	.55	.68	32.2	9.4	2.07	.43	.56	.69	30.4	8.9	2.34	.44	.57	.71	28.5	8.4	2.66	.44	.59	.73
	1000	470	34.9	10.2	1.84	.44	.59	.74	33.1	9.7	2.08	.45	.60	.75	31.3	9.2	2.35	.45	.61	.78	29.3	8.6	2.66	.46	.63	.80
	1200	565	35.6	10.4	1.84	.45	.62	.79	33.8	9.9	2.08	.46	.64	.81	31.9	9.3	2.35	.47	.66	.84	29.8	8.7	2.67	.47	.68	.87

HPXB15-030 - CB30-31 — CB30U-31 - CBX32M-030 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.5	10.4	2.34	28.7	8.4	2.23	22.1	6.5	2.14	15.0	4.4	1.88	7.8	2.3	1.45
1000	470	35.2	10.3	2.06	28.4	8.3	1.95	21.8	6.4	1.85	14.7	4.3	1.60	7.5	2.2	1.16
1200	565	36.3	10.6	2.10	29.5	8.6	1.99	22.9	6.7	1.90	15.8	4.6	1.64	8.6	2.5	1.21

HPXB15-030 - CB30M-41 — CB30U-41/46 - CBX32M-036 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.7	10.5	2.31	28.9	8.5	2.21	22.1	6.5	2.12	15.0	4.4	1.87	7.7	2.3	1.44
1000	470	35.5	10.4	2.02	28.7	8.4	1.91	21.9	6.4	1.82	14.8	4.3	1.57	7.5	2.2	1.14
1200	565	36.5	10.7	2.07	29.7	8.7	1.97	22.9	6.7	1.88	15.8	4.6	1.63	8.5	2.5	1.20

HPXB15-030 - CB30M-31 - CB30U-31 - CBX32M-030 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.06	35.2	10.3
60	16	2.03	33.5	9.8
55	13	1.99	31.8	9.3
50	10	1.96	30.1	8.8
47	8	1.94	29.1	8.5
45	7	1.95	28.4	8.3
40	4	1.96	26.9	7.9
35	2	1.98	25.4	7.4
30	-1	1.91	23.6	6.9
25	-4	1.85	21.8	6.4
20	-7	1.79	19.9	5.8
17	-8	1.75	18.9	5.5
15	-9	1.74	18.2	5.3
10	-12	1.71	16.5	4.8
5	-15	1.60	14.7	4.3
0	-18	1.49	12.9	3.8
-5	-21	1.38	11.1	3.3
-10	-23	1.27	9.3	2.7
-15	-26	1.16	7.5	2.2
-20	-29	1.05	5.7	1.7

HPXB15-030 - CB30M-41-CB30U-41/46-CBX32M-036 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.02	35.5	10.4
60	16	1.99	33.8	9.9
55	13	1.96	32.1	9.4
50	10	1.93	30.3	8.9
47	8	1.91	29.3	8.6
45	7	1.91	28.7	8.4
40	4	1.93	27.1	7.9
35	2	1.94	25.6	7.5
30	-1	1.88	23.8	7.0
25	-4	1.82	21.9	6.4
20	-7	1.76	20.1	5.9
17	-8	1.72	19.0	5.6
15	-9	1.71	18.3	5.4
10	-12	1.68	16.6	4.9
5	-15	1.57	14.8	4.3
0	-18	1.47	13.0	3.8
-5	-21	1.36	11.2	3.3
-10	-23	1.25	9.3	2.7
-15	-26	1.14	7.5	2.2
-20	-29	1.04	5.7	1.7

RATINGS

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

HPXB15-030 — CB30M-46 - CBX32M-042 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.6	8.7	1.81	.73	.87	.99	28.2	8.3	2.05	.74	.89	1.00	26.7	7.8	2.32	.76	.91	1.00	25.0	7.3	2.64	.79	.94	1.00
	1000	470	30.7	9.0	1.82	.78	.94	1.00	29.3	8.6	2.06	.80	.96	1.00	27.8	8.1	2.33	.83	.98	1.00	26.1	7.6	2.65	.85	1.00	1.00
	1200	565	31.8	9.3	1.82	.84	.99	1.00	30.3	8.9	2.06	.86	1.00	1.00	28.9	8.5	2.33	.89	1.00	1.00	27.3	8.0	2.65	.92	1.00	1.00
67°F (19°C)	800	380	31.6	9.3	1.82	.57	.70	.83	30.1	8.8	2.06	.58	.72	.85	28.4	8.3	2.33	.59	.74	.88	26.6	7.8	2.65	.60	.76	.91
	1000	470	32.6	9.6	1.83	.60	.76	.91	31.0	9.1	2.07	.62	.78	.93	29.3	8.6	2.34	.63	.80	.96	27.5	8.1	2.65	.65	.83	.99
	1200	565	33.4	9.8	1.83	.64	.81	.97	31.7	9.3	2.07	.65	.84	.99	30.0	8.8	2.34	.67	.86	1.00	28.1	8.2	2.66	.69	.89	1.00
71°F (22°C)	800	380	33.8	9.9	1.83	.43	.55	.68	32.2	9.4	2.07	.43	.56	.69	30.4	8.9	2.34	.44	.57	.71	28.5	8.4	2.66	.44	.59	.73
	1000	470	34.9	10.2	1.84	.44	.59	.74	33.1	9.7	2.08	.45	.60	.75	31.3	9.2	2.35	.45	.61	.78	29.3	8.6	2.66	.46	.63	.80
	1200	565	35.6	10.4	1.84	.45	.62	.79	33.8	9.9	2.08	.46	.64	.81	31.9	9.3	2.35	.47	.66	.84	29.8	8.7	2.67	.47	.68	.87

HPXB15-030 — CB31MV-41 - CBX32MV-036 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.5	8.6	1.81	.72	.86	.98	28.1	8.2	2.05	.74	.88	1.00	26.6	7.8	2.32	.75	.91	1.00	25.0	7.3	2.64	.78	.93	1.00
	1000	470	30.7	9.0	1.82	.78	.93	1.00	29.2	8.6	2.06	.80	.95	1.00	27.7	8.1	2.33	.81	.97	1.00	26.1	7.6	2.65	.84	1.00	1.00
	1200	565	31.7	9.3	1.82	.83	.98	1.00	30.3	8.9	2.06	.85	1.00	1.00	28.8	8.4	2.33	.88	1.00	1.00	27.3	8.0	2.65	.90	1.00	1.00
67°F (19°C)	800	380	31.5	9.2	1.82	.57	.70	.83	30.0	8.8	2.06	.57	.71	.85	28.4	8.3	2.33	.58	.73	.87	26.6	7.8	2.65	.60	.75	.90
	1000	470	32.6	9.6	1.83	.60	.75	.90	31.0	9.1	2.07	.61	.77	.92	29.3	8.6	2.34	.62	.79	.95	27.4	8.0	2.65	.64	.82	.98
	1200	565	33.3	9.8	1.83	.63	.81	.96	31.7	9.3	2.07	.64	.83	.98	29.9	8.8	2.34	.66	.86	1.00	28.0	8.2	2.66	.68	.89	1.00
71°F (22°C)	800	380	33.7	9.9	1.83	.42	.55	.67	32.1	9.4	2.07	.43	.56	.69	30.4	8.9	2.34	.43	.57	.70	28.5	8.4	2.66	.44	.58	.73
	1000	470	34.8	10.2	1.84	.44	.58	.73	33.0	9.7	2.08	.44	.59	.75	31.2	9.1	2.35	.45	.61	.77	29.3	8.6	2.66	.45	.62	.80
	1200	565	35.5	10.4	1.84	.45	.62	.78	33.7	9.9	2.08	.45	.63	.80	31.8	9.3	2.35	.46	.65	.83	29.8	8.7	2.67	.47	.67	.86

HPXB15-030 - CB30M-46 - CBX32M-042 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.7	10.5	2.31	28.9	8.5	2.21	22.2	6.5	2.12	15.0	4.4	1.87	7.7	2.3	1.44
1000	470	35.5	10.4	2.02	28.7	8.4	1.91	22.0	6.4	1.82	14.8	4.3	1.57	7.5	2.2	1.14
1200	565	36.5	10.7	2.07	29.7	8.7	1.97	23.0	6.7	1.88	15.8	4.6	1.63	8.5	2.5	1.20

HPXB15-030 - CB31MV-41 - CBX32MV-036 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.4	10.4	2.31	28.6	8.4	2.21	21.8	6.4	2.12	14.7	4.3	1.87	7.6	2.2	1.44
1000	470	35.2	10.3	2.02	28.4	8.3	1.91	21.6	6.3	1.82	14.5	4.2	1.57	7.4	2.2	1.14
1200	565	36.2	10.6	2.07	29.4	8.6	1.97	22.6	6.6	1.88	15.5	4.5	1.63	8.4	2.5	1.20

HPXB15-030 - CB30M-46 - CBX32M-042 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.02	35.5	10.4
60	16	1.99	33.8	9.9
55	13	1.96	32.1	9.4
50	10	1.93	30.4	8.9
47	8	1.91	29.3	8.6
45	7	1.91	28.7	8.4
40	4	1.93	27.2	8.0
35	2	1.94	25.6	7.5
30	-1	1.88	23.8	7.0
25	-4	1.82	22.0	6.4
20	-7	1.76	20.1	5.9
17	-8	1.72	19.0	5.6
15	-9	1.71	18.3	5.4
10	-12	1.68	16.6	4.9
5	-15	1.57	14.8	4.3
0	-18	1.47	13.0	3.8
-5	-21	1.36	11.2	3.3
-10	-23	1.25	9.3	2.7
-15	-26	1.14	7.5	2.2
-20	-29	1.04	5.7	1.7

HPXB15-030 - CB31MV-41 - CBX32MV-036 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.02	35.2	10.3
60	16	1.99	33.5	9.8
55	13	1.96	31.8	9.3
50	10	1.93	30.0	8.8
47	8	1.91	29.0	8.5
45	7	1.91	28.4	8.3
40	4	1.93	26.8	7.9
35	2	1.94	25.3	7.4
30	-1	1.88	23.5	6.9
25	-4	1.82	21.6	6.3
20	-7	1.76	19.8	5.8
17	-8	1.72	18.7	5.5
15	-9	1.71	18.0	5.3
10	-12	1.68	16.3	4.8
5	-15	1.57	14.5	4.2
0	-18	1.47	12.7	3.7
-5	-21	1.36	11.0	3.2
-10	-23	1.25	9.2	2.7
-15	-26	1.14	7.4	2.2
-20	-29	1.04	5.6	1.6

RATINGS

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

HPXB15-030 — CVP10-31/EC10Q3 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	28.6	8.4	1.81	.73	.86	.98	27.3	8.0	2.04	.74	.88	.99	25.8	7.6	2.32	.76	.91	1.00	24.2	7.1	2.63	.78	.94	1.00
	1000	470	29.7	8.7	1.81	.78	.93	1.00	28.4	8.3	2.05	.80	.95	1.00	26.9	7.9	2.32	.82	.97	1.00	25.3	7.4	2.64	.85	1.00	1.00
	1200	565	30.7	9.0	1.81	.83	.98	1.00	29.4	8.6	2.05	.85	1.00	1.00	27.9	8.2	2.32	.88	1.00	1.00	26.4	7.7	2.64	.91	1.00	1.00
67°F (19°C)	800	380	30.5	8.9	1.81	.57	.70	.83	29.0	8.5	2.05	.58	.72	.85	27.5	8.1	2.32	.59	.73	.87	25.8	7.6	2.64	.60	.76	.90
	1000	470	31.5	9.2	1.82	.60	.76	.90	30.0	8.8	2.06	.61	.77	.92	28.3	8.3	2.33	.62	.80	.95	26.5	7.8	2.65	.64	.83	.98
	1200	565	32.2	9.4	1.82	.63	.81	.96	30.6	9.0	2.06	.64	.83	.98	28.9	8.5	2.33	.66	.86	1.00	27.0	7.9	2.65	.68	.89	1.00
71°F (22°C)	800	380	32.6	9.6	1.82	.43	.55	.67	31.0	9.1	2.06	.43	.56	.69	29.4	8.6	2.33	.43	.57	.71	27.5	8.1	2.65	.44	.59	.73
	1000	470	33.6	9.8	1.83	.44	.58	.73	32.0	9.4	2.07	.44	.60	.75	30.2	8.9	2.34	.45	.61	.77	28.2	8.3	2.66	.45	.63	.80
	1200	565	34.3	10.1	1.83	.45	.62	.79	32.6	9.6	2.07	.45	.63	.81	30.7	9.0	2.35	.46	.65	.84	28.7	8.4	2.66	.47	.68	.87

HPXB15-030 — CVP10-41/EC10Q4 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	28.6	8.4	1.81	.73	.86	.98	27.2	8.0	2.05	.74	.88	1.00	25.8	7.6	2.32	.76	.91	1.00	24.1	7.1	2.64	.78	.94	1.00
	1000	470	29.8	8.7	1.81	.78	.93	1.00	28.3	8.3	2.05	.80	.95	1.00	26.8	7.9	2.33	.82	.98	1.00	25.2	7.4	2.64	.85	1.00	1.00
	1200	565	30.7	9.0	1.82	.83	.99	1.00	29.4	8.6	2.06	.85	1.00	1.00	28.0	8.2	2.33	.88	1.00	1.00	26.4	7.7	2.65	.91	1.00	1.00
67°F (19°C)	800	380	30.5	8.9	1.82	.57	.70	.83	29.1	8.5	2.05	.57	.71	.85	27.5	8.1	2.33	.59	.73	.87	25.7	7.5	2.65	.60	.75	.90
	1000	470	31.6	9.3	1.82	.60	.75	.90	30.0	8.8	2.06	.61	.77	.92	28.3	8.3	2.34	.62	.80	.95	26.5	7.8	2.65	.64	.82	.98
	1200	565	32.3	9.5	1.83	.63	.81	.96	30.7	9.0	2.06	.65	.83	.98	29.0	8.5	2.34	.66	.86	1.00	27.1	7.9	2.65	.68	.89	1.00
71°F (22°C)	800	380	32.7	9.6	1.83	.43	.55	.67	31.1	9.1	2.07	.43	.56	.69	29.4	8.6	2.34	.43	.57	.71	27.5	8.1	2.66	.44	.58	.73
	1000	470	33.7	9.9	1.83	.44	.58	.73	32.0	9.4	2.07	.44	.60	.75	30.2	8.9	2.34	.45	.61	.77	28.3	8.3	2.66	.45	.63	.80
	1200	565	34.5	10.1	1.84	.45	.62	.79	32.7	9.6	2.08	.46	.63	.81	30.8	9.0	2.35	.46	.65	.83	28.8	8.4	2.66	.47	.67	.87

HPXB15-030 - CVP10-31/EC10Q3 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	41.5	12.2	3.12	34.7	10.2	2.99	28.0	8.2	2.88	20.7	6.1	2.61	13.2	3.9	2.16
1000	470	36.0	10.6	2.15	29.2	8.6	2.02	22.5	6.6	1.91	15.2	4.5	1.64	7.7	2.3	1.19
1200	565	42.6	12.5	2.73	35.8	10.5	2.60	29.1	8.5	2.49	21.8	6.4	2.22	14.3	4.2	1.77

HPXB15-030 - CVP10-41/46/EC10Q4 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.8	10.5	2.32	29.1	8.5	2.21	22.5	6.6	2.12	15.3	4.5	1.86	7.9	2.3	1.43
1000	470	35.5	10.4	2.05	28.8	8.4	1.94	22.2	6.5	1.84	15.0	4.4	1.59	7.6	2.2	1.15
1200	565	36.6	10.7	2.09	29.9	8.8	1.98	23.3	6.8	1.88	16.1	4.7	1.63	8.7	2.5	1.19

HPXB15-030 - CVP10-31/EC10Q3 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.15	36.0	10.6
60	16	2.11	34.3	10.1
55	13	2.08	32.6	9.6
50	10	2.04	30.9	9.1
47	8	2.02	29.8	8.7
45	7	2.02	29.2	8.6
40	4	2.04	27.7	8.1
35	2	2.05	26.1	7.6
30	-1	1.98	24.3	7.1
25	-4	1.91	22.5	6.6
20	-7	1.84	20.6	6.0
17	-8	1.80	19.5	5.7
15	-9	1.79	18.8	5.5
10	-12	1.75	17.1	5.0
5	-15	1.64	15.2	4.5
0	-18	1.53	13.4	3.9
-5	-21	1.42	11.5	3.4
-10	-23	1.31	9.6	2.8
-15	-26	1.19	7.7	2.3
-20	-29	1.08	5.9	1.7

HPXB15-030 - CVP10-41/46/EC10Q4 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.05	35.5	10.4
60	16	2.02	33.8	9.9
55	13	1.98	32.1	9.4
50	10	1.95	30.5	8.9
47	8	1.93	29.4	8.6
45	7	1.94	28.8	8.4
40	4	1.95	27.3	8.0
35	2	1.97	25.8	7.6
30	-1	1.90	24.0	7.0
25	-4	1.84	22.2	6.5
20	-7	1.78	20.4	6.0
17	-8	1.74	19.3	5.7
15	-9	1.73	18.6	5.5
10	-12	1.70	16.9	5.0
5	-15	1.59	15.0	4.4
0	-18	1.48	13.2	3.9
-5	-21	1.37	11.3	3.3
-10	-23	1.26	9.5	2.8
-15	-26	1.15	7.6	2.2
-20	-29	1.05	5.8	1.7

RATINGS

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

HPXB15-030 — C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.4	8.6	1.82	.73	.86	.98	28.0	8.2	2.06	.74	.89	.99	26.6	7.8	2.33	.76	.91	1.00	25.0	7.3	2.65	.78	.93	1.00
	1000	470	30.6	9.0	1.82	.78	.93	1.00	29.1	8.5	2.06	.80	.96	1.00	27.6	8.1	2.34	.82	.98	1.00	26.0	7.6	2.66	.85	1.00	1.00
	1200	565	31.5	9.2	1.83	.83	.98	1.00	30.1	8.8	2.07	.85	1.00	1.00	28.7	8.4	2.34	.87	1.00	1.00	27.2	8.0	2.66	.90	1.00	1.00
67°F (19°C)	800	380	31.3	9.2	1.83	.57	.70	.83	29.9	8.8	2.07	.58	.72	.85	28.3	8.3	2.34	.59	.73	.87	26.6	7.8	2.66	.60	.76	.90
	1000	470	32.4	9.5	1.83	.60	.76	.90	30.8	9.0	2.07	.61	.77	.92	29.1	8.5	2.35	.62	.80	.95	27.3	8.0	2.67	.64	.82	.98
	1200	565	33.1	9.7	1.84	.63	.81	.96	31.5	9.2	2.08	.64	.83	.98	29.7	8.7	2.35	.66	.86	1.00	27.9	8.2	2.67	.68	.89	1.00
71°F (22°C)	800	380	33.5	9.8	1.84	.43	.55	.67	31.9	9.3	2.08	.43	.56	.69	30.3	8.9	2.35	.43	.57	.71	28.4	8.3	2.67	.44	.58	.73
	1000	470	34.5	10.1	1.84	.44	.59	.73	32.9	9.6	2.08	.44	.60	.75	31.1	9.1	2.36	.45	.61	.77	29.1	8.5	2.67	.45	.63	.80
	1200	565	35.2	10.3	1.84	.45	.62	.78	33.5	9.8	2.09	.45	.63	.81	31.6	9.3	2.36	.46	.65	.84	29.6	8.7	2.68	.47	.67	.86

HPXB15-030 — C33-38A/B - CX34-38A/B - C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.5	8.6	1.81	.73	.87	.98	28.2	8.3	2.05	.74	.88	1.00	26.7	7.8	2.32	.76	.91	1.00	25.0	7.3	2.64	.78	.94	1.00
	1000	470	30.7	9.0	1.82	.78	.94	1.00	29.3	8.6	2.06	.80	.96	1.00	27.8	8.1	2.33	.82	.98	1.00	26.2	7.7	2.65	.85	1.00	1.00
	1200	565	31.8	9.3	1.82	.84	.99	1.00	30.4	8.9	2.06	.86	1.00	1.00	28.9	8.5	2.33	.88	1.00	1.00	27.3	8.0	2.65	.91	1.00	1.00
67°F (19°C)	800	380	31.5	9.2	1.82	.57	.70	.83	30.0	8.8	2.06	.58	.72	.85	28.4	8.3	2.33	.59	.74	.88	26.6	7.8	2.65	.60	.76	.91
	1000	470	32.5	9.5	1.83	.60	.76	.91	31.0	9.1	2.07	.61	.78	.93	29.2	8.6	2.34	.63	.80	.96	27.4	8.0	2.65	.64	.83	.98
	1200	565	33.3	9.8	1.83	.64	.81	.97	31.7	9.3	2.07	.65	.84	.99	29.9	8.8	2.34	.66	.86	1.00	28.0	8.2	2.66	.69	.89	1.00
71°F (22°C)	800	380	33.6	9.8	1.83	.43	.55	.68	32.1	9.4	2.07	.43	.56	.69	30.4	8.9	2.34	.43	.57	.71	28.4	8.3	2.66	.44	.58	.73
	1000	470	34.7	10.2	1.83	.44	.59	.73	33.0	9.7	2.08	.44	.60	.75	31.2	9.1	2.35	.45	.61	.78	29.2	8.6	2.66	.46	.63	.81
	1200	565	35.4	10.4	1.84	.45	.62	.79	33.7	9.9	2.08	.46	.64	.81	31.8	9.3	2.35	.46	.65	.84	29.7	8.7	2.67	.47	.68	.87

HPXB15-030 - C26-31 - HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	36.2	10.6	2.46	29.4	8.6	2.34	22.6	6.6	2.22	15.4	4.5	1.95	8.0	2.3	1.51
1000	470	35.9	10.5	2.15	29.1	8.5	2.02	22.3	6.5	1.91	15.1	4.4	1.64	7.7	2.3	1.19
1200	565	37.0	10.8	2.21	30.2	8.9	2.08	23.4	6.9	1.97	16.2	4.7	1.70	8.8	2.6	1.25

HPXB15-030 - C33-38A/B - CX34-38A/B - C26-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	36.1	10.6	2.35	29.2	8.6	2.25	22.4	6.6	2.15	15.2	4.5	1.89	7.8	2.3	1.46
1000	470	35.9	10.5	2.05	29.0	8.5	1.95	22.2	6.5	1.85	15.0	4.4	1.59	7.6	2.2	1.16
1200	565	37.0	10.8	2.11	30.1	8.8	2.01	23.3	6.8	1.91	16.1	4.7	1.65	8.7	2.5	1.22

HPXB15-030 - C26-31 - HEATING PERFORMANCE at 800 cfm (378 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.15	35.9	10.5
60	16	2.11	34.2	10.0
55	13	2.08	32.5	9.5
50	10	2.04	30.7	9.0
47	8	2.02	29.7	8.7
45	7	2.02	29.1	8.5
40	4	2.03	27.5	8.1
35	2	2.05	26.0	7.6
30	-1	1.98	24.1	7.1
25	-4	1.91	22.3	6.5
20	-7	1.84	20.4	6.0
17	-8	1.80	19.3	5.7
15	-9	1.79	18.6	5.5
10	-12	1.75	16.9	5.0
5	-15	1.64	15.1	4.4
0	-18	1.53	13.2	3.9
-5	-21	1.42	11.4	3.3
-10	-23	1.30	9.5	2.8
-15	-26	1.19	7.7	2.3
-20	-29	1.08	5.8	1.7

HPXB15-030 - C33-38A/B - CX34-38A/B - C26-41 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.05	35.9	10.5
60	16	2.02	34.1	10.0
55	13	1.99	32.4	9.5
50	10	1.96	30.7	9.0
47	8	1.94	29.6	8.7
45	7	1.95	29.0	8.5
40	4	1.96	27.5	8.1
35	2	1.97	25.9	7.6
30	-1	1.91	24.1	7.1
25	-4	1.85	22.2	6.5
20	-7	1.79	20.4	6.0
17	-8	1.75	19.3	5.7
15	-9	1.73	18.6	5.5
10	-12	1.70	16.9	5.0
5	-15	1.59	15.0	4.4
0	-18	1.48	13.2	3.9
-5	-21	1.38	11.3	3.3
-10	-23	1.27	9.5	2.8
-15	-26	1.16	7.6	2.2
-20	-29	1.05	5.8	1.7

RATINGS

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

HPXB15-030 — C26-46 - C33-48B/C - CX34-44/48B/C COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.5	8.6	1.81	.72	.86	.99	28.1	8.2	2.05	.74	.88	1.00	26.6	7.8	2.33	.76	.91	1.00	24.9	7.3	2.64	.78	.94	1.00
	1000	470	30.7	9.0	1.82	.78	.94	1.00	29.2	8.6	2.06	.80	.96	1.00	27.7	8.1	2.33	.82	.98	1.00	26.1	7.6	2.65	.85	1.00	1.00
	1200	565	31.8	9.3	1.82	.83	.99	1.00	30.4	8.9	2.06	.86	1.00	1.00	28.9	8.5	2.33	.88	1.00	1.00	27.3	8.0	2.65	.91	1.00	1.00
67°F (19°C)	800	380	31.5	9.2	1.82	.57	.70	.83	30.0	8.8	2.06	.57	.71	.85	28.3	8.3	2.34	.58	.73	.87	26.5	7.8	2.65	.60	.75	.91
	1000	470	32.5	9.5	1.83	.60	.76	.90	31.0	9.1	2.07	.61	.77	.93	29.2	8.6	2.34	.63	.80	.96	27.3	8.0	2.65	.64	.82	.99
	1200	565	33.3	9.8	1.83	.63	.81	.97	31.7	9.3	2.07	.65	.83	.99	29.9	8.8	2.34	.66	.86	1.00	27.9	8.2	2.66	.69	.89	1.00
71°F (22°C)	800	380	33.7	9.9	1.83	.43	.55	.67	32.1	9.4	2.07	.43	.55	.69	30.3	8.9	2.35	.43	.57	.71	28.4	8.3	2.66	.43	.58	.73
	1000	470	34.8	10.2	1.84	.43	.58	.73	33.0	9.7	2.08	.44	.60	.75	31.2	9.1	2.35	.44	.61	.77	29.1	8.5	2.67	.45	.63	.80
	1200	565	35.5	10.4	1.84	.45	.62	.79	33.7	9.9	2.08	.45	.63	.81	31.7	9.3	2.36	.46	.66	.84	29.6	8.7	2.67	.47	.68	.87

HPXB15-030 — CR26-36 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.3	8.6	1.81	.72	.87	.99	27.8	8.1	2.05	.74	.89	1.00	26.3	7.7	2.33	.76	.91	1.00	24.6	7.2	2.65	.78	.94	1.00
	1000	470	30.4	8.9	1.82	.78	.94	1.00	28.9	8.5	2.06	.80	.96	1.00	27.4	8.0	2.33	.82	.98	1.00	25.7	7.5	2.65	.86	1.00	1.00
	1200	565	31.4	9.2	1.82	.83	.99	1.00	30.0	8.8	2.06	.86	1.00	1.00	28.5	8.4	2.34	.89	1.00	1.00	26.8	7.9	2.65	.91	1.00	1.00
67°F (19°C)	800	380	31.2	9.1	1.82	.56	.70	.83	29.6	8.7	2.06	.57	.72	.85	28.0	8.2	2.34	.58	.73	.88	26.1	7.6	2.66	.60	.76	.91
	1000	470	32.2	9.4	1.83	.60	.76	.91	30.6	9.0	2.07	.61	.77	.93	28.8	8.4	2.34	.62	.80	.96	26.9	7.9	2.66	.64	.83	.99
	1200	565	32.9	9.6	1.83	.63	.81	.97	31.2	9.1	2.07	.65	.83	.99	29.4	8.6	2.35	.66	.86	1.00	27.4	8.0	2.66	.68	.90	1.00
71°F (22°C)	800	380	33.3	9.8	1.83	.42	.55	.67	31.7	9.3	2.07	.42	.56	.69	29.9	8.8	2.35	.43	.57	.71	27.9	8.2	2.67	.44	.59	.73
	1000	470	34.3	10.1	1.84	.44	.58	.73	32.6	9.6	2.08	.44	.60	.75	30.7	9.0	2.36	.45	.61	.78	28.6	8.4	2.67	.45	.63	.81
	1200	565	35.0	10.3	1.84	.45	.62	.79	33.2	9.7	2.08	.45	.63	.81	31.2	9.1	2.36	.46	.65	.84	29.1	8.5	2.67	.47	.68	.88

HPXB15-030 - C26-46 - C33-48B/C - CX34-44/48B/C HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	35.1	10.3	2.28	28.4	8.3	2.18	21.9	6.4	2.10	14.9	4.4	1.85	7.7	2.3	1.42
1000	470	34.9	10.2	1.99	28.2	8.3	1.90	21.7	6.4	1.81	14.7	4.3	1.57	7.5	2.2	1.14
1200	565	36.0	10.6	2.06	29.3	8.6	1.96	22.8	6.7	1.88	15.8	4.6	1.63	8.6	2.5	1.20

HPXB15-030 - CR26-36 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	37.1	10.9	2.45	30.1	8.8	2.34	23.1	6.8	2.24	15.7	4.6	1.97	8.1	2.4	1.52
1000	470	36.8	10.8	2.14	29.8	8.7	2.03	22.8	6.7	1.93	15.4	4.5	1.67	7.8	2.3	1.21
1200	565	37.8	11.1	2.20	30.8	9.0	2.09	23.8	7.0	1.99	16.4	4.8	1.73	8.8	2.6	1.27

HPXB15-030 - C26-46 - C33-48B/C - CX34-44/48B/C HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	1.99	34.9	10.2
60	16	1.96	33.2	9.7
55	13	1.93	31.5	9.2
50	10	1.91	29.9	8.8
47	8	1.89	28.9	8.5
45	7	1.90	28.2	8.3
40	4	1.91	26.7	7.8
35	2	1.93	25.2	7.4
30	-1	1.87	23.5	6.9
25	-4	1.81	21.7	6.4
20	-7	1.75	19.9	5.8
17	-8	1.72	18.8	5.5
15	-9	1.71	18.2	5.3
10	-12	1.68	16.5	4.8
5	-15	1.57	14.7	4.3
0	-18	1.46	12.9	3.8
-5	-21	1.35	11.1	3.3
-10	-23	1.25	9.3	2.7
-15	-26	1.14	7.5	2.2
-20	-29	1.03	5.7	1.7

HPXB15-030 - CR26-36 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.14	36.8	10.8
60	16	2.11	35.0	10.3
55	13	2.08	33.3	9.8
50	10	2.05	31.5	9.2
47	8	2.03	30.4	8.9
45	7	2.03	29.8	8.7
40	4	2.05	28.2	8.3
35	2	2.06	26.6	7.8
30	-1	2.00	24.7	7.2
25	-4	1.93	22.8	6.7
20	-7	1.87	20.9	6.1
17	-8	1.83	19.8	5.8
15	-9	1.82	19.1	5.6
10	-12	1.78	17.3	5.1
5	-15	1.67	15.4	4.5
0	-18	1.56	13.5	4.0
-5	-21	1.44	11.6	3.4
-10	-23	1.33	9.7	2.8
-15	-26	1.21	7.8	2.3
-20	-29	1.10	5.9	1.7

RATINGS

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

HPXB15-030 — CH33-36A-2F - CH23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	28.9	8.5	1.81	.72	.86	.99	27.5	8.1	2.05	.74	.89	1.00	26.1	7.6	2.32	.75	.91	1.00	24.4	7.2	2.64	.78	.94	1.00
	1000	470	30.1	8.8	1.81	.78	.94	1.00	28.6	8.4	2.05	.79	.96	1.00	27.1	7.9	2.33	.82	.99	1.00	25.6	7.5	2.64	.85	1.00	1.00
	1200	565	31.1	9.1	1.82	.83	.99	1.00	29.7	8.7	2.06	.86	1.00	1.00	28.3	8.3	2.33	.88	1.00	1.00	26.7	7.8	2.65	.92	1.00	1.00
67°F (19°C)	800	380	30.8	9.0	1.82	.56	.70	.83	29.3	8.6	2.06	.57	.71	.85	27.7	8.1	2.33	.58	.73	.87	25.9	7.6	2.65	.60	.75	.91
	1000	470	31.8	9.3	1.82	.59	.75	.90	30.2	8.9	2.06	.61	.77	.93	28.5	8.4	2.34	.62	.80	.96	26.7	7.8	2.65	.64	.83	.98
	1200	565	32.5	9.5	1.83	.63	.81	.97	30.9	9.1	2.07	.64	.84	.99	29.2	8.6	2.34	.66	.86	1.00	27.3	8.0	2.65	.68	.89	1.00
71°F (22°C)	800	380	32.9	9.6	1.83	.42	.54	.67	31.3	9.2	2.07	.42	.56	.69	29.6	8.7	2.34	.43	.57	.71	27.7	8.1	2.65	.43	.58	.73
	1000	470	33.9	9.9	1.83	.43	.58	.73	32.2	9.4	2.07	.44	.59	.75	30.4	8.9	2.35	.44	.61	.77	28.4	8.3	2.66	.45	.63	.80
	1200	565	34.5	10.1	1.84	.45	.62	.79	32.8	9.6	2.08	.45	.63	.81	30.9	9.1	2.35	.46	.65	.84	28.9	8.5	2.66	.47	.67	.87

HPXB15-030 — CH33-42B-2F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.4	8.6	1.81	.72	.86	.99	28.0	8.2	2.05	.73	.89	1.00	26.5	7.8	2.32	.75	.91	1.00	24.8	7.3	2.64	.78	.94	1.00
	1000	470	30.6	9.0	1.82	.78	.94	1.00	29.1	8.5	2.06	.79	.96	1.00	27.6	8.1	2.33	.82	.98	1.00	26.0	7.6	2.64	.85	1.00	1.00
	1200	565	31.7	9.3	1.82	.83	.99	1.00	30.3	8.9	2.06	.86	1.00	1.00	28.8	8.4	2.33	.88	1.00	1.00	27.2	8.0	2.65	.91	1.00	1.00
67°F (19°C)	800	380	31.4	9.2	1.82	.56	.69	.83	29.9	8.8	2.06	.57	.71	.85	28.2	8.3	2.33	.58	.73	.88	26.4	7.7	2.65	.60	.75	.90
	1000	470	32.4	9.5	1.83	.60	.75	.91	30.8	9.0	2.07	.60	.77	.93	29.1	8.5	2.34	.62	.79	.96	27.2	8.0	2.65	.64	.83	.99
	1200	565	33.2	9.7	1.83	.63	.81	.97	31.5	9.2	2.07	.64	.83	.99	29.7	8.7	2.34	.66	.86	1.00	27.8	8.1	2.66	.68	.89	1.00
71°F (22°C)	800	380	33.5	9.8	1.83	.42	.55	.67	31.9	9.3	2.07	.42	.56	.69	30.1	8.8	2.34	.43	.57	.70	28.2	8.3	2.66	.43	.58	.73
	1000	470	34.6	10.1	1.84	.43	.58	.73	32.8	9.6	2.08	.44	.59	.75	31.0	9.1	2.35	.44	.61	.77	28.9	8.5	2.66	.45	.63	.80
	1200	565	35.3	10.3	1.84	.45	.62	.79	33.5	9.8	2.08	.45	.63	.81	31.5	9.2	2.35	.46	.65	.84	29.4	8.6	2.67	.47	.67	.87

HPXB15-030 - CH33-36A-2F - CH23-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	36.4	10.7	2.57	29.5	8.6	2.45	22.8	6.7	2.34	15.5	4.5	2.06	8.0	2.3	1.59
1000	470	36.1	10.6	2.24	29.2	8.6	2.12	22.5	6.6	2.01	15.2	4.5	1.73	7.7	2.3	1.26
1200	565	37.2	10.9	2.31	30.3	8.9	2.19	23.6	6.9	2.08	16.3	4.8	1.80	8.8	2.6	1.32

HPXB15-030 - CH33-42B-2F - CH23-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	36.4	10.7	2.38	29.5	8.6	2.27	22.8	6.7	2.16	15.6	4.6	1.90	8.1	2.4	1.45
1000	470	36.0	10.6	2.14	29.1	8.5	2.02	22.4	6.6	1.92	15.2	4.5	1.65	7.7	2.3	1.20
1200	565	37.2	10.9	2.13	30.3	8.9	2.01	23.6	6.9	1.91	16.4	4.8	1.64	8.9	2.6	1.19

HPXB15-030 - CH33-36A-2F - CH23-41 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.24	36.1	10.6
60	16	2.21	34.3	10.1
55	13	2.17	32.6	9.6
50	10	2.14	30.9	9.1
47	8	2.12	29.9	8.8
45	7	2.12	29.2	8.6
40	4	2.14	27.7	8.1
35	2	2.15	26.1	7.6
30	-1	2.08	24.3	7.1
25	-4	2.01	22.5	6.6
20	-7	1.94	20.6	6.0
17	-8	1.90	19.5	5.7
15	-9	1.89	18.8	5.5
10	-12	1.85	17.1	5.0
5	-15	1.73	15.2	4.5
0	-18	1.61	13.4	3.9
-5	-21	1.50	11.5	3.4
-10	-23	1.38	9.6	2.8
-15	-26	1.26	7.7	2.3
-20	-29	1.14	5.9	1.7

HPXB15-030 - CH33-42B-2F - CH23-51 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.14	36.0	10.6
60	16	2.10	34.2	10.0
55	13	2.07	32.5	9.5
50	10	2.04	30.8	9.0
47	8	2.02	29.8	8.7
45	7	2.02	29.1	8.5
40	4	2.04	27.6	8.1
35	2	2.05	26.1	7.6
30	-1	1.98	24.2	7.1
25	-4	1.92	22.4	6.6
20	-7	1.85	20.5	6.0
17	-8	1.81	19.4	5.7
15	-9	1.80	18.8	5.5
10	-12	1.77	17.0	5.0
5	-15	1.65	15.2	4.5
0	-18	1.54	13.3	3.9
-5	-21	1.43	11.4	3.3
-10	-23	1.31	9.6	2.8
-15	-26	1.20	7.7	2.3
-20	-29	1.09	5.8	1.7

RATINGS

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

HPXB15-030 — CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	29.9	8.8	1.82	.72	.86	.98	28.5	8.4	2.07	.73	.88	1.00	27.0	7.9	2.34	.75	.90	1.00	25.3	7.4	2.66	.77	.93	1.00
	1000	470	31.1	9.1	1.83	.77	.93	1.00	29.7	8.7	2.07	.79	.95	1.00	28.1	8.2	2.35	.82	.98	1.00	26.5	7.8	2.67	.84	1.00	1.00
	1200	565	32.2	9.4	1.84	.83	.99	1.00	30.8	9.0	2.08	.85	1.00	1.00	29.4	8.6	2.35	.88	1.00	1.00	27.7	8.1	2.67	.91	1.00	1.00
67°F (19°C)	800	380	31.9	9.3	1.83	.56	.69	.82	30.4	8.9	2.08	.57	.71	.84	28.7	8.4	2.35	.58	.72	.87	27.0	7.9	2.67	.59	.74	.90
	1000	470	33.0	9.7	1.84	.59	.75	.90	31.4	9.2	2.08	.61	.77	.92	29.7	8.7	2.36	.62	.79	.95	27.8	8.1	2.68	.64	.82	.98
	1200	565	33.8	9.9	1.84	.63	.81	.97	32.1	9.4	2.09	.64	.83	.99	30.4	8.9	2.36	.66	.86	1.00	28.4	8.3	2.68	.68	.89	1.00
71°F (22°C)	800	380	34.2	10.0	1.85	.42	.54	.67	32.6	9.6	2.09	.43	.55	.68	30.8	9.0	2.37	.43	.56	.70	28.9	8.5	2.68	.43	.58	.72
	1000	470	35.3	10.3	1.85	.43	.58	.72	33.5	9.8	2.10	.44	.59	.74	31.7	9.3	2.37	.44	.61	.77	29.7	8.7	2.69	.45	.62	.80
	1200	565	36.0	10.6	1.86	.45	.62	.78	34.2	10.0	2.10	.45	.63	.81	32.3	9.5	2.38	.46	.65	.83	30.2	8.9	2.69	.47	.67	.87

~~HPXB15-036 — CB29M-41 COOLING CAPACITY~~

~~Entering Wet Bulb Temperature~~	~~Total Air Volume~~		~~Outdoor Air Temperature Entering Outdoor Coil~~																					
			~~85°F (29°C)~~						~~95°F (35°C)~~						~~105°F (41°C)~~						~~115°F (46°C)~~					
			~~Total Cooling Capacity~~		~~Comp Motor kW Input~~	~~Sensible To Total Ratio (S/T) Dry Bulb~~			~~Total Cooling Capacity~~		~~Comp Motor kW Input~~	~~Sensible To Total Ratio (S/T) Dry Bulb~~			~~Total Cooling Capacity~~		~~Comp Motor kW Input~~	~~Sensible To Total Ratio (S/T) Dry Bulb~~			~~Total Cooling Capacity~~		~~Comp Motor kW Input~~	~~Sensible To Total Ratio (S/T) Dry Bulb~~		
	~~cfm~~	~~L/s~~	~~kBtuh~~	~~kW~~		~~75°F 24°C~~	~~80°F 27°C~~	~~85°F 29°C~~	~~kBtuh~~	~~kW~~		~~75°F 24°C~~	~~80°F 27°C~~	~~85°F 29°C~~	~~kBtuh~~	~~kW~~		~~75°F 24°C~~	~~80°F 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~~	~~33.4~~	~~9.8~~	~~2.19~~	~~.73~~	~~.88~~	~~.99~~	~~31.8~~	~~9.3~~	~~2.49~~	~~.75~~	~~.90~~	~~1.00~~	~~30.0~~	~~8.8~~	~~2.83~~	~~.77~~	~~.93~~	~~1.00~~	~~28.2~~	~~8.3~~	~~3.23~~	~~.79~~	~~.95~~	~~1.00~~
	~~1200~~	~~565~~	~~34.4~~	~~10.1~~	~~2.20~~	~~.78~~	~~.93~~	~~1.00~~	~~32.7~~	~~9.6~~	~~2.49~~	~~.80~~	~~.96~~	~~1.00~~	~~31.0~~	~~9.1~~	~~2.83~~	~~.82~~	~~.98~~	~~1.00~~	~~29.1~~	~~8.5~~	~~3.23~~	~~.85~~	~~1.00~~	~~1.00~~
	~~1400~~	~~660~~	~~35.3~~	~~10.3~~	~~2.20~~	~~.82~~	~~.98~~	~~1.00~~	~~33.6~~	~~9.8~~	~~2.49~~	~~.84~~	~~.99~~	~~1.00~~	~~31.9~~	~~9.3~~	~~2.84~~	~~.87~~	~~1.00~~	~~1.00~~	~~30.1~~	~~8.8~~	~~3.24~~	~~.90~~	~~1.00~~	~~1.00~~
~~67°F (19°C)~~	~~1000~~	~~470~~	~~35.4~~	~~10.4~~	~~2.20~~	~~.57~~	~~.71~~	~~.85~~	~~33.7~~	~~9.9~~	~~2.50~~	~~.58~~	~~.72~~	~~.87~~	~~31.8~~	~~9.3~~	~~2.84~~	~~.59~~	~~.74~~	~~.89~~	~~29.7~~	~~8.7~~	~~3.24~~	~~.60~~	~~.77~~	~~.93~~
	~~1200~~	~~565~~	~~36.2~~	~~10.6~~	~~2.20~~	~~.60~~	~~.75~~	~~.91~~	~~34.4~~	~~10.1~~	~~2.50~~	~~.61~~	~~.77~~	~~.93~~	~~32.5~~	~~9.5~~	~~2.84~~	~~.62~~	~~.80~~	~~.95~~	~~30.3~~	~~8.9~~	~~3.24~~	~~.64~~	~~.83~~	~~.98~~
	~~1400~~	~~660~~	~~36.8~~	~~10.8~~	~~2.21~~	~~.62~~	~~.80~~	~~.96~~	~~35.0~~	~~10.3~~	~~2.50~~	~~.64~~	~~.82~~	~~.98~~	~~33.0~~	~~9.7~~	~~2.85~~	~~.65~~	~~.85~~	~~.99~~	~~30.8~~	~~9.0~~	~~3.24~~	~~.68~~	~~.88~~	~~1.00~~
~~71°F (22°C)~~	~~1000~~	~~470~~	~~37.7~~	~~11.0~~	~~2.21~~	~~.42~~	~~.55~~	~~.68~~	~~35.9~~	~~10.5~~	~~2.51~~	~~.43~~	~~.56~~	~~.70~~	~~33.8~~	~~9.9~~	~~2.85~~	~~.43~~	~~.58~~	~~.72~~	~~31.6~~	~~9.3~~	~~3.25~~	~~.44~~	~~.59~~	~~.75~~
	~~1200~~	~~565~~	~~38.5~~	~~11.3~~	~~2.21~~	~~.43~~	~~.58~~	~~.73~~	~~36.6~~	~~10.7~~	~~2.51~~	~~.44~~	~~.59~~	~~.75~~	~~34.5~~	~~10.1~~	~~2.86~~	~~.44~~	~~.61~~	~~.78~~	~~32.2~~	~~9.4~~	~~3.25~~	~~.45~~	~~.63~~	~~.81~~
	~~1400~~	~~660~~	~~39.1~~	~~11.5~~	~~2.22~~	~~.44~~	~~.61~~	~~.78~~	~~37.1~~	~~10.9~~	~~2.52~~	~~.45~~	~~.63~~	~~.80~~	~~35.0~~	~~10.3~~	~~2.86~~	~~.46~~	~~.64~~	~~.83~~	~~32.6~~	~~9.6~~	~~3.26~~	~~.47~~	~~.67~~	~~.86~~

HPXB15-030 - CH23-65 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
800	380	36.2	10.6	2.35	29.4	8.6	2.25	22.6	6.6	2.16	15.4	4.5	1.91	7.9	2.3	1.47
1000	470	36.0	10.6	2.05	29.2	8.6	1.95	22.4	6.6	1.86	15.2	4.5	1.61	7.7	2.3	1.17
1200	565	37.1	10.9	2.10	30.3	8.9	2.00	23.5	6.9	1.92	16.3	4.8	1.67	8.8	2.6	1.23

~~HPXB15-036 - CB29M-41 HEATING CAPACITY~~

~~Indoor Coil Air Volume 70°F db (21°C db)~~		~~Air Temperature Entering Outdoor Coil~~															
		~~65°F (18°C)~~			~~45°F (7°C)~~			~~25°F (-4°C)~~			~~5°F (-15°C)~~			~~-15°F (-26°C)~~		
		~~Total Heating Capacity~~		~~Comp. Motor kW Input~~	~~Total Heating Capacity~~		~~Comp. Motor kW Input~~	~~Total Heating Capacity~~		~~Comp. Motor kW Input~~	~~Total Heating Capacity~~		~~Comp. Motor kW Input~~	~~Total Heating Capacity~~		~~Comp. Motor kW Input~~
~~cfm~~	~~L/s~~	~~kBtuh~~	~~kW~~		~~kBtuh~~	~~kW~~		~~kBtuh~~	~~kW~~		~~kBtuh~~	~~kW~~		~~kBtuh~~	~~kW~~	
~~1000~~	~~470~~	~~43.3~~	~~12.7~~	~~2.92~~	~~35.3~~	~~10.3~~	~~2.74~~	~~27.3~~	~~8.0~~	~~2.56~~	~~18.7~~	~~5.5~~	~~2.29~~	~~9.4~~	~~2.8~~	~~1.70~~
~~1200~~	~~565~~	~~43.4~~	~~12.7~~	~~2.79~~	~~35.4~~	~~10.4~~	~~2.62~~	~~27.4~~	~~8.0~~	~~2.44~~	~~18.8~~	~~5.5~~	~~2.17~~	~~9.5~~	~~2.8~~	~~1.58~~
~~1400~~	~~660~~	~~44.1~~	~~12.9~~	~~2.68~~	~~36.1~~	~~10.6~~	~~2.50~~	~~28.1~~	~~8.2~~	~~2.32~~	~~19.5~~	~~5.7~~	~~2.05~~	~~10.2~~	~~3.0~~	~~1.46~~

HPXB15-030 - CH23-65 HEATING PERFORMANCE at 1000 cfm (472 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.05	36.0	10.6
60	16	2.02	34.3	10.1
55	13	1.99	32.6	9.6
50	10	1.96	30.8	9.0
47	8	1.94	29.8	8.7
45	7	1.95	29.2	8.6
40	4	1.97	27.6	8.1
35	2	1.98	26.1	7.6
30	-1	1.92	24.2	7.1
25	-4	1.86	22.4	6.6
20	-7	1.80	20.6	6.0
17	-8	1.76	19.5	5.7
15	-9	1.75	18.8	5.5
10	-12	1.72	17.1	5.0
5	-15	1.61	15.2	4.5
0	-18	1.50	13.3	3.9
-5	-21	1.39	11.4	3.3
-10	-23	1.28	9.6	2.8
-15	-26	1.17	7.7	2.3
-20	-29	1.06	5.8	1.7

~~HPXB15-036 - CB29M-41 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume~~

~~*Outdoor Temperature~~		~~Compressor Motor kW Input~~	~~Total Output~~	
~~°F~~	~~°C~~		~~kBtuh~~	~~kW~~
~~65~~	~~18~~	~~2.79~~	~~43.4~~	~~12.7~~
~~60~~	~~16~~	~~2.75~~	~~41.3~~	~~12.1~~
~~55~~	~~13~~	~~2.71~~	~~39.3~~	~~11.5~~
~~50~~	~~10~~	~~2.66~~	~~37.3~~	~~10.9~~
~~47~~	~~8~~	~~2.64~~	~~36.1~~	~~10.6~~
~~45~~	~~7~~	~~2.62~~	~~35.4~~	~~10.4~~
~~40~~	~~4~~	~~2.56~~	~~33.5~~	~~9.8~~
~~35~~	~~2~~	~~2.51~~	~~31.7~~	~~9.3~~
~~30~~	~~-1~~	~~2.47~~	~~29.5~~	~~8.6~~
~~25~~	~~-4~~	~~2.44~~	~~27.4~~	~~8.0~~
~~20~~	~~-7~~	~~2.40~~	~~25.2~~	~~7.4~~
~~17~~	~~-8~~	~~2.38~~	~~24.0~~	~~7.0~~
~~15~~	~~-9~~	~~2.36~~	~~23.2~~	~~6.8~~
~~10~~	~~-12~~	~~2.32~~	~~21.1~~	~~6.2~~
~~5~~	~~-15~~	~~2.17~~	~~18.8~~	~~5.5~~
~~0~~	~~-18~~	~~2.02~~	~~16.5~~	~~4.8~~
~~-5~~	~~-21~~	~~1.87~~	~~14.2~~	~~4.2~~
~~-10~~	~~-23~~	~~1.72~~	~~11.8~~	~~3.5~~
~~-15~~	~~-26~~	~~1.58~~	~~9.5~~	~~2.8~~
~~-20~~	~~-29~~	~~1.43~~	~~7.2~~	~~2.1~~

RATINGS

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

HPXB15-036 — CB29M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.9	10.2	2.21	.73	.87	.99	33.2	9.7	2.50	.74	.89	1.00	31.4	9.2	2.84	.76	.92	1.00	29.4	8.6	3.25	.79	.95	1.00
	1200	565	36.0	10.6	2.21	.77	.93	1.00	34.2	10.0	2.51	.79	.95	1.00	32.4	9.5	2.85	.81	.98	1.00	30.4	8.9	3.25	.84	1.00	1.00
	1400	660	36.9	10.8	2.21	.82	.98	1.00	35.2	10.3	2.51	.84	.99	1.00	33.4	9.8	2.85	.86	1.00	1.00	31.5	9.2	3.26	.90	1.00	1.00
67°F (19°C)	1000	470	37.1	10.9	2.22	.57	.70	.84	35.3	10.3	2.51	.57	.72	.86	33.3	9.8	2.86	.59	.74	.89	31.1	9.1	3.26	.60	.76	.92
	1200	565	38.0	11.1	2.22	.59	.75	.90	36.1	10.6	2.52	.60	.77	.92	34.1	10.0	2.86	.62	.79	.95	31.8	9.3	3.26	.64	.82	.98
	1400	660	38.7	11.3	2.23	.62	.79	.95	36.8	10.8	2.52	.63	.82	.97	34.6	10.1	2.87	.65	.84	.99	32.4	9.5	3.27	.67	.88	1.00
71°F (22°C)	1000	470	39.6	11.6	2.23	.42	.55	.68	37.6	11.0	2.53	.42	.56	.69	35.5	10.4	2.87	.43	.57	.71	33.2	9.7	3.28	.43	.59	.74
	1200	565	40.5	11.9	2.23	.43	.58	.72	38.5	11.3	2.53	.43	.59	.74	36.2	10.6	2.88	.44	.61	.77	33.9	9.9	3.28	.45	.62	.80
	1400	660	41.2	12.1	2.24	.44	.61	.77	39.0	11.4	2.54	.45	.62	.80	36.8	10.8	2.88	.46	.64	.82	34.3	10.1	3.28	.46	.66	.86

HPXB15-036 — CB31MV-41 - CBX32MV-036 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.3	10.1	2.21	.73	.87	.99	32.6	9.6	2.51	.75	.90	1.00	30.9	9.1	2.85	.77	.92	1.00	28.9	8.5	3.26	.79	.95	1.00
	1200	565	35.4	10.4	2.22	.78	.93	1.00	33.6	9.8	2.52	.80	.95	1.00	31.8	9.3	2.86	.82	.97	1.00	29.9	8.8	3.26	.85	1.00	1.00
	1400	660	36.3	10.6	2.22	.82	.98	1.00	34.6	10.1	2.52	.84	.99	1.00	32.9	9.6	2.86	.87	1.00	1.00	31.0	9.1	3.27	.90	1.00	1.00
67°F (19°C)	1000	470	36.5	10.7	2.23	.57	.71	.84	34.7	10.2	2.52	.58	.72	.86	32.8	9.6	2.87	.59	.74	.88	30.7	9.0	3.27	.61	.77	.92
	1200	565	37.5	11.0	2.23	.60	.75	.90	35.6	10.4	2.53	.61	.77	.92	33.5	9.8	2.88	.62	.80	.95	31.4	9.2	3.27	.64	.82	.97
	1400	660	38.2	11.2	2.24	.62	.80	.95	36.2	10.6	2.53	.64	.82	.97	34.2	10.0	2.88	.65	.85	.99	31.9	9.3	3.28	.67	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.24	.43	.55	.68	37.1	10.9	2.53	.43	.56	.70	35.0	10.3	2.88	.43	.58	.72	32.8	9.6	3.29	.44	.59	.74
	1200	565	39.9	11.7	2.24	.44	.58	.73	37.9	11.1	2.54	.44	.60	.75	35.7	10.5	2.89	.45	.61	.77	33.4	9.8	3.29	.46	.63	.80
	1400	660	40.6	11.9	2.25	.45	.61	.78	38.6	11.3	2.54	.45	.62	.80	36.3	10.6	2.89	.46	.64	.82	33.9	9.9	3.29	.47	.67	.85

HPXB15-036 - CB29M-46 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.2	12.4	2.57	34.4	10.1	2.43	26.6	7.8	2.28	18.2	5.3	2.05	9.1	2.7	1.52
1200	565	42.3	12.4	2.46	34.5	10.1	2.32	26.7	7.8	2.17	18.3	5.4	1.94	9.2	2.7	1.41
1400	660	43.1	12.6	2.35	35.3	10.3	2.21	27.5	8.1	2.06	19.1	5.6	1.83	10.0	2.9	1.30

HPXB15-036 - CB31MV-41 - CBX32MV-036 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	41.4	12.1	2.54	33.4	9.8	2.38	25.5	7.5	2.23	17.3	5.1	1.99	8.5	2.5	1.49
1200	565	41.9	12.3	2.41	33.9	9.9	2.25	26.0	7.6	2.10	17.8	5.2	1.86	9.0	2.6	1.36
1400	660	42.2	12.4	2.32	34.2	10.0	2.16	26.3	7.7	2.01	18.1	5.3	1.77	9.3	2.7	1.27

HPXB15-036 - CB29M-46 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.46	42.3	12.4
60	16	2.42	40.3	11.8
55	13	2.39	38.4	11.3
50	10	2.35	36.4	10.7
47	8	2.33	35.2	10.3
45	7	2.32	34.5	10.1
40	4	2.27	32.7	9.6
35	2	2.23	30.9	9.1
30	-1	2.20	28.8	8.4
25	-4	2.17	26.7	7.8
20	-7	2.14	24.6	7.2
17	-8	2.12	23.3	6.8
15	-9	2.11	22.5	6.6
10	-12	2.07	20.5	6.0
5	-15	1.94	18.3	5.4
0	-18	1.81	16.0	4.7
-5	-21	1.67	13.7	4.0
-10	-23	1.54	11.5	3.4
-15	-26	1.41	9.2	2.7
-20	-29	1.27	7.0	2.1

HPXB15-036 - CB31MV-41 - CBX32MV-036 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.41	41.9	12.3
60	16	2.37	39.9	11.7
55	13	2.33	37.9	11.1
50	10	2.30	35.9	10.5
47	8	2.27	34.7	10.2
45	7	2.25	33.9	9.9
40	4	2.21	32.0	9.4
35	2	2.16	30.1	8.8
30	-1	2.13	28.0	8.2
25	-4	2.10	26.0	7.6
20	-7	2.06	24.0	7.0
17	-8	2.05	22.8	6.7
15	-9	2.03	22.0	6.4
10	-12	1.99	20.0	5.9
5	-15	1.86	17.8	5.2
0	-18	1.74	15.6	4.6
-5	-21	1.61	13.4	3.9
-10	-23	1.48	11.2	3.3
-15	-26	1.36	9.0	2.6
-20	-29	1.23	6.8	2.0

RATINGS

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

HPXB15-036 — CB30M-31 — CB30U-31 - CBX32M-030 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	2.21	.73	.87	.99	33.3	9.8	2.50	.74	.89	1.00	31.5	9.2	2.84	.76	.92	1.00	29.5	8.6	3.25	.79	.95	1.00
	1200	565	36.1	10.6	2.21	.77	.93	1.00	34.3	10.1	2.51	.79	.95	1.00	32.5	9.5	2.85	.82	.98	1.00	30.5	8.9	3.25	.84	1.00	1.00
	1400	660	37.0	10.8	2.21	.81	.98	1.00	35.3	10.3	2.51	.84	.99	1.00	33.5	9.8	2.85	.86	1.00	1.00	31.6	9.3	3.26	.90	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.22	.57	.70	.84	35.4	10.4	2.51	.58	.72	.86	33.4	9.8	2.86	.59	.74	.89	31.2	9.1	3.26	.60	.76	.92
	1200	565	38.1	11.2	2.22	.59	.75	.90	36.2	10.6	2.52	.60	.77	.92	34.2	10.0	2.86	.62	.79	.95	31.9	9.3	3.26	.63	.82	.98
	1400	660	38.8	11.4	2.23	.62	.79	.95	36.9	10.8	2.52	.63	.81	.97	34.7	10.2	2.87	.65	.84	.99	32.5	9.5	3.27	.67	.88	1.00
71°F (22°C)	1000	470	39.7	11.6	2.23	.42	.55	.68	37.7	11.0	2.53	.43	.56	.69	35.6	10.4	2.87	.43	.57	.71	33.3	9.8	3.28	.43	.59	.74
	1200	565	40.6	11.9	2.23	.43	.58	.73	38.6	11.3	2.53	.44	.59	.74	36.3	10.6	2.88	.44	.61	.77	34.0	10.0	3.28	.45	.62	.80
	1400	660	41.3	12.1	2.24	.44	.61	.77	39.2	11.5	2.54	.45	.62	.79	36.9	10.8	2.88	.45	.64	.82	34.4	10.1	3.28	.46	.66	.86

HPXB15-036 — CB29M-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	35.5	10.4	2.22	.73	.87	.99	33.8	9.9	2.52	.75	.89	1.00	32.0	9.4	2.87	.77	.92	1.00	30.0	8.8	3.28	.79	.95	1.00
	1200	565	36.6	10.7	2.23	.78	.93	1.00	34.8	10.2	2.53	.79	.95	1.00	33.0	9.7	2.88	.82	.97	1.00	31.1	9.1	3.28	.84	.99	1.00
	1400	660	37.5	11.0	2.23	.82	.98	1.00	35.8	10.5	2.53	.84	.99	1.00	34.1	10.0	2.88	.87	1.00	1.00	32.2	9.4	3.29	.90	1.00	1.00
67°F (19°C)	1000	470	37.8	11.1	2.23	.57	.71	.84	35.9	10.5	2.53	.58	.72	.86	33.9	9.9	2.88	.59	.74	.89	31.8	9.3	3.29	.60	.77	.91
	1200	565	38.7	11.3	2.24	.60	.75	.90	36.8	10.8	2.54	.61	.77	.92	34.7	10.2	2.89	.62	.80	.95	32.6	9.6	3.29	.64	.82	.98
	1400	660	39.5	11.6	2.25	.62	.80	.95	37.5	11.0	2.54	.64	.82	.97	35.4	10.4	2.89	.65	.84	.99	33.1	9.7	3.30	.67	.88	1.00
71°F (22°C)	1000	470	40.3	11.8	2.25	.43	.56	.68	38.4	11.3	2.55	.43	.57	.70	36.3	10.6	2.90	.44	.58	.72	34.0	10.0	3.31	.44	.59	.74
	1200	565	41.3	12.1	2.25	.44	.58	.73	39.2	11.5	2.56	.44	.59	.75	37.0	10.8	2.90	.45	.61	.77	34.7	10.2	3.31	.45	.63	.80
	1400	660	41.9	12.3	2.26	.45	.61	.78	39.9	11.7	2.56	.45	.63	.80	37.6	11.0	2.91	.46	.64	.82	35.2	10.3	3.32	.47	.66	.86

HPXB15-036 - CB30M-31 — CB30U-31 - CBX32M-030 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	41.9	12.3	2.57	34.1	10.0	2.43	26.2	7.7	2.28	17.9	5.2	2.05	9.0	2.6	1.52
1200	565	42.0	12.3	2.46	34.2	10.0	2.32	26.3	7.7	2.17	18.0	5.3	1.94	9.1	2.7	1.41
1400	660	42.8	12.5	2.35	35.0	10.3	2.21	27.1	7.9	2.06	18.8	5.5	1.83	9.9	2.9	1.30

HPXB15-036 - CB29M-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.4	12.4	2.63	34.6	10.1	2.48	26.8	7.9	2.33	18.4	5.4	2.10	9.2	2.7	1.55
1200	565	42.5	12.5	2.51	34.7	10.2	2.36	26.9	7.9	2.21	18.5	5.4	1.98	9.3	2.7	1.43
1400	660	43.2	12.7	2.40	35.4	10.4	2.25	27.6	8.1	2.10	19.2	5.6	1.87	10.0	2.9	1.32

HPXB15-036 - CB30M-31/CB30U-31 - CBX32M-030 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.46	42.0	12.3
60	16	2.42	40.0	11.7
55	13	2.39	38.1	11.2
50	10	2.35	36.1	10.6
47	8	2.33	34.9	10.2
45	7	2.32	34.2	10.0
40	4	2.27	32.4	9.5
35	2	2.23	30.6	9.0
30	-1	2.20	28.5	8.4
25	-4	2.17	26.3	7.7
20	-7	2.14	24.2	7.1
17	-8	2.12	23.0	6.7
15	-9	2.11	22.2	6.5
10	-12	2.07	20.2	5.9
5	-15	1.94	18.0	5.3
0	-18	1.81	15.8	4.6
-5	-21	1.67	13.5	4.0
-10	-23	1.54	11.3	3.3
-15	-26	1.41	9.1	2.7
-20	-29	1.27	6.9	2.0

HPXB15-036 - CB29M-51 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.51	42.5	12.5
60	16	2.48	40.5	11.9
55	13	2.44	38.5	11.3
50	10	2.40	36.5	10.7
47	8	2.38	35.4	10.4
45	7	2.36	34.7	10.2
40	4	2.32	32.9	9.6
35	2	2.27	31.1	9.1
30	-1	2.24	29.0	8.5
25	-4	2.21	26.9	7.9
20	-7	2.18	24.8	7.3
17	-8	2.16	23.5	6.9
15	-9	2.15	22.8	6.7
10	-12	2.11	20.8	6.1
5	-15	1.98	18.5	5.4
0	-18	1.84	16.2	4.7
-5	-21	1.70	13.9	4.1
-10	-23	1.57	11.6	3.4
-15	-26	1.43	9.3	2.7
-20	-29	1.30	7.1	2.1

RATINGS

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

HPXB15-036 — CB30M-46 - CBX32M-042 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	35.1	10.3	2.21	.74	.88	1.00	33.3	9.8	2.50	.75	.90	1.00	31.3	9.2	2.85	.78	.93	1.00	29.3	8.6	3.25	.80	.97	1.00
	1200	565	36.2	10.6	2.22	.79	.95	1.00	34.4	10.1	2.51	.81	.97	1.00	32.4	9.5	2.85	.83	1.00	1.00	30.5	8.9	3.26	.86	1.00	1.00
	1400	660	37.3	10.9	2.22	.83	1.00	1.00	35.5	10.4	2.52	.86	1.00	1.00	33.7	9.9	2.86	.88	1.00	1.00	31.7	9.3	3.26	.92	1.00	1.00
67°F (19°C)	1000	470	37.5	11.0	2.22	.58	.71	.85	35.5	10.4	2.52	.59	.73	.87	33.5	9.8	2.86	.60	.75	.90	31.2	9.1	3.26	.61	.78	.93
	1200	565	38.6	11.3	2.23	.60	.76	.91	36.5	10.7	2.53	.61	.78	.94	34.3	10.1	2.87	.63	.81	.97	32.0	9.4	3.27	.65	.84	1.00
	1400	660	39.3	11.5	2.24	.63	.81	.97	37.2	10.9	2.53	.65	.83	1.00	35.0	10.3	2.87	.67	.86	1.00	32.6	9.6	3.28	.69	.90	1.00
71°F (22°C)	1000	470	40.1	11.8	2.24	.43	.56	.69	38.0	11.1	2.54	.44	.57	.70	35.8	10.5	2.88	.44	.58	.73	33.4	9.8	3.28	.44	.60	.75
	1200	565	41.2	12.1	2.25	.44	.59	.74	39.0	11.4	2.54	.45	.60	.76	36.7	10.8	2.89	.45	.62	.78	34.2	10.0	3.29	.46	.63	.81
	1400	660	42.0	12.3	2.25	.45	.62	.79	39.7	11.6	2.55	.46	.64	.81	37.3	10.9	2.89	.47	.65	.84	34.7	10.2	3.29	.47	.68	.88

HPXB15-036 — CB30M-41 — CB30U-41/46 - CBX32M-036 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	35.5	10.4	2.22	.73	.87	.99	33.8	9.9	2.52	.75	.89	1.00	32.0	9.4	2.87	.77	.92	1.00	30.0	8.8	3.28	.79	.95	1.00
	1200	565	36.6	10.7	2.23	.78	.93	1.00	34.8	10.2	2.53	.79	.95	1.00	33.0	9.7	2.88	.82	.97	1.00	31.1	9.1	3.28	.84	.99	1.00
	1400	660	37.5	11.0	2.23	.82	.98	1.00	35.8	10.5	2.53	.84	.99	1.00	34.1	10.0	2.88	.87	1.00	1.00	32.2	9.4	3.29	.90	1.00	1.00
67°F (19°C)	1000	470	37.8	11.1	2.23	.57	.71	.84	35.9	10.5	2.53	.58	.72	.86	33.9	9.9	2.88	.59	.74	.89	31.8	9.3	3.29	.60	.77	.91
	1200	565	38.7	11.3	2.24	.60	.75	.90	36.8	10.8	2.54	.61	.77	.92	34.7	10.2	2.89	.62	.80	.95	32.6	9.6	3.29	.64	.82	.98
	1400	660	39.5	11.6	2.25	.62	.80	.95	37.5	11.0	2.54	.64	.82	.97	35.4	10.4	2.89	.65	.84	.99	33.1	9.7	3.30	.67	.88	1.00
71°F (22°C)	1000	470	40.3	11.8	2.25	.43	.56	.68	38.4	11.3	2.55	.43	.57	.70	36.3	10.6	2.90	.44	.58	.72	34.0	10.0	3.31	.44	.59	.74
	1200	565	41.3	12.1	2.25	.44	.58	.73	39.2	11.5	2.56	.44	.59	.75	37.0	10.8	2.90	.45	.61	.77	34.7	10.2	3.31	.45	.63	.80
	1400	660	41.9	12.3	2.26	.45	.61	.78	39.9	11.7	2.56	.45	.63	.80	37.6	11.0	2.91	.46	.64	.82	35.2	10.3	3.32	.47	.66	.86

HPXB15-036 - CB30M-46 - CBX32M-042 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.1	12.3	2.54	34.1	10.0	2.39	26.2	7.7	2.25	17.8	5.2	2.02	9.0	2.6	1.50
1200	565	42.2	12.4	2.42	34.2	10.0	2.28	26.3	7.7	2.13	17.9	5.2	1.90	9.1	2.7	1.38
1400	660	42.9	12.6	2.32	34.9	10.2	2.18	27.0	7.9	2.03	18.6	5.5	1.80	9.8	2.9	1.28

HPXB15-036 - CB30M-41 — CB30U-41/46 - CBX32M-036 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.2	12.4	2.55	34.3	10.1	2.41	26.4	7.7	2.26	17.9	5.2	2.03	9.0	2.6	1.50
1200	565	42.3	12.4	2.44	34.4	10.1	2.30	26.5	7.8	2.15	18.0	5.3	1.92	9.1	2.7	1.39
1400	660	43.0	12.6	2.33	35.1	10.3	2.18	27.2	8.0	2.03	18.7	5.5	1.80	9.8	2.9	1.28

HPXB15-036 - CB30M-46 - CBX32M-042 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.42	42.2	12.4
60	16	2.39	40.2	11.8
55	13	2.35	38.2	11.2
50	10	2.32	36.1	10.6
47	8	2.30	34.9	10.2
45	7	2.28	34.2	10.0
40	4	2.23	32.4	9.5
35	2	2.19	30.6	9.0
30	-1	2.16	28.4	8.3
25	-4	2.13	26.3	7.7
20	-7	2.10	24.2	7.1
17	-8	2.08	22.9	6.7
15	-9	2.07	22.1	6.5
10	-12	2.03	20.1	5.9
5	-15	1.90	17.9	5.2
0	-18	1.77	15.7	4.6
-5	-21	1.64	13.5	4.0
-10	-23	1.51	11.3	3.3
-15	-26	1.38	9.1	2.7
-20	-29	1.25	6.9	2.0

HPXB15-036 - CB30M-41-CB30U-41/46-CBX32M-036 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.44	42.3	12.4
60	16	2.41	40.3	11.8
55	13	2.37	38.3	11.2
50	10	2.34	36.3	10.6
47	8	2.31	35.1	10.3
45	7	2.30	34.4	10.1
40	4	2.25	32.6	9.6
35	2	2.21	30.7	9.0
30	-1	2.18	28.6	8.4
25	-4	2.15	26.5	7.8
20	-7	2.12	24.3	7.1
17	-8	2.10	23.1	6.8
15	-9	2.09	22.3	6.5
10	-12	2.05	20.3	5.9
5	-15	1.92	18.0	5.3
0	-18	1.79	15.8	4.6
-5	-21	1.66	13.6	4.0
-10	-23	1.52	11.4	3.3
-15	-26	1.39	9.1	2.7
-20	-29	1.26	6.9	2.0

RATINGS

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

HPXB15-036 — CVP10-31/EC10Q3 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.3	10.1	2.24	.73	.87	.98	32.7	9.6	2.54	.75	.89	.99	31.0	9.1	2.89	.76	.91	1.00	29.2	8.6	3.30	.78	.94	1.00
	1200	565	35.4	10.4	2.24	.78	.92	1.00	33.8	9.9	2.54	.79	.94	1.00	32.0	9.4	2.89	.81	.97	1.00	30.2	8.9	3.30	.84	.99	1.00
	1400	660	36.3	10.6	2.24	.82	.97	1.00	34.7	10.2	2.54	.84	.99	1.00	33.0	9.7	2.90	.86	1.00	1.00	31.3	9.2	3.30	.89	1.00	1.00
67°F (19°C)	1000	470	36.4	10.7	2.24	.57	.71	.84	34.7	10.2	2.55	.58	.72	.86	32.9	9.6	2.90	.59	.74	.88	31.0	9.1	3.30	.60	.76	.91
	1200	565	37.4	11.0	2.25	.60	.75	.90	35.6	10.4	2.55	.61	.77	.92	33.7	9.9	2.90	.62	.79	.94	31.7	9.3	3.31	.64	.82	.97
	1400	660	38.1	11.2	2.25	.62	.80	.95	36.3	10.6	2.56	.64	.82	.96	34.4	10.1	2.91	.65	.84	.99	32.3	9.5	3.32	.67	.87	1.00
71°F (22°C)	1000	470	38.9	11.4	2.26	.43	.55	.68	37.1	10.9	2.56	.43	.56	.70	35.1	10.3	2.91	.43	.58	.72	33.1	9.7	3.32	.44	.59	.74
	1200	565	39.8	11.7	2.26	.44	.58	.73	37.9	11.1	2.56	.44	.59	.75	35.9	10.5	2.92	.45	.61	.77	33.8	9.9	3.33	.45	.62	.79
	1400	660	40.5	11.9	2.27	.45	.61	.77	38.6	11.3	2.57	.45	.62	.80	36.5	10.7	2.92	.46	.64	.82	34.2	10.0	3.33	.46	.66	.85

HPXB15-036 — CVP10-41/EC10Q3 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.3	10.1	2.22	.73	.87	.99	32.6	9.6	2.51	.75	.90	1.00	30.9	9.1	2.86	.77	.92	1.00	28.9	8.5	3.26	.79	.95	1.00
	1200	565	35.4	10.4	2.22	.78	.93	1.00	33.7	9.9	2.52	.80	.95	1.00	31.9	9.3	2.87	.82	.97	1.00	29.9	8.8	3.27	.85	1.00	1.00
	1400	660	36.4	10.7	2.23	.82	.98	1.00	34.7	10.2	2.52	.84	.99	1.00	32.9	9.6	2.87	.87	1.00	1.00	31.0	9.1	3.27	.90	1.00	1.00
67°F (19°C)	1000	470	36.5	10.7	2.23	.57	.71	.84	34.7	10.2	2.52	.58	.72	.86	32.8	9.6	2.87	.59	.74	.88	30.7	9.0	3.27	.61	.77	.92
	1200	565	37.5	11.0	2.23	.60	.75	.90	35.6	10.4	2.53	.61	.77	.92	33.6	9.8	2.88	.62	.79	.95	31.4	9.2	3.28	.64	.82	.97
	1400	660	38.2	11.2	2.23	.63	.80	.95	36.3	10.6	2.54	.64	.82	.97	34.2	10.0	2.88	.65	.85	.99	32.0	9.4	3.28	.68	.88	1.00
71°F (22°C)	1000	470	39.0	11.4	2.24	.43	.55	.68	37.1	10.9	2.54	.43	.56	.70	35.0	10.3	2.88	.43	.58	.72	32.8	9.6	3.29	.44	.59	.74
	1200	565	39.9	11.7	2.24	.44	.58	.73	38.0	11.1	2.54	.44	.59	.75	35.8	10.5	2.89	.45	.61	.77	33.4	9.8	3.29	.46	.63	.80
	1400	660	40.6	11.9	2.25	.45	.61	.78	38.6	11.3	2.55	.45	.63	.80	36.3	10.6	2.89	.46	.64	.83	33.9	9.9	3.30	.47	.67	.86

HPXB15-036 - CVP10-31/EC10Q3 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	43.1	12.6	2.75	35.0	10.3	2.57	26.9	7.9	2.41	18.5	5.4	2.13	9.1	2.7	1.59
1200	565	43.6	12.8	2.61	35.5	10.4	2.43	27.4	8.0	2.27	19.0	5.6	1.99	9.6	2.8	1.45
1400	660	43.9	12.9	2.51	35.8	10.5	2.34	27.7	8.1	2.17	19.3	5.7	1.90	9.9	2.9	1.36

HPXB15-036 - CVP10-41/EC10Q3 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	41.9	12.3	2.55	34.1	10.0	2.40	26.2	7.7	2.26	18.1	5.3	2.01	8.9	2.6	1.49
1200	565	42.4	12.4	2.43	34.6	10.1	2.28	26.7	7.8	2.13	18.6	5.5	1.88	9.4	2.8	1.37
1400	660	42.7	12.5	2.34	34.9	10.2	2.19	27.0	7.9	2.04	18.9	5.5	1.79	9.7	2.8	1.28

HPXB15-036 - CVP10-31/EC10Q3 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.61	43.6	12.8
60	16	2.56	41.6	12.2
55	13	2.52	39.6	11.6
50	10	2.48	37.5	11.0
47	8	2.45	36.3	10.6
45	7	2.43	35.5	10.4
40	4	2.40	33.5	9.8
35	2	2.36	31.5	9.2
30	-1	2.31	29.5	8.6
25	-4	2.27	27.4	8.0
20	-7	2.22	25.4	7.4
17	-8	2.19	24.2	7.1
15	-9	2.17	23.4	6.9
10	-12	2.13	21.4	6.3
5	-15	1.99	19.0	5.6
0	-18	1.86	16.7	4.9
-5	-21	1.72	14.3	4.2
-10	-23	1.59	12.0	3.5
-15	-26	1.45	9.6	2.8
-20	-29	1.31	7.3	2.1

HPXB15-036 - CVP10-41/EC10Q3 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.43	42.4	12.4
60	16	2.39	40.5	11.9
55	13	2.35	38.5	11.3
50	10	2.32	36.6	10.7
47	8	2.29	35.4	10.4
45	7	2.28	34.6	10.1
40	4	2.25	32.6	9.6
35	2	2.21	30.6	9.0
30	-1	2.17	28.7	8.4
25	-4	2.13	26.7	7.8
20	-7	2.09	24.8	7.3
17	-8	2.06	23.6	6.9
15	-9	2.05	22.8	6.7
10	-12	2.01	20.9	6.1
5	-15	1.88	18.6	5.5
0	-18	1.75	16.3	4.8
-5	-21	1.63	14.0	4.1
-10	-23	1.50	11.7	3.4
-15	-26	1.37	9.4	2.8
-20	-29	1.24	7.1	2.1

RATINGS

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

HPXB15-036 — C26-31 - C33-38A/B - CX34-38A/B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.1	10.0	2.22	.72	.86	.99	32.5	9.5	2.52	.73	.88	1.00	30.8	9.0	2.87	.74	.91	1.00	29.0	8.5	3.27	.77	.94	1.00
	1200	565	35.1	10.3	2.23	.76	.92	1.00	33.5	9.8	2.53	.78	.95	1.00	31.8	9.3	2.88	.80	.97	1.00	29.9	8.8	3.28	.83	.99	1.00
	1400	660	36.0	10.6	2.23	.80	.97	1.00	34.4	10.1	2.53	.82	.99	1.00	32.7	9.6	2.88	.85	1.00	1.00	30.9	9.1	3.29	.88	1.00	1.00
67°F (19°C)	1000	470	36.2	10.6	2.23	.56	.69	.83	34.5	10.1	2.53	.57	.71	.85	32.7	9.6	2.88	.58	.72	.87	30.7	9.0	3.29	.59	.74	.91
	1200	565	37.1	10.9	2.24	.58	.73	.89	35.3	10.3	2.54	.59	.75	.91	33.4	9.8	2.89	.60	.77	.94	31.3	9.2	3.30	.62	.80	.97
	1400	660	37.8	11.1	2.24	.61	.78	.94	36.0	10.6	2.54	.62	.80	.97	34.0	10.0	2.89	.64	.83	.99	31.9	9.3	3.30	.65	.86	1.00
71°F (22°C)	1000	470	38.6	11.3	2.25	.41	.54	.67	36.8	10.8	2.55	.42	.55	.68	34.8	10.2	2.89	.42	.56	.70	32.7	9.6	3.30	.43	.58	.72
	1200	565	39.5	11.6	2.25	.42	.57	.71	37.6	11.0	2.55	.43	.58	.73	35.6	10.4	2.90	.43	.59	.75	33.3	9.8	3.31	.44	.61	.78
	1400	660	40.2	11.8	2.25	.43	.60	.76	38.2	11.2	2.55	.44	.61	.78	36.1	10.6	2.91	.45	.62	.80	33.8	9.9	3.31	.45	.65	.84

HPXB15-036 — C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	35.1	10.3	2.23	.74	.88	.99	33.4	9.8	2.53	.75	.90	1.00	31.6	9.3	2.87	.77	.92	1.00	29.6	8.7	3.28	.80	.95	1.00
	1200	565	36.2	10.6	2.23	.78	.94	1.00	34.5	10.1	2.53	.80	.96	1.00	32.6	9.6	2.88	.83	.98	1.00	30.7	9.0	3.28	.85	1.00	1.00
	1400	660	37.2	10.9	2.24	.83	.98	1.00	35.5	10.4	2.53	.85	.99	1.00	33.7	9.9	2.88	.87	1.00	1.00	31.8	9.3	3.29	.91	1.00	1.00
67°F (19°C)	1000	470	37.3	10.9	2.24	.57	.71	.85	35.5	10.4	2.54	.58	.73	.87	33.5	9.8	2.88	.59	.75	.89	31.3	9.2	3.29	.61	.77	.92
	1200	565	38.2	11.2	2.24	.60	.76	.91	36.3	10.6	2.54	.61	.78	.93	34.3	10.1	2.89	.63	.80	.96	32.1	9.4	3.29	.64	.83	.98
	1400	660	38.9	11.4	2.25	.63	.81	.96	37.0	10.8	2.55	.64	.83	.98	34.9	10.2	2.90	.66	.85	1.00	32.7	9.6	3.30	.68	.88	1.00
71°F (22°C)	1000	470	39.7	11.6	2.25	.43	.56	.69	37.8	11.1	2.55	.43	.57	.70	35.7	10.5	2.90	.44	.58	.72	33.5	9.8	3.30	.44	.59	.75
	1200	565	40.7	11.9	2.25	.44	.59	.74	38.7	11.3	2.55	.44	.60	.76	36.5	10.7	2.90	.45	.61	.78	34.1	10.0	3.31	.45	.63	.81
	1400	660	41.4	12.1	2.26	.45	.62	.79	39.3	11.5	2.56	.46	.63	.81	37.0	10.8	2.91	.46	.65	.83	34.6	10.1	3.31	.47	.67	.86

HPXB15-036 - C26-31 - C33-38A/B - CX34-38A/B HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	41.7	12.2	2.69	34.0	10.0	2.56	26.3	7.7	2.45	18.1	5.3	2.13	9.1	2.7	1.61
1200	565	41.8	12.3	2.48	34.1	10.0	2.36	26.4	7.7	2.25	18.2	5.3	1.93	9.2	2.7	1.40
1400	660	42.2	12.4	2.40	34.5	10.1	2.27	26.8	7.9	2.16	18.6	5.5	1.84	9.6	2.8	1.32

HPXB15-036 - C26-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.2	12.4	2.58	34.3	10.1	2.43	26.4	7.7	2.27	18.0	5.3	2.04	9.1	2.7	1.51
1200	565	42.2	12.4	2.47	34.3	10.1	2.31	26.4	7.7	2.16	18.0	5.3	1.92	9.1	2.7	1.40
1400	660	42.9	12.6	2.36	35.0	10.3	2.21	27.1	7.9	2.05	18.7	5.5	1.82	9.8	2.9	1.29

HPXB15-036 - C26-31 - C33-38A/B - CX34-38A/B HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.48	41.8	12.3
60	16	2.44	39.8	11.7
55	13	2.41	37.9	11.1
50	10	2.37	36.0	10.6
47	8	2.34	34.8	10.2
45	7	2.36	34.1	10.0
40	4	2.39	32.3	9.5
35	2	2.42	30.4	8.9
30	-1	2.33	28.4	8.3
25	-4	2.25	26.4	7.7
20	-7	2.16	24.4	7.2
17	-8	2.11	23.2	6.8
15	-9	2.10	22.4	6.6
10	-12	2.06	20.5	6.0
5	-15	1.93	18.2	5.3
0	-18	1.80	16.0	4.7
-5	-21	1.67	13.7	4.0
-10	-23	1.53	11.5	3.4
-15	-26	1.40	9.2	2.7
-20	-29	1.27	7.0	2.1

HPXB15-036 - C26-41 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.47	42.2	12.4
60	16	2.43	40.2	11.8
55	13	2.39	38.2	11.2
50	10	2.35	36.2	10.6
47	8	2.33	35.0	10.3
45	7	2.31	34.3	10.1
40	4	2.27	32.5	9.5
35	2	2.22	30.7	9.0
30	-1	2.19	28.6	8.4
25	-4	2.16	26.4	7.7
20	-7	2.13	24.3	7.1
17	-8	2.11	23.0	6.7
15	-9	2.09	22.2	6.5
10	-12	2.06	20.3	5.9
5	-15	1.92	18.0	5.3
0	-18	1.79	15.8	4.6
-5	-21	1.66	13.6	4.0
-10	-23	1.53	11.4	3.3
-15	-26	1.40	9.1	2.7
-20	-29	1.27	6.9	2.0

RATINGS

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

HPXB15-036 — C26-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	2.22	.73	.87	.99	33.7	9.9	2.51	.74	.89	1.00	31.8	9.3	2.86	.76	.92	1.00	29.8	8.7	3.27	.79	.95	1.00
	1200	565	36.5	10.7	2.22	.77	.93	1.00	34.8	10.2	2.52	.79	.96	1.00	32.9	9.6	2.87	.82	.98	1.00	30.9	9.1	3.27	.85	1.00	1.00
	1400	660	37.6	11.0	2.23	.82	.98	1.00	35.8	10.5	2.53	.84	1.00	1.00	34.0	10.0	2.87	.87	1.00	1.00	32.1	9.4	3.28	.90	1.00	1.00
67°F (19°C)	1000	470	37.7	11.0	2.23	.57	.70	.84	35.8	10.5	2.53	.58	.72	.86	33.8	9.9	2.88	.59	.74	.89	31.6	9.3	3.28	.60	.76	.92
	1200	565	38.7	11.3	2.24	.60	.75	.90	36.7	10.8	2.53	.61	.77	.92	34.6	10.1	2.88	.62	.79	.96	32.4	9.5	3.28	.64	.82	.98
	1400	660	39.4	11.5	2.24	.62	.80	.96	37.4	11.0	2.54	.64	.82	.98	35.2	10.3	2.88	.65	.85	1.00	33.0	9.7	3.29	.67	.88	1.00
71°F (22°C)	1000	470	40.2	11.8	2.24	.42	.55	.68	38.2	11.2	2.54	.43	.56	.69	36.1	10.6	2.89	.43	.57	.71	33.8	9.9	3.29	.44	.59	.74
	1200	565	41.2	12.1	2.25	.43	.58	.73	39.1	11.5	2.55	.44	.59	.75	36.9	10.8	2.89	.44	.61	.77	34.4	10.1	3.30	.45	.63	.80
	1400	660	41.9	12.3	2.25	.44	.61	.78	39.7	11.6	2.55	.45	.63	.80	37.5	11.0	2.90	.46	.64	.83	35.0	10.3	3.30	.46	.66	.86

HPXB15-036 — CR26-36 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.9	10.2	2.20	.73	.87	.99	33.2	9.7	2.49	.75	.90	1.00	31.3	9.2	2.84	.77	.93	1.00	29.4	8.6	3.24	.79	.95	1.00
	1200	565	35.9	10.5	2.20	.78	.93	1.00	34.2	10.0	2.50	.79	.96	1.00	32.3	9.5	2.84	.82	.98	1.00	30.4	8.9	3.24	.85	1.00	1.00
	1400	660	36.9	10.8	2.21	.82	.98	1.00	35.2	10.3	2.50	.84	.99	1.00	33.4	9.8	2.84	.87	1.00	1.00	31.5	9.2	3.25	.90	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.21	.57	.71	.84	35.2	10.3	2.51	.58	.72	.86	33.2	9.7	2.85	.59	.75	.89	31.1	9.1	3.25	.61	.77	.92
	1200	565	38.0	11.1	2.21	.60	.75	.90	36.1	10.6	2.51	.61	.77	.93	34.0	10.0	2.85	.62	.80	.95	31.7	9.3	3.26	.64	.83	.98
	1400	660	38.7	11.3	2.22	.62	.80	.95	36.7	10.8	2.51	.64	.82	.97	34.6	10.1	2.86	.65	.85	.99	32.3	9.5	3.26	.68	.88	1.00
71°F (22°C)	1000	470	39.5	11.6	2.22	.42	.55	.68	37.6	11.0	2.52	.43	.56	.70	35.5	10.4	2.86	.43	.57	.72	33.2	9.7	3.26	.44	.59	.75
	1200	565	40.4	11.8	2.22	.43	.58	.73	38.4	11.3	2.52	.44	.60	.75	36.2	10.6	2.86	.44	.61	.77	33.8	9.9	3.27	.45	.63	.80
	1400	660	41.1	12.0	2.23	.44	.61	.78	39.0	11.4	2.52	.45	.62	.80	36.7	10.8	2.87	.46	.64	.83	34.2	10.0	3.27	.46	.67	.86

HPXB15-036 - C26-46 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	40.6	11.9	2.49	32.9	9.6	2.36	25.3	7.4	2.23	17.2	5.0	2.01	8.4	2.5	1.49
1200	565	41.1	12.0	2.38	33.4	9.8	2.25	25.8	7.6	2.12	17.7	5.2	1.90	8.9	2.6	1.38
1400	660	41.8	12.3	2.28	34.1	10.0	2.15	26.5	7.8	2.02	18.4	5.4	1.80	9.6	2.8	1.28

HPXB15-036 - CR26-36 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	43.2	12.7	2.67	35.1	10.3	2.52	27.0	7.9	2.36	18.3	5.4	2.12	8.9	2.6	1.56
1200	565	43.9	12.9	2.58	35.8	10.5	2.42	27.7	8.1	2.27	19.0	5.6	2.02	9.6	2.8	1.47
1400	660	43.9	12.9	2.45	35.8	10.5	2.30	27.7	8.1	2.14	19.0	5.6	1.90	9.6	2.8	1.34

HPXB15-036 - C26-46 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.38	41.1	12.0
60	16	2.35	39.1	11.5
55	13	2.32	37.2	10.9
50	10	2.29	35.3	10.3
47	8	2.27	34.1	10.0
45	7	2.25	33.4	9.8
40	4	2.21	31.7	9.3
35	2	2.17	29.9	8.8
30	-1	2.15	27.9	8.2
25	-4	2.12	25.8	7.6
20	-7	2.09	23.8	7.0
17	-8	2.08	22.5	6.6
15	-9	2.06	21.8	6.4
10	-12	2.03	19.8	5.8
5	-15	1.90	17.7	5.2
0	-18	1.77	15.5	4.5
-5	-21	1.64	13.3	3.9
-10	-23	1.51	11.1	3.3
-15	-26	1.38	8.9	2.6
-20	-29	1.25	6.8	2.0

HPXB15-036 - CR26-36 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.58	43.9	12.9
60	16	2.54	41.9	12.3
55	13	2.50	39.8	11.7
50	10	2.47	37.8	11.1
47	8	2.44	36.5	10.7
45	7	2.42	35.8	10.5
40	4	2.38	33.9	9.9
35	2	2.33	32.1	9.4
30	-1	2.30	29.9	8.8
25	-4	2.27	27.7	8.1
20	-7	2.24	25.5	7.5
17	-8	2.22	24.2	7.1
15	-9	2.20	23.4	6.9
10	-12	2.16	21.3	6.2
5	-15	2.02	19.0	5.6
0	-18	1.89	16.6	4.9
-5	-21	1.75	14.3	4.2
-10	-23	1.61	12.0	3.5
-15	-26	1.47	9.6	2.8
-20	-29	1.33	7.3	2.1

RATINGS

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

HPXB15-036 — CR26-48 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	34.9	10.2	2.22	.71	.85	.98	33.2	9.7	2.52	.72	.87	1.00	31.5	9.2	2.86	.74	.90	1.00	29.5	8.6	3.27	.77	.93	1.00
	1200	565	36.0	10.6	2.22	.75	.91	1.00	34.2	10.0	2.53	.77	.93	1.00	32.4	9.5	2.87	.79	.96	1.00	30.5	8.9	3.28	.82	.99	1.00
	1400	660	36.9	10.8	2.23	.79	.96	1.00	35.1	10.3	2.53	.81	.98	1.00	33.3	9.8	2.88	.84	1.00	1.00	31.5	9.2	3.28	.87	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.23	.56	.68	.82	35.4	10.4	2.53	.56	.70	.84	33.5	9.8	2.88	.57	.72	.87	31.4	9.2	3.29	.59	.74	.89
	1200	565	38.2	11.2	2.24	.58	.73	.87	36.3	10.6	2.54	.59	.75	.90	34.3	10.1	2.89	.60	.77	.93	32.1	9.4	3.29	.62	.80	.96
	1400	660	38.9	11.4	2.24	.60	.77	.93	37.0	10.8	2.54	.61	.79	.95	34.9	10.2	2.89	.63	.82	.98	32.7	9.6	3.29	.65	.85	1.00
71°F (22°C)	1000	470	39.7	11.6	2.25	.42	.54	.66	37.9	11.1	2.54	.42	.55	.67	35.8	10.5	2.89	.42	.56	.69	33.6	9.8	3.30	.43	.57	.71
	1200	565	40.7	11.9	2.25	.43	.56	.70	38.7	11.3	2.55	.43	.57	.72	36.6	10.7	2.90	.43	.59	.74	34.3	10.1	3.30	.44	.61	.77
	1400	660	41.5	12.2	2.26	.43	.59	.74	39.4	11.5	2.56	.44	.60	.77	37.2	10.9	2.90	.45	.62	.79	34.8	10.2	3.31	.45	.64	.83

HPXB15-036 — CH33-36A-2F - CH23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	.73	.87	.99	32.5	9.5	2.52	.74	.90	1.00	30.7	9.0	2.87	.76	.93	1.00	28.8	8.4	3.27	.79	.95	1.00
	1200	565	35.2	10.3	2.23	.77	.94	1.00	33.6	9.8	2.52	.79	.96	1.00	31.7	9.3	2.87	.82	.98	1.00	29.9	8.8	3.28	.85	1.00	1.00
	1400	660	36.2	10.6	2.23	.82	.98	1.00	34.5	10.1	2.53	.84	1.00	1.00	32.8	9.6	2.88	.87	1.00	1.00	30.9	9.1	3.28	.90	1.00	1.00
67°F (19°C)	1000	470	36.2	10.6	2.23	.57	.70	.84	34.5	10.1	2.53	.57	.72	.86	32.5	9.5	2.88	.59	.74	.89	30.4	8.9	3.28	.60	.76	.93
	1200	565	37.2	10.9	2.24	.59	.75	.90	35.3	10.3	2.53	.60	.77	.93	33.3	9.8	2.88	.62	.79	.95	31.1	9.1	3.29	.64	.83	.99
	1400	660	37.9	11.1	2.24	.62	.80	.96	35.9	10.5	2.54	.64	.82	.98	33.9	9.9	2.89	.65	.85	1.00	31.6	9.3	3.29	.67	.88	1.00
71°F (22°C)	1000	470	38.6	11.3	2.24	.42	.55	.68	36.7	10.8	2.54	.42	.56	.70	34.7	10.2	2.89	.43	.57	.71	32.4	9.5	3.29	.43	.59	.74
	1200	565	39.5	11.6	2.25	.43	.58	.73	37.5	11.0	2.55	.44	.59	.75	35.4	10.4	2.89	.44	.61	.77	33.0	9.7	3.30	.45	.63	.80
	1400	660	40.2	11.8	2.25	.44	.61	.77	38.1	11.2	2.55	.45	.63	.80	35.9	10.5	2.90	.45	.64	.83	33.5	9.8	3.30	.46	.66	.86

HPXB15-036 - CR26-48 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.6	12.5	2.65	34.7	10.2	2.50	26.8	7.9	2.35	18.3	5.4	2.11	9.2	2.7	1.56
1200	565	42.7	12.5	2.53	34.8	10.2	2.38	26.9	7.9	2.23	18.4	5.4	1.99	9.3	2.7	1.45
1400	660	43.4	12.7	2.42	35.5	10.4	2.27	27.6	8.1	2.12	19.1	5.6	1.88	10.0	2.9	1.34

HPXB15-036 - CH33-36A-2F - CH23-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.3	12.4	2.81	34.5	10.1	2.65	26.7	7.8	2.49	18.4	5.4	2.24	9.3	2.7	1.66
1200	565	42.3	12.4	2.68	34.5	10.1	2.52	26.7	7.8	2.36	18.4	5.4	2.11	9.3	2.7	1.53
1400	660	43.1	12.6	2.57	35.3	10.3	2.41	27.5	8.1	2.25	19.2	5.6	2.00	10.1	3.0	1.42

HPXB15-036 - CR26-48 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.53	42.7	12.5
60	16	2.50	40.7	11.9
55	13	2.46	38.7	11.3
50	10	2.42	36.7	10.8
47	8	2.40	35.5	10.4
45	7	2.38	34.8	10.2
40	4	2.34	33.0	9.7
35	2	2.29	31.1	9.1
30	-1	2.26	29.0	8.5
25	-4	2.23	26.9	7.9
20	-7	2.20	24.8	7.3
17	-8	2.18	23.5	6.9
15	-9	2.17	22.7	6.7
10	-12	2.13	20.7	6.1
5	-15	1.99	18.4	5.4
0	-18	1.86	16.2	4.7
-5	-21	1.72	13.9	4.1
-10	-23	1.58	11.6	3.4
-15	-26	1.45	9.3	2.7
-20	-29	1.31	7.1	2.1

HPXB15-036 - CH33-36A-2F - CH23-41 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.68	42.3	12.4
60	16	2.64	40.3	11.8
55	13	2.60	38.3	11.2
50	10	2.57	36.4	10.7
47	8	2.54	35.2	10.3
45	7	2.52	34.5	10.1
40	4	2.48	32.7	9.6
35	2	2.43	30.9	9.1
30	-1	2.39	28.8	8.4
25	-4	2.36	26.7	7.8
20	-7	2.33	24.6	7.2
17	-8	2.31	23.4	6.9
15	-9	2.29	22.6	6.6
10	-12	2.25	20.6	6.0
5	-15	2.11	18.4	5.4
0	-18	1.96	16.1	4.7
-5	-21	1.82	13.8	4.0
-10	-23	1.68	11.6	3.4
-15	-26	1.53	9.3	2.7
-20	-29	1.39	7.0	2.1

RATINGS

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

HPXB15-036 — CH33-42B-2F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	35.1	10.3	2.22	.72	.87	.99	33.4	9.8	2.52	.74	.89	1.00	31.6	9.3	2.87	.76	.92	1.00	29.6	8.7	3.28	.78	.95	1.00
	1200	565	36.2	10.6	2.23	.77	.93	1.00	34.4	10.1	2.53	.79	.96	1.00	32.6	9.6	2.88	.81	.98	1.00	30.7	9.0	3.28	.84	1.00	1.00
	1400	660	37.2	10.9	2.23	.81	.98	1.00	35.5	10.4	2.53	.84	.99	1.00	33.7	9.9	2.88	.86	1.00	1.00	31.8	9.3	3.29	.90	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	2.24	.56	.70	.84	35.4	10.4	2.53	.57	.71	.86	33.5	9.8	2.88	.58	.73	.88	31.3	9.2	3.29	.60	.76	.92
	1200	565	38.2	11.2	2.24	.59	.75	.90	36.3	10.6	2.54	.60	.76	.92	34.3	10.1	2.89	.62	.79	.95	32.0	9.4	3.29	.63	.82	.98
	1400	660	38.9	11.4	2.25	.62	.79	.95	37.0	10.8	2.55	.63	.82	.98	34.9	10.2	2.89	.65	.84	1.00	32.6	9.6	3.30	.67	.88	1.00
71°F (22°C)	1000	470	39.7	11.6	2.25	.42	.55	.67	37.8	11.1	2.55	.42	.56	.69	35.7	10.5	2.89	.43	.57	.71	33.4	9.8	3.30	.43	.58	.74
	1200	565	40.7	11.9	2.25	.43	.58	.72	38.7	11.3	2.55	.43	.59	.74	36.4	10.7	2.90	.44	.60	.77	34.1	10.0	3.31	.45	.62	.80
	1400	660	41.4	12.1	2.26	.44	.61	.77	39.3	11.5	2.56	.45	.62	.79	37.0	10.8	2.90	.45	.64	.82	34.6	10.1	3.31	.46	.66	.85

HPXB15-036 — CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	.73	.87	.99	33.6	9.8	2.53	.74	.89	1.00	31.8	9.3	2.88	.76	.92	1.00	29.7	8.7	3.29	.79	.95	1.00
	1200	565	36.5	10.7	2.24	.77	.93	1.00	34.7	10.2	2.54	.79	.96	1.00	32.8	9.6	2.89	.82	.98	1.00	30.9	9.1	3.29	.85	1.00	1.00
	1400	660	37.5	11.0	2.24	.82	.98	1.00	35.8	10.5	2.54	.84	1.00	1.00	34.0	10.0	2.89	.87	1.00	1.00	32.1	9.4	3.30	.90	1.00	1.00
67°F (19°C)	1000	470	37.6	11.0	2.24	.57	.70	.84	35.8	10.5	2.55	.58	.72	.86	33.7	9.9	2.89	.59	.74	.89	31.6	9.3	3.30	.60	.76	.92
	1200	565	38.6	11.3	2.25	.60	.75	.90	36.7	10.8	2.55	.61	.77	.93	34.6	10.1	2.90	.62	.79	.96	32.3	9.5	3.30	.64	.82	.98
	1400	660	39.4	11.5	2.25	.62	.80	.96	37.4	11.0	2.55	.64	.82	.98	35.2	10.3	2.90	.65	.85	1.00	32.9	9.6	3.31	.68	.88	1.00
71°F (22°C)	1000	470	40.2	11.8	2.26	.42	.55	.68	38.2	11.2	2.56	.43	.56	.69	36.0	10.6	2.91	.43	.57	.72	33.7	9.9	3.31	.43	.59	.74
	1200	565	41.1	12.0	2.27	.43	.58	.73	39.1	11.5	2.56	.44	.59	.75	36.8	10.8	2.91	.44	.61	.77	34.4	10.1	3.32	.45	.63	.80
	1400	660	41.9	12.3	2.27	.44	.61	.78	39.7	11.6	2.57	.45	.63	.80	37.4	11.0	2.92	.46	.64	.83	34.9	10.2	3.32	.47	.67	.86

HPXB15-036 - CH33-42B-2F - CH23-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.4	12.4	2.64	34.5	10.1	2.56	26.7	7.8	2.47	18.3	5.4	2.29	9.2	2.7	1.68
1200	565	42.5	12.5	2.52	34.6	10.1	2.44	26.8	7.9	2.35	18.4	5.4	2.17	9.3	2.7	1.56
1400	660	43.2	12.7	2.41	35.3	10.3	2.33	27.5	8.1	2.24	19.1	5.6	2.06	10.0	2.9	1.45

HPXB15-036 - CH23-65 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	42.0	12.3	2.54	34.3	10.1	2.41	26.6	7.8	2.28	18.3	5.4	2.06	9.2	2.7	1.52
1200	565	42.0	12.3	2.43	34.3	10.1	2.29	26.6	7.8	2.16	18.3	5.4	1.94	9.2	2.7	1.41
1400	660	42.7	12.5	2.33	35.0	10.3	2.19	27.3	8.0	2.06	19.0	5.6	1.84	9.9	2.9	1.31

HPXB15-036 - CH33-42B-2F - CH23-51 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.52	42.5	12.5
60	16	2.50	40.5	11.9
55	13	2.49	38.5	11.3
50	10	2.47	36.5	10.7
47	8	2.46	35.4	10.4
45	7	2.44	34.6	10.1
40	4	2.39	32.8	9.6
35	2	2.35	31.0	9.1
30	-1	2.35	28.9	8.5
25	-4	2.35	26.8	7.9
20	-7	2.35	24.7	7.2
17	-8	2.35	23.4	6.9
15	-9	2.34	22.6	6.6
10	-12	2.32	20.7	6.1
5	-15	2.17	18.4	5.4
0	-18	2.02	16.1	4.7
-5	-21	1.87	13.8	4.0
-10	-23	1.71	11.6	3.4
-15	-26	1.56	9.3	2.7
-20	-29	1.41	7.0	2.1

HPXB15-036 - CH23-65 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.43	42.0	12.3
60	16	2.39	40.1	11.8
55	13	2.36	38.1	11.2
50	10	2.33	36.2	10.6
47	8	2.31	35.0	10.3
45	7	2.29	34.3	10.1
40	4	2.25	32.5	9.5
35	2	2.21	30.7	9.0
30	-1	2.19	28.7	8.4
25	-4	2.16	26.6	7.8
20	-7	2.13	24.5	7.2
17	-8	2.12	23.3	6.8
15	-9	2.11	22.5	6.6
10	-12	2.07	20.5	6.0
5	-15	1.94	18.3	5.4
0	-18	1.81	16.0	4.7
-5	-21	1.67	13.8	4.0
-10	-23	1.54	11.5	3.4
-15	-26	1.41	9.2	2.7
-20	-29	1.27	7.0	2.1

RATINGS

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

HPXB15-042 — CB29M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	40.4	11.8	2.65	.73	.87	.99	38.6	11.3	3.01	.74	.89	1.00	36.8	10.8	3.43	.76	.91	1.00	34.8	10.2	3.92	.78	.94	1.00
	1400	660	41.4	12.1	2.65	.76	.92	1.00	39.6	11.6	3.02	.78	.94	1.00	37.7	11.0	3.44	.80	.96	1.00	35.7	10.5	3.93	.83	.99	1.00
	1600	755	42.3	12.4	2.66	.80	.96	1.00	40.5	11.9	3.02	.82	.98	1.00	38.6	11.3	3.45	.84	.99	1.00	36.7	10.8	3.93	.87	1.00	1.00
67°F (19°C)	1200	565	42.9	12.6	2.66	.57	.70	.84	41.0	12.0	3.03	.58	.72	.86	38.9	11.4	3.45	.59	.74	.88	36.8	10.8	3.94	.60	.76	.91
	1400	660	43.7	12.8	2.67	.59	.74	.89	41.8	12.3	3.04	.60	.76	.91	39.7	11.6	3.46	.61	.78	.93	37.4	11.0	3.95	.62	.80	.96
	1600	755	44.4	13.0	2.67	.61	.78	.93	42.4	12.4	3.04	.62	.80	.95	40.3	11.8	3.46	.64	.82	.98	38.0	11.1	3.96	.65	.85	.99
71°F (22°C)	1200	565	45.7	13.4	2.68	.42	.55	.68	43.6	12.8	3.05	.43	.56	.69	41.5	12.2	3.47	.43	.57	.71	39.2	11.5	3.96	.43	.58	.73
	1400	660	46.5	13.6	2.69	.43	.58	.72	44.4	13.0	3.06	.43	.58	.74	42.2	12.4	3.48	.44	.60	.76	39.8	11.7	3.97	.44	.61	.78
	1600	755	47.2	13.8	2.69	.44	.60	.76	45.0	13.2	3.06	.44	.61	.78	42.7	12.5	3.49	.45	.63	.80	40.2	11.8	3.98	.46	.64	.83

HPXB15-042 — CB29M-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.0	12.0	2.65	.72	.87	.99	39.2	11.5	3.01	.73	.88	1.00	37.3	10.9	3.43	.75	.91	1.00	35.2	10.3	3.92	.77	.94	1.00
	1400	660	42.0	12.3	2.65	.76	.92	1.00	40.2	11.8	3.02	.77	.94	1.00	38.2	11.2	3.44	.79	.96	1.00	36.2	10.6	3.93	.82	.98	1.00
	1600	755	42.9	12.6	2.66	.79	.96	1.00	41.1	12.0	3.03	.81	.98	1.00	39.2	11.5	3.45	.84	.99	1.00	37.2	10.9	3.94	.86	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.67	.56	.69	.83	41.6	12.2	3.03	.57	.71	.85	39.5	11.6	3.46	.58	.72	.88	37.3	10.9	3.94	.59	.74	.91
	1400	660	44.4	13.0	2.67	.58	.73	.88	42.4	12.4	3.04	.59	.75	.90	40.2	11.8	3.47	.60	.77	.93	37.9	11.1	3.96	.62	.80	.96
	1600	755	45.2	13.2	2.67	.60	.77	.93	43.1	12.6	3.05	.61	.79	.95	40.8	12.0	3.47	.63	.82	.98	38.5	11.3	3.96	.64	.84	1.00
71°F (22°C)	1200	565	46.4	13.6	2.69	.42	.54	.67	44.3	13.0	3.05	.42	.55	.68	42.1	12.3	3.48	.42	.56	.70	39.7	11.6	3.97	.43	.58	.72
	1400	660	47.3	13.9	2.69	.42	.57	.71	45.1	13.2	3.06	.43	.58	.73	42.8	12.5	3.49	.43	.59	.75	40.3	11.8	3.98	.44	.60	.77
	1600	755	48.0	14.1	2.69	.43	.59	.75	45.7	13.4	3.07	.44	.60	.77	43.4	12.7	3.50	.44	.62	.79	40.8	12.0	3.98	.45	.64	.82

HPXB15-042 - CB29M-46 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1000	470	48.6	14.2	3.53	39.3	11.5	3.33	30.0	8.8	3.15	20.5	6.0	2.79	10.1	3.0	2.16
1200	565	49.1	14.4	3.05	39.8	11.7	2.85	30.5	8.9	2.67	21.0	6.2	2.31	10.6	3.1	1.68
1400	660	49.5	14.5	3.17	40.2	11.8	2.98	30.9	9.1	2.80	21.4	6.3	2.44	11.0	3.2	1.81

HPXB15-042 - CB29M-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.9	14.3	3.33	39.9	11.7	3.15	30.8	9.0	2.98	21.4	6.3	2.63	11.0	3.2	1.99
1400	660	48.5	14.2	3.05	39.5	11.6	2.87	30.4	8.9	2.71	21.0	6.2	2.35	10.6	3.1	1.71
1600	755	49.2	14.4	3.06	40.2	11.8	2.88	31.1	9.1	2.72	21.7	6.4	2.36	11.3	3.3	1.72

HPXB15-042 - CB29M-46 HEATING PERFORMANCE at 1200 cfm (566 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.05	49.1	14.4
60	16	2.99	46.8	13.7
55	13	2.94	44.5	13.0
50	10	2.89	42.1	12.3
47	8	2.86	40.7	11.9
45	7	2.85	39.8	11.7
40	4	2.85	37.5	11.0
35	2	2.84	35.2	10.3
30	-1	2.76	32.9	9.6
25	-4	2.67	30.5	8.9
20	-7	2.59	28.2	8.3
17	-8	2.54	26.8	7.9
15	-9	2.52	25.9	7.6
10	-12	2.47	23.6	6.9
5	-15	2.31	21.0	6.2
0	-18	2.15	18.4	5.4
-5	-21	2.00	15.8	4.6
-10	-23	1.84	13.2	3.9
-15	-26	1.68	10.6	3.1
-20	-29	1.53	8.0	2.3

HPXB15-042 - CB29M-51 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.05	48.5	14.2
60	16	3.00	46.2	13.5
55	13	2.95	44.0	12.9
50	10	2.90	41.7	12.2
47	8	2.87	40.4	11.8
45	7	2.87	39.5	11.6
40	4	2.87	37.2	10.9
35	2	2.87	35.0	10.3
30	-1	2.79	32.7	9.6
25	-4	2.71	30.4	8.9
20	-7	2.63	28.2	8.3
17	-8	2.58	26.8	7.9
15	-9	2.56	25.9	7.6
10	-12	2.51	23.6	6.9
5	-15	2.35	21.0	6.2
0	-18	2.19	18.4	5.4
-5	-21	2.03	15.8	4.6
-10	-23	1.87	13.2	3.9
-15	-26	1.71	10.6	3.1
-20	-29	1.55	8.0	2.3

RATINGS

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

HPXB15-042 — CB30M-41 COOLING - CBX32M-036 CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.1	12.0	2.66	.72	.87	.99	39.2	11.5	3.02	.74	.90	1.00	37.2	10.9	3.44	.75	.92	1.00	35.0	10.3	3.93	.78	.95	1.00
	1400	660	42.2	12.4	2.66	.76	.92	1.00	40.2	11.8	3.03	.78	.95	1.00	38.1	11.2	3.45	.80	.97	1.00	36.0	10.6	3.94	.83	.99	1.00
	1600	755	43.1	12.6	2.67	.80	.97	1.00	41.2	12.1	3.04	.82	.99	1.00	39.2	11.5	3.46	.85	1.00	1.00	37.1	10.9	3.95	.88	1.00	1.00
67°F (19°C)	1200	565	43.7	12.8	2.67	.56	.70	.84	41.6	12.2	3.04	.57	.71	.86	39.4	11.5	3.46	.58	.73	.89	37.0	10.8	3.95	.60	.76	.92
	1400	660	44.6	13.1	2.68	.58	.74	.89	42.4	12.4	3.05	.59	.76	.92	40.1	11.8	3.47	.61	.78	.94	37.7	11.0	3.96	.62	.81	.97
	1600	755	45.2	13.2	2.69	.61	.78	.94	43.0	12.6	3.06	.62	.80	.96	40.7	11.9	3.48	.63	.82	.98	38.2	11.2	3.96	.65	.86	1.00
71°F (22°C)	1200	565	46.5	13.6	2.69	.42	.55	.67	44.3	13.0	3.06	.42	.56	.69	41.9	12.3	3.48	.43	.57	.71	39.4	11.5	3.97	.43	.58	.73
	1400	660	47.4	13.9	2.70	.43	.57	.72	45.1	13.2	3.07	.43	.58	.73	42.6	12.5	3.50	.43	.60	.76	40.0	11.7	3.98	.44	.61	.78
	1600	755	48.1	14.1	2.70	.44	.60	.75	45.7	13.4	3.08	.44	.61	.78	43.2	12.7	3.50	.45	.62	.80	40.5	11.9	3.99	.45	.64	.83

HPXB15-042 — CB30M-46 — CB30U-41/46 - CBX32M-042 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.1	12.0	2.65	.73	.87	.99	39.3	11.5	3.02	.74	.89	1.00	37.4	11.0	3.44	.76	.91	1.00	35.3	10.3	3.93	.78	.94	1.00
	1400	660	42.1	12.3	2.66	.76	.92	1.00	40.3	11.8	3.02	.78	.94	1.00	38.3	11.2	3.45	.80	.96	1.00	36.3	10.6	3.93	.82	.99	1.00
	1600	755	43.0	12.6	2.66	.80	.96	1.00	41.2	12.1	3.03	.82	.98	1.00	39.3	11.5	3.45	.84	.99	1.00	37.3	10.9	3.94	.87	1.00	1.00
67°F (19°C)	1200	565	43.6	12.8	2.67	.57	.70	.84	41.7	12.2	3.03	.58	.72	.86	39.6	11.6	3.46	.59	.74	.88	37.4	11.0	3.94	.60	.75	.91
	1400	660	44.5	13.0	2.67	.59	.74	.89	42.5	12.5	3.04	.60	.76	.91	40.3	11.8	3.47	.61	.78	.93	38.0	11.1	3.96	.63	.80	.96
	1600	755	45.3	13.3	2.68	.61	.78	.94	43.2	12.7	3.05	.62	.80	.96	40.9	12.0	3.48	.63	.82	.98	38.6	11.3	3.97	.65	.85	.99
71°F (22°C)	1200	565	46.5	13.6	2.69	.42	.55	.68	44.4	13.0	3.06	.43	.56	.69	42.2	12.4	3.48	.43	.57	.71	39.8	11.7	3.97	.43	.58	.73
	1400	660	47.4	13.9	2.69	.43	.57	.72	45.2	13.2	3.06	.43	.59	.74	42.9	12.6	3.49	.44	.60	.75	40.4	11.8	3.99	.44	.61	.78
	1600	755	48.1	14.1	2.70	.44	.60	.76	45.8	13.4	3.07	.44	.61	.78	43.5	12.7	3.50	.45	.62	.80	40.9	12.0	3.99	.46	.64	.83

HPXB15-042 - CB30M-41 - CBX32M-036 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.9	14.3	3.24	39.5	11.6	3.06	30.2	8.9	2.89	20.6	6.0	2.53	10.5	3.1	1.92
1400	660	48.9	14.3	2.98	39.5	11.6	2.79	30.2	8.9	2.62	20.6	6.0	2.27	10.5	3.1	1.65
1600	755	49.6	14.5	2.99	40.2	11.8	2.81	30.9	9.1	2.64	21.3	6.2	2.28	11.2	3.3	1.67

HPXB15-042 - CB30M-46 — CB30U-41/46 - CBX32M-042 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.9	14.3	3.24	39.6	11.6	3.06	30.2	8.9	2.89	20.7	6.1	2.53	10.6	3.1	1.92
1400	660	48.8	14.3	2.98	39.5	11.6	2.79	30.1	8.8	2.62	20.6	6.0	2.27	10.5	3.1	1.65
1600	755	49.6	14.5	2.99	40.3	11.8	2.81	30.9	9.1	2.64	21.4	6.3	2.28	11.3	3.3	1.67

HPXB15-042 - CB30M-41 - CBX32M-036 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	48.9	14.3
60	16	2.93	46.5	13.6
55	13	2.88	44.2	13.0
50	10	2.82	41.9	12.3
47	8	2.79	40.5	11.9
45	7	2.79	39.5	11.6
40	4	2.79	37.2	10.9
35	2	2.78	34.9	10.2
30	-1	2.70	32.5	9.5
25	-4	2.62	30.2	8.9
20	-7	2.54	27.9	8.2
17	-8	2.49	26.4	7.7
15	-9	2.47	25.5	7.5
10	-12	2.42	23.2	6.8
5	-15	2.27	20.6	6.0
0	-18	2.11	18.1	5.3
-5	-21	1.96	15.6	4.6
-10	-23	1.81	13.0	3.8
-15	-26	1.65	10.5	3.1
-20	-29	1.50	7.9	2.3

HPXB15-042 - CB30M-46-CB30U-41/46-CBX32M-042 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	48.8	14.3
60	16	2.93	46.5	13.6
55	13	2.88	44.1	12.9
50	10	2.82	41.8	12.3
47	8	2.79	40.4	11.8
45	7	2.79	39.5	11.6
40	4	2.79	37.2	10.9
35	2	2.78	34.8	10.2
30	-1	2.70	32.5	9.5
25	-4	2.62	30.1	8.8
20	-7	2.54	27.8	8.1
17	-8	2.49	26.4	7.7
15	-9	2.47	25.5	7.5
10	-12	2.42	23.1	6.8
5	-15	2.27	20.6	6.0
0	-18	2.11	18.1	5.3
-5	-21	1.96	15.5	4.5
-10	-23	1.81	13.0	3.8
-15	-26	1.65	10.5	3.1
-20	-29	1.50	7.9	2.3

RATINGS

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

HPXB15-042 — CB29M-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																						
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.4	12.1	2.67	.72	.87	.99	39.5	11.6	3.03	.73	.89	1.00	37.5	11.0	3.45	.75	.91	1.00	35.4	10.4	3.95	.77	.94	1.00
	1400	660	42.4	12.4	2.67	.75	.92	1.00	40.5	11.9	3.04	.77	.94	1.00	38.5	11.3	3.46	.79	.96	1.00	36.4	10.7	3.95	.82	.99	1.00
	1600	755	43.3	12.7	2.68	.79	.96	1.00	41.4	12.1	3.05	.81	.98	1.00	39.5	11.6	3.47	.84	1.00	1.00	37.5	11.0	3.96	.87	1.00	1.00
67°F (19°C)	1200	565	43.9	12.9	2.68	.56	.69	.83	41.9	12.3	3.05	.57	.71	.85	39.8	11.7	3.47	.58	.72	.88	37.5	11.0	3.97	.59	.74	.91
	1400	660	44.8	13.1	2.69	.58	.73	.89	42.8	12.5	3.05	.59	.75	.91	40.5	11.9	3.48	.60	.77	.94	38.1	11.2	3.98	.62	.80	.97
	1600	755	45.6	13.4	2.69	.60	.77	.93	43.4	12.7	3.06	.61	.79	.96	41.1	12.0	3.49	.63	.82	.98	38.7	11.3	3.98	.64	.84	1.00
71°F (22°C)	1200	565	46.8	13.7	2.70	.42	.54	.67	44.7	13.1	3.07	.42	.55	.69	42.4	12.4	3.50	.42	.56	.70	39.9	11.7	3.99	.43	.58	.72
	1400	660	47.7	14.0	2.71	.42	.57	.71	45.5	13.3	3.08	.43	.58	.72	43.1	12.6	3.51	.43	.59	.75	40.5	11.9	4.00	.44	.61	.77
	1600	755	48.4	14.2	2.71	.43	.59	.75	46.1	13.5	3.09	.44	.60	.77	43.6	12.8	3.51	.44	.62	.79	41.0	12.0	4.00	.45	.64	.82

HPXB15-042 — CB31MV-41 - CBX32MV-036 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																						
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	40.9	12.0	2.66	.73	.88	.99	39.1	11.5	3.02	.75	.90	1.00	37.1	10.9	3.44	.76	.92	1.00	35.0	10.3	3.93	.79	.95	1.00
	1400	660	42.0	12.3	2.66	.77	.92	1.00	40.1	11.8	3.03	.78	.94	1.00	38.1	11.2	3.45	.81	.97	1.00	35.9	10.5	3.93	.83	.99	1.00
	1600	755	42.9	12.6	2.66	.80	.97	1.00	41.0	12.0	3.03	.83	.98	1.00	39.0	11.4	3.45	.85	1.00	1.00	37.0	10.8	3.94	.88	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.67	.57	.71	.84	41.5	12.2	3.03	.58	.72	.86	39.3	11.5	3.46	.59	.74	.89	37.0	10.8	3.95	.60	.76	.92
	1400	660	44.4	13.0	2.67	.59	.74	.89	42.3	12.4	3.04	.60	.76	.92	40.0	11.7	3.47	.61	.79	.94	37.7	11.0	3.96	.63	.81	.97
	1600	755	45.1	13.2	2.68	.61	.78	.94	42.9	12.6	3.05	.62	.80	.96	40.6	11.9	3.47	.64	.83	.98	38.2	11.2	3.96	.66	.86	1.00
71°F (22°C)	1200	565	46.3	13.6	2.69	.42	.55	.68	44.2	13.0	3.05	.43	.56	.70	41.9	12.3	3.48	.43	.57	.72	39.4	11.5	3.97	.44	.59	.74
	1400	660	47.2	13.8	2.69	.43	.58	.72	45.0	13.2	3.06	.43	.59	.74	42.5	12.5	3.49	.44	.60	.76	40.0	11.7	3.98	.45	.62	.79
	1600	755	47.9	14.0	2.70	.44	.60	.76	45.6	13.4	3.07	.44	.61	.78	43.1	12.6	3.50	.45	.63	.81	40.5	11.9	3.98	.46	.65	.84

HPXB15-042 - CB29M-65 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.6	14.2	3.35	39.5	11.6	3.17	30.4	8.9	3.00	21.0	6.2	2.64	10.7	3.1	2.00
1400	660	48.5	14.2	3.07	39.4	11.5	2.89	30.3	8.9	2.72	20.9	6.1	2.36	10.6	3.1	1.72
1600	755	49.3	14.4	3.09	40.2	11.8	2.91	31.1	9.1	2.74	21.7	6.4	2.38	11.4	3.3	1.74

HPXB15-042 - CB31MV-41 - CBX32MV-036 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.8	14.3	3.24	39.4	11.5	3.06	30.0	8.8	2.89	20.5	6.0	2.53	10.4	3.0	1.92
1400	660	48.8	14.3	2.98	39.4	11.5	2.79	30.0	8.8	2.62	20.5	6.0	2.27	10.4	3.0	1.65
1600	755	49.5	14.5	3.00	40.1	11.8	2.81	30.7	9.0	2.64	21.2	6.2	2.29	11.1	3.3	1.67

HPXB15-042 - CB29M-65 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.07	48.5	14.2
60	16	3.02	46.2	13.5
55	13	2.97	43.9	12.9
50	10	2.92	41.7	12.2
47	8	2.89	40.3	11.8
45	7	2.89	39.4	11.5
40	4	2.88	37.1	10.9
35	2	2.88	34.9	10.2
30	-1	2.80	32.6	9.6
25	-4	2.72	30.3	8.9
20	-7	2.64	28.1	8.2
17	-8	2.59	26.7	7.8
15	-9	2.57	25.8	7.6
10	-12	2.52	23.5	6.9
5	-15	2.36	20.9	6.1
0	-18	2.20	18.3	5.4
-5	-21	2.04	15.8	4.6
-10	-23	1.88	13.2	3.9
-15	-26	1.72	10.6	3.1
-20	-29	1.55	8.0	2.3

HPXB15-042 - CB31MV-41 - CBX32MV-036 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	48.8	14.3
60	16	2.93	46.4	13.6
55	13	2.88	44.1	12.9
50	10	2.82	41.7	12.2
47	8	2.79	40.3	11.8
45	7	2.79	39.4	11.5
40	4	2.79	37.1	10.9
35	2	2.78	34.7	10.2
30	-1	2.70	32.4	9.5
25	-4	2.62	30.0	8.8
20	-7	2.54	27.7	8.1
17	-8	2.49	26.3	7.7
15	-9	2.47	25.3	7.4
10	-12	2.42	23.0	6.7
5	-15	2.27	20.5	6.0
0	-18	2.11	18.0	5.3
-5	-21	1.96	15.4	4.5
-10	-23	1.81	12.9	3.8
-15	-26	1.65	10.4	3.0
-20	-29	1.50	7.9	2.3

RATINGS

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

HPXB15-042 — CB30M-51 — CB30U-51 - CBX32M-048 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	42.5	12.5	2.68	.72	.88	1.00	40.4	11.8	3.05	.74	.90	1.00	38.2	11.2	3.48	.76	.93	1.00	35.9	10.5	3.97	.78	.96	1.00
	1400	660	43.6	12.8	2.69	.76	.93	1.00	41.5	12.2	3.06	.78	.95	1.00	39.3	11.5	3.49	.81	.98	1.00	37.0	10.8	3.97	.84	1.00	1.00
	1600	755	44.6	13.1	2.70	.80	.98	1.00	42.5	12.5	3.07	.83	.99	1.00	40.4	11.8	3.49	.85	1.00	1.00	38.2	11.2	3.98	.89	1.00	1.00
67°F (19°C)	1200	565	45.2	13.2	2.70	.56	.70	.84	42.9	12.6	3.07	.57	.72	.86	40.6	11.9	3.50	.58	.73	.89	38.0	11.1	3.98	.60	.76	.93
	1400	660	46.2	13.5	2.71	.58	.74	.90	43.9	12.9	3.08	.60	.76	.92	41.3	12.1	3.50	.61	.78	.95	38.7	11.3	3.99	.63	.81	.99
	1600	755	47.0	13.8	2.71	.61	.78	.95	44.5	13.0	3.08	.62	.80	.97	42.0	12.3	3.51	.64	.83	.99	39.3	11.5	4.00	.66	.86	1.00
71°F (22°C)	1200	565	48.2	14.1	2.72	.42	.55	.67	45.8	13.4	3.10	.42	.56	.69	43.2	12.7	3.52	.43	.57	.71	40.4	11.8	4.01	.43	.59	.74
	1400	660	49.2	14.4	2.73	.43	.57	.71	46.7	13.7	3.10	.43	.58	.73	44.0	12.9	3.53	.44	.60	.76	41.1	12.0	4.02	.44	.62	.79
	1600	755	49.9	14.6	2.73	.44	.60	.76	47.3	13.9	3.11	.44	.61	.78	44.5	13.0	3.53	.45	.63	.81	41.6	12.2	4.02	.46	.65	.84

HPXB15-042 — CB31MV-51 - CBX32MV-048 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	43.0	12.6	2.69	.73	.88	1.00	41.0	12.0	3.07	.75	.90	1.00	38.8	11.4	3.49	.76	.92	1.00	36.4	10.7	3.98	.79	.96	1.00
	1400	660	44.2	13.0	2.70	.77	.93	1.00	42.0	12.3	3.07	.79	.95	1.00	39.8	11.7	3.50	.81	.98	1.00	37.5	11.0	3.99	.84	1.00	1.00
	1600	755	45.2	13.2	2.71	.81	.97	1.00	43.1	12.6	3.08	.83	.99	1.00	40.9	12.0	3.50	.86	1.00	1.00	38.8	11.4	4.00	.89	1.00	1.00
67°F (19°C)	1200	565	45.8	13.4	2.71	.57	.70	.84	43.5	12.7	3.09	.58	.72	.87	41.1	12.0	3.51	.59	.74	.89	38.6	11.3	4.00	.60	.76	.92
	1400	660	46.8	13.7	2.72	.59	.74	.90	44.4	13.0	3.09	.60	.76	.92	42.0	12.3	3.52	.61	.79	.95	39.3	11.5	4.01	.63	.82	.98
	1600	755	47.5	13.9	2.72	.62	.79	.95	45.1	13.2	3.10	.63	.81	.97	42.6	12.5	3.52	.64	.83	1.00	39.9	11.7	4.02	.66	.87	1.00
71°F (22°C)	1200	565	48.8	14.3	2.73	.42	.55	.68	46.4	13.6	3.11	.43	.56	.70	43.8	12.8	3.53	.43	.57	.72	41.1	12.0	4.03	.44	.59	.74
	1400	660	49.8	14.6	2.74	.43	.58	.72	47.3	13.9	3.11	.44	.59	.74	44.6	13.1	3.54	.44	.60	.76	41.8	12.3	4.04	.45	.62	.79
	1600	755	50.5	14.8	2.75	.44	.60	.76	47.9	14.0	3.12	.45	.62	.79	45.2	13.2	3.55	.45	.63	.81	42.3	12.4	4.04	.46	.65	.84

HPXB15-042 - CB30M-51 — CB30U-51 - CBX32M-048 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	47.9	14.0	3.06	38.8	11.4	2.91	29.7	8.7	2.76	20.4	6.0	2.43	10.3	3.0	1.84
1400	660	47.9	14.0	2.82	38.8	11.4	2.66	29.7	8.7	2.52	20.4	6.0	2.19	10.3	3.0	1.59
1600	755	48.6	14.2	2.83	39.5	11.6	2.68	30.4	8.9	2.53	21.1	6.2	2.20	11.0	3.2	1.61

HPXB15-042 - CB31MV-51 - CBX32MV-048 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	47.7	14.0	3.08	38.5	11.3	2.92	29.4	8.6	2.77	20.0	5.9	2.45	10.2	3.0	1.85
1400	660	47.7	14.0	2.82	38.5	11.3	2.66	29.4	8.6	2.51	20.0	5.9	2.19	10.2	3.0	1.59
1600	755	48.3	14.2	2.84	39.1	11.5	2.68	30.0	8.8	2.54	20.6	6.0	2.21	10.8	3.2	1.61

HPXB15-042 - CB30M-51 - CB30U-51 - CBX32M-048 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.82	47.9	14.0
60	16	2.78	45.6	13.4
55	13	2.73	43.3	12.7
50	10	2.69	41.1	12.0
47	8	2.66	39.7	11.6
45	7	2.66	38.8	11.4
40	4	2.66	36.5	10.7
35	2	2.66	34.3	10.1
30	-1	2.59	32.0	9.4
25	-4	2.52	29.7	8.7
20	-7	2.44	27.4	8.0
17	-8	2.40	26.1	7.6
15	-9	2.38	25.1	7.4
10	-12	2.34	22.9	6.7
5	-15	2.19	20.4	6.0
0	-18	2.04	17.9	5.2
-5	-21	1.89	15.3	4.5
-10	-23	1.74	12.8	3.8
-15	-26	1.59	10.3	3.0
-20	-29	1.44	7.8	2.3

HPXB15-042 - CB31MV-51 - CBX32MV-048 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.82	47.7	14.0
60	16	2.77	45.4	13.3
55	13	2.73	43.1	12.6
50	10	2.69	40.8	12.0
47	8	2.66	39.4	11.5
45	7	2.66	38.5	11.3
40	4	2.66	36.3	10.6
35	2	2.66	34.0	10.0
30	-1	2.58	31.7	9.3
25	-4	2.51	29.4	8.6
20	-7	2.44	27.1	7.9
17	-8	2.40	25.7	7.5
15	-9	2.38	24.8	7.3
10	-12	2.34	22.5	6.6
5	-15	2.19	20.0	5.9
0	-18	2.04	17.6	5.2
-5	-21	1.89	15.1	4.4
-10	-23	1.74	12.6	3.7
-15	-26	1.59	10.2	3.0
-20	-29	1.44	7.7	2.3

RATINGS

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

HPXB15-042 — CVP10-41/EC10Q3 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	39.5	11.6	2.64	.70	.86	.99	37.6	11.0	3.00	.71	.89	1.00	35.6	10.4	3.42	.73	.91	1.00	33.5	9.8	3.90	.76	.95	1.00
	1400	660	40.5	11.9	2.64	.73	.92	1.00	38.6	11.3	3.00	.75	.94	1.00	36.6	10.7	3.43	.78	.97	1.00	34.5	10.1	3.91	.81	1.00	1.00
	1600	755	41.5	12.2	2.65	.78	.97	1.00	39.6	11.6	3.01	.80	.98	1.00	37.6	11.0	3.43	.83	1.00	1.00	35.5	10.4	3.92	.87	1.00	1.00
67°F (19°C)	1200	565	41.9	12.3	2.65	.54	.67	.82	39.9	11.7	3.02	.55	.69	.84	37.7	11.0	3.43	.56	.71	.87	35.4	10.4	3.92	.58	.73	.91
	1400	660	42.8	12.5	2.66	.56	.71	.88	40.7	11.9	3.02	.57	.73	.91	38.5	11.3	3.44	.59	.75	.94	36.0	10.6	3.93	.60	.79	.97
	1600	755	43.5	12.7	2.66	.58	.75	.94	41.3	12.1	3.03	.60	.78	.96	39.0	11.4	3.45	.61	.81	.99	36.5	10.7	3.93	.63	.85	1.00
71°F (22°C)	1200	565	44.6	13.1	2.67	.40	.53	.65	42.5	12.5	3.03	.41	.54	.67	40.2	11.8	3.46	.41	.55	.68	37.7	11.0	3.94	.41	.56	.71
	1400	660	45.5	13.3	2.68	.41	.55	.69	43.3	12.7	3.04	.41	.56	.71	40.9	12.0	3.46	.42	.57	.73	38.2	11.2	3.95	.43	.59	.76
	1600	755	46.2	13.5	2.68	.42	.57	.73	43.9	12.9	3.05	.42	.59	.75	41.3	12.1	3.47	.43	.60	.78	38.7	11.3	3.95	.44	.62	.82

HPXB15-042 — CVP10-46/EC10Q4 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	40.8	12.0	2.65	.74	.88	.99	39.0	11.4	3.01	.75	.89	1.00	37.1	10.9	3.43	.77	.92	1.00	35.0	10.3	3.91	.79	.94	1.00
	1400	660	41.9	12.3	2.65	.77	.92	1.00	40.0	11.7	3.01	.79	.95	1.00	38.0	11.1	3.44	.81	.97	1.00	36.0	10.6	3.92	.83	.99	1.00
	1600	755	42.8	12.5	2.65	.81	.96	1.00	40.9	12.0	3.02	.83	.98	1.00	39.0	11.4	3.44	.85	.99	1.00	37.0	10.8	3.93	.88	1.00	1.00
67°F (19°C)	1200	565	43.3	12.7	2.66	.58	.71	.85	41.3	12.1	3.03	.58	.73	.87	39.3	11.5	3.45	.59	.74	.89	37.0	10.8	3.93	.61	.77	.91
	1400	660	44.2	13.0	2.67	.60	.75	.89	42.2	12.4	3.03	.61	.77	.92	40.0	11.7	3.45	.62	.79	.94	37.7	11.0	3.95	.63	.81	.97
	1600	755	45.0	13.2	2.67	.62	.79	.94	42.9	12.6	3.04	.63	.81	.96	40.6	11.9	3.46	.64	.83	.98	38.3	11.2	3.95	.66	.86	.99
71°F (22°C)	1200	565	46.1	13.5	2.68	.43	.56	.69	44.0	12.9	3.05	.43	.57	.70	41.8	12.3	3.47	.44	.58	.72	39.4	11.5	3.96	.44	.59	.74
	1400	660	47.0	13.8	2.68	.44	.58	.73	44.9	13.2	3.05	.44	.59	.74	42.6	12.5	3.47	.44	.61	.77	40.1	11.8	3.97	.45	.62	.79
	1600	755	47.7	14.0	2.69	.44	.61	.77	45.5	13.3	3.06	.45	.62	.79	43.1	12.6	3.48	.45	.64	.81	40.6	11.9	3.98	.46	.65	.84

HPXB15-042 - CVP10-41/EC10Q3 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.6	14.2	3.10	39.2	11.5	2.91	29.7	8.7	2.73	20.3	5.9	2.37	9.9	2.9	1.73
1400	660	49.4	14.5	3.10	40.0	11.7	2.91	30.5	8.9	2.73	21.1	6.2	2.37	10.7	3.1	1.73
1600	755	49.7	14.6	3.00	40.3	11.8	2.81	30.8	9.0	2.63	21.4	6.3	2.27	11.0	3.2	1.63

HPXB15-042 - CVP10-46/EC10Q4 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	49.2	14.4	3.20	40.1	11.8	3.04	30.9	9.1	2.89	21.4	6.3	2.55	10.8	3.2	1.94
1400	660	49.3	14.4	2.91	40.2	11.8	2.75	31.0	9.1	2.60	21.5	6.3	2.26	10.9	3.2	1.65
1600	755	49.9	14.6	2.96	40.8	12.0	2.80	31.6	9.3	2.65	22.1	6.5	2.31	11.5	3.4	1.70

HPXB15-042 - CVP10-41/EC10Q3 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.10	49.4	14.5
60	16	3.05	47.1	13.8
55	13	2.99	44.7	13.1
50	10	2.94	42.4	12.4
47	8	2.91	41.0	12.0
45	7	2.91	40.0	11.7
40	4	2.90	37.4	11.0
35	2	2.89	34.9	10.2
30	-1	2.81	32.7	9.6
25	-4	2.73	30.5	8.9
20	-7	2.65	28.3	8.3
17	-8	2.61	27.0	7.9
15	-9	2.59	26.0	7.6
10	-12	2.54	23.7	6.9
5	-15	2.37	21.1	6.2
0	-18	2.21	18.5	5.4
-5	-21	2.05	15.9	4.7
-10	-23	1.89	13.3	3.9
-15	-26	1.73	10.7	3.1
-20	-29	1.56	8.1	2.4

HPXB15-042 - CVP10-46/EC10Q4 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.91	49.3	14.4
60	16	2.87	47.0	13.8
55	13	2.82	44.7	13.1
50	10	2.78	42.5	12.5
47	8	2.75	41.1	12.0
45	7	2.75	40.2	11.8
40	4	2.75	37.9	11.1
35	2	2.75	35.6	10.4
30	-1	2.68	33.3	9.8
25	-4	2.60	31.0	9.1
20	-7	2.53	28.7	8.4
17	-8	2.48	27.4	8.0
15	-9	2.46	26.4	7.7
10	-12	2.42	24.1	7.1
5	-15	2.26	21.5	6.3
0	-18	2.11	18.8	5.5
-5	-21	1.96	16.2	4.7
-10	-23	1.80	13.5	4.0
-15	-26	1.65	10.9	3.2
-20	-29	1.49	8.2	2.4

RATINGS

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

HPXB15-042 — C33-38A/B - CX34-38A/B - C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	39.9	11.7	2.65	.69	.86	1.00	38.0	11.1	3.01	.71	.89	1.00	36.0	10.6	3.42	.72	.92	1.00	33.9	9.9	3.91	.75	.95	1.00
	1400	660	40.9	12.0	2.65	.73	.92	1.00	39.0	11.4	3.01	.75	.95	1.00	37.0	10.8	3.43	.78	.97	1.00	34.9	10.2	3.92	.81	1.00	1.00
	1600	755	41.8	12.3	2.65	.78	.97	1.00	40.0	11.7	3.02	.80	.99	1.00	38.0	11.1	3.44	.83	1.00	1.00	35.9	10.5	3.93	.87	1.00	1.00
67°F (19°C)	1200	565	42.2	12.4	2.66	.54	.67	.82	40.2	11.8	3.03	.55	.68	.85	38.0	11.1	3.44	.56	.71	.88	35.7	10.5	3.93	.57	.73	.92
	1400	660	43.1	12.6	2.66	.56	.71	.89	41.0	12.0	3.03	.57	.73	.91	38.7	11.3	3.45	.58	.75	.95	36.3	10.6	3.94	.60	.79	.98
	1600	755	43.8	12.8	2.67	.58	.75	.94	41.6	12.2	3.03	.59	.78	.97	39.3	11.5	3.46	.61	.81	.99	36.9	10.8	3.94	.63	.84	1.00
71°F (22°C)	1200	565	44.9	13.2	2.68	.40	.52	.65	42.8	12.5	3.04	.40	.53	.66	40.5	11.9	3.46	.40	.54	.68	37.9	11.1	3.95	.41	.56	.71
	1400	660	45.7	13.4	2.68	.41	.55	.69	43.5	12.7	3.05	.41	.56	.71	41.1	12.0	3.47	.42	.57	.73	38.5	11.3	3.96	.42	.59	.76
	1600	755	46.4	13.6	2.69	.42	.57	.73	44.1	12.9	3.05	.42	.58	.75	41.6	12.2	3.48	.43	.60	.78	39.0	11.4	3.96	.43	.62	.82

HPXB15-042 — C26-46 - C33-50/60C - CX34-50/60C COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.4	12.1	2.67	.72	.87	.99	39.5	11.6	3.04	.73	.89	1.00	37.5	11.0	3.46	.75	.92	1.00	35.3	10.3	3.95	.77	.95	1.00
	1400	660	42.5	12.5	2.68	.75	.93	1.00	40.5	11.9	3.05	.77	.95	1.00	38.5	11.3	3.47	.80	.97	1.00	36.3	10.6	3.96	.83	1.00	1.00
	1600	755	43.5	12.7	2.68	.80	.97	1.00	41.5	12.2	3.05	.82	.99	1.00	39.6	11.6	3.48	.84	1.00	1.00	37.5	11.0	3.97	.88	1.00	1.00
67°F (19°C)	1200	565	43.9	12.9	2.69	.56	.69	.83	41.9	12.3	3.06	.57	.71	.86	39.7	11.6	3.48	.58	.72	.88	37.2	10.9	3.98	.59	.75	.92
	1400	660	44.9	13.2	2.69	.58	.73	.89	42.7	12.5	3.07	.59	.75	.92	40.4	11.8	3.49	.60	.77	.95	38.0	11.1	3.99	.62	.80	.98
	1600	755	45.6	13.4	2.70	.60	.77	.94	43.4	12.7	3.07	.62	.79	.97	41.0	12.0	3.50	.63	.82	.99	38.5	11.3	3.99	.65	.86	1.00
71°F (22°C)	1200	565	46.8	13.7	2.71	.41	.54	.67	44.6	13.1	3.08	.42	.55	.68	42.2	12.4	3.51	.42	.56	.70	39.6	11.6	4.00	.42	.58	.73
	1400	660	47.7	14.0	2.71	.42	.57	.71	45.4	13.3	3.09	.43	.58	.73	42.9	12.6	3.52	.43	.59	.75	40.3	11.8	4.00	.44	.61	.78
	1600	755	48.4	14.2	2.72	.43	.59	.75	46.0	13.5	3.09	.43	.60	.77	43.5	12.7	3.52	.44	.62	.80	40.8	12.0	4.01	.45	.64	.83

HPXB15-042 - C33-38A/B - CX34-38A/B - C26-41 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.9	14.3	3.17	39.3	11.5	2.98	29.6	8.7	2.80	20.1	5.9	2.43	9.9	2.9	1.78
1400	660	49.6	14.5	3.15	40.0	11.7	2.96	30.3	8.9	2.78	20.8	6.1	2.40	10.6	3.1	1.75
1600	755	49.9	14.6	3.05	40.3	11.8	2.86	30.6	9.0	2.68	21.1	6.2	2.30	10.9	3.2	1.65

HPXB15-042 - C26-46 - C33-50/60C - CX34-50/60C HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.6	14.2	3.24	39.4	11.5	3.07	30.2	8.9	2.91	20.7	6.1	2.56	10.5	3.1	1.94
1400	660	48.5	14.2	2.98	39.3	11.5	2.81	30.1	8.8	2.65	20.6	6.0	2.30	10.4	3.0	1.68
1600	755	49.2	14.4	3.01	40.0	11.7	2.84	30.8	9.0	2.68	21.3	6.2	2.33	11.1	3.3	1.70

HPXB15-042 - C33-38A/B - CX34-38A/B - C26-41 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.15	49.6	14.5
60	16	3.10	47.2	13.8
55	13	3.04	44.9	13.2
50	10	2.99	42.5	12.5
47	8	2.96	41.0	12.0
45	7	2.96	40.0	11.7
40	4	2.95	37.4	11.0
35	2	2.95	34.8	10.2
30	-1	2.86	32.6	9.6
25	-4	2.78	30.3	8.9
20	-7	2.69	28.1	8.2
17	-8	2.64	26.7	7.8
15	-9	2.62	25.8	7.6
10	-12	2.57	23.4	6.9
5	-15	2.40	20.8	6.1
0	-18	2.24	18.3	5.4
-5	-21	2.08	15.7	4.6
-10	-23	1.91	13.1	3.8
-15	-26	1.75	10.6	3.1
-20	-29	1.59	8.0	2.3

HPXB15-042 - C26-46 - C33-50/60C - CX34-50/60C HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	48.5	14.2
60	16	2.94	46.2	13.5
55	13	2.89	43.9	12.9
50	10	2.84	41.6	12.2
47	8	2.81	40.2	11.8
45	7	2.81	39.3	11.5
40	4	2.81	37.0	10.8
35	2	2.81	34.7	10.2
30	-1	2.73	32.4	9.5
25	-4	2.65	30.1	8.8
20	-7	2.57	27.7	8.1
17	-8	2.53	26.3	7.7
15	-9	2.51	25.4	7.4
10	-12	2.46	23.1	6.8
5	-15	2.30	20.6	6.0
0	-18	2.15	18.0	5.3
-5	-21	1.99	15.5	4.5
-10	-23	1.83	13.0	3.8
-15	-26	1.68	10.4	3.0
-20	-29	1.52	7.9	2.3

RATINGS

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

HPXB15-042 — C26-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.9	12.3	2.67	.71	.87	1.00	39.9	11.7	3.04	.73	.89	1.00	37.8	11.1	3.46	.75	.92	1.00	35.6	10.4	3.95	.77	.95	1.00
	1400	660	43.0	12.6	2.68	.75	.92	1.00	41.0	12.0	3.05	.77	.95	1.00	38.9	11.4	3.47	.80	.98	1.00	36.7	10.8	3.96	.83	1.00	1.00
	1600	755	44.0	12.9	2.68	.79	.97	1.00	42.0	12.3	3.05	.82	.99	1.00	40.0	11.7	3.47	.85	1.00	1.00	37.8	11.1	3.97	.88	1.00	1.00
67°F (19°C)	1200	565	44.5	13.0	2.69	.56	.69	.83	42.4	12.4	3.06	.56	.70	.85	40.1	11.8	3.48	.57	.72	.88	37.7	11.0	3.97	.59	.74	.92
	1400	660	45.4	13.3	2.70	.58	.73	.89	43.2	12.7	3.06	.59	.75	.92	40.9	12.0	3.49	.60	.77	.95	38.4	11.3	3.98	.62	.80	.98
	1600	755	46.2	13.5	2.70	.60	.77	.94	43.9	12.9	3.07	.61	.79	.97	41.5	12.2	3.49	.63	.82	.99	39.0	11.4	3.98	.65	.85	1.00
71°F (22°C)	1200	565	47.4	13.9	2.71	.41	.54	.67	45.1	13.2	3.08	.42	.55	.68	42.7	12.5	3.51	.42	.56	.70	40.1	11.8	4.00	.42	.58	.72
	1400	660	48.3	14.2	2.72	.42	.57	.71	46.0	13.5	3.09	.42	.57	.73	43.5	12.7	3.51	.43	.59	.75	40.8	12.0	4.00	.44	.61	.78
	1600	755	49.1	14.4	2.72	.43	.59	.75	46.6	13.7	3.09	.44	.60	.77	44.0	12.9	3.52	.44	.62	.80	41.3	12.1	4.01	.45	.64	.83

HPXB15-042 — CR26-36 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	38.9	11.4	2.62	.69	.86	.99	37.1	10.9	2.98	.70	.88	1.00	35.2	10.3	3.39	.72	.91	1.00	33.2	9.7	3.86	.75	.94	1.00
	1400	660	39.9	11.7	2.62	.73	.91	1.00	38.1	11.2	2.98	.75	.94	1.00	36.1	10.6	3.39	.77	.97	1.00	34.1	10.0	3.87	.80	.99	1.00
	1600	755	40.8	12.0	2.62	.77	.96	1.00	38.9	11.4	2.99	.79	.99	1.00	37.0	10.8	3.40	.82	1.00	1.00	35.0	10.3	3.88	.86	1.00	1.00
67°F (19°C)	1200	565	41.3	12.1	2.63	.53	.67	.81	39.3	11.5	2.99	.54	.68	.84	37.2	10.9	3.40	.55	.70	.87	35.0	10.3	3.88	.57	.72	.91
	1400	660	42.1	12.3	2.63	.56	.70	.88	40.0	11.7	3.00	.57	.72	.90	37.9	11.1	3.41	.58	.75	.93	35.6	10.4	3.89	.59	.78	.97
	1600	755	42.7	12.5	2.64	.58	.74	.93	40.6	11.9	3.00	.59	.77	.96	38.4	11.3	3.41	.60	.80	.98	36.1	10.6	3.90	.62	.83	1.00
71°F (22°C)	1200	565	43.9	12.9	2.64	.40	.52	.64	41.8	12.3	3.01	.40	.53	.66	39.6	11.6	3.43	.40	.54	.68	37.2	10.9	3.90	.41	.56	.70
	1400	660	44.7	13.1	2.65	.40	.54	.68	42.5	12.5	3.01	.41	.55	.70	40.2	11.8	3.43	.41	.57	.72	37.8	11.1	3.91	.42	.58	.75
	1600	755	45.3	13.3	2.65	.41	.57	.72	43.1	12.6	3.02	.42	.58	.74	40.7	11.9	3.43	.42	.59	.78	38.1	11.2	3.92	.43	.61	.81

HPXB15-042 - C26-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	46.9	13.7	3.09	37.8	11.1	2.94	28.7	8.4	2.80	19.5	5.7	2.47	9.8	2.9	1.86
1400	660	47.0	13.8	2.84	37.9	11.1	2.69	28.8	8.4	2.55	19.6	5.7	2.22	9.9	2.9	1.61
1600	755	47.8	14.0	2.86	38.7	11.3	2.70	29.6	8.7	2.56	20.4	6.0	2.24	10.7	3.1	1.63

HPXB15-042 - CR26-36 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	50.1	14.7	3.30	40.4	11.8	3.10	30.6	9.0	2.91	20.9	6.1	2.53	10.2	3.0	1.84
1400	660	50.9	14.9	3.28	41.2	12.1	3.08	31.4	9.2	2.90	21.7	6.4	2.51	11.0	3.2	1.83
1600	755	51.2	15.0	3.17	41.5	12.2	2.97	31.7	9.3	2.79	22.0	6.4	2.40	11.3	3.3	1.72

HPXB15-042 - C26-51 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.84	47.0	13.8
60	16	2.80	44.7	13.1
55	13	2.76	42.4	12.4
50	10	2.71	40.2	11.8
47	8	2.69	38.8	11.4
45	7	2.69	37.9	11.1
40	4	2.69	35.6	10.4
35	2	2.69	33.4	9.8
30	-1	2.62	31.1	9.1
25	-4	2.55	28.8	8.4
20	-7	2.48	26.5	7.8
17	-8	2.43	25.2	7.4
15	-9	2.42	24.2	7.1
10	-12	2.37	22.0	6.4
5	-15	2.22	19.6	5.7
0	-18	2.07	17.2	5.0
-5	-21	1.92	14.8	4.3
-10	-23	1.76	12.4	3.6
-15	-26	1.61	9.9	2.9
-20	-29	1.46	7.5	2.2

HPXB15-042 - CR26-36 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.28	50.9	14.9
60	16	3.23	48.5	14.2
55	13	3.17	46.1	13.5
50	10	3.12	43.7	12.8
47	8	3.09	42.2	12.4
45	7	3.08	41.2	12.1
40	4	3.07	38.5	11.3
35	2	3.07	35.9	10.5
30	-1	2.98	33.6	9.8
25	-4	2.90	31.4	9.2
20	-7	2.81	29.1	8.5
17	-8	2.76	27.7	8.1
15	-9	2.74	26.8	7.9
10	-12	2.68	24.4	7.2
5	-15	2.51	21.7	6.4
0	-18	2.34	19.0	5.6
-5	-21	2.17	16.3	4.8
-10	-23	2.00	13.7	4.0
-15	-26	1.83	11.0	3.2
-20	-29	1.66	8.3	2.4

RATINGS

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

HPXB15-042 — CR26-48 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	40.7	11.9	2.65	.70	.85	.98	38.9	11.4	3.01	.71	.87	.99	37.0	10.8	3.43	.73	.90	1.00	34.9	10.2	3.92	.75	.93	1.00
	1400	660	41.8	12.3	2.65	.73	.90	1.00	39.9	11.7	3.02	.75	.92	1.00	37.9	11.1	3.44	.77	.95	1.00	35.8	10.5	3.93	.80	.98	1.00
	1600	755	42.6	12.5	2.66	.77	.95	1.00	40.7	11.9	3.03	.79	.97	1.00	38.8	11.4	3.45	.82	.99	1.00	36.8	10.8	3.94	.85	1.00	1.00
67°F (19°C)	1200	565	43.4	12.7	2.67	.55	.68	.81	41.4	12.1	3.03	.55	.69	.84	39.3	11.5	3.46	.56	.71	.86	37.0	10.8	3.94	.58	.73	.89
	1400	660	44.3	13.0	2.67	.57	.71	.87	42.2	12.4	3.04	.58	.73	.89	40.0	11.7	3.46	.59	.75	.92	37.7	11.0	3.96	.60	.78	.95
	1600	755	45.0	13.2	2.68	.59	.75	.92	42.9	12.6	3.05	.60	.77	.94	40.6	11.9	3.47	.61	.79	.97	38.2	11.2	3.96	.63	.82	.99
71°F (22°C)	1200	565	46.2	13.5	2.69	.41	.53	.65	44.1	12.9	3.06	.41	.54	.67	41.9	12.3	3.48	.41	.55	.68	39.5	11.6	3.97	.42	.56	.70
	1400	660	47.1	13.8	2.69	.42	.55	.69	45.0	13.2	3.06	.42	.56	.71	42.6	12.5	3.48	.42	.57	.73	40.1	11.8	3.98	.43	.59	.75
	1600	755	47.8	14.0	2.70	.42	.57	.72	45.6	13.4	3.06	.43	.59	.74	43.2	12.7	3.49	.43	.60	.77	40.6	11.9	3.98	.44	.62	.80

HPXB15-042 — CR26-60 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	42.3	12.4	2.66	.73	.87	.99	40.3	11.8	3.03	.74	.89	1.00	38.2	11.2	3.45	.76	.92	1.00	36.0	10.6	3.94	.78	.95	1.00
	1400	660	43.4	12.7	2.67	.77	.92	1.00	41.4	12.1	3.04	.78	.94	1.00	39.3	11.5	3.46	.80	.97	1.00	37.1	10.9	3.95	.83	.99	1.00
	1600	755	44.3	13.0	2.67	.80	.97	1.00	42.3	12.4	3.04	.82	.99	1.00	40.3	11.8	3.46	.85	1.00	1.00	38.2	11.2	3.95	.88	1.00	1.00
67°F (19°C)	1200	565	45.0	13.2	2.68	.57	.70	.84	42.8	12.5	3.05	.58	.72	.86	40.6	11.9	3.47	.59	.73	.88	38.2	11.2	3.96	.60	.76	.92
	1400	660	45.9	13.5	2.69	.59	.74	.89	43.7	12.8	3.06	.60	.76	.92	41.4	12.1	3.48	.61	.78	.94	38.9	11.4	3.97	.63	.81	.97
	1600	755	46.7	13.7	2.69	.61	.78	.94	44.4	13.0	3.06	.62	.80	.96	42.0	12.3	3.48	.64	.83	.99	39.5	11.6	3.97	.66	.86	1.00
71°F (22°C)	1200	565	47.9	14.0	2.70	.42	.55	.68	45.7	13.4	3.07	.43	.56	.69	43.2	12.7	3.50	.43	.57	.71	40.7	11.9	3.98	.43	.58	.73
	1400	660	48.9	14.3	2.71	.43	.58	.72	46.5	13.6	3.08	.44	.59	.73	44.0	12.9	3.50	.44	.60	.76	41.4	12.1	3.99	.45	.62	.78
	1600	755	49.6	14.5	2.71	.44	.60	.76	47.2	13.8	3.08	.44	.61	.78	44.6	13.1	3.51	.45	.63	.81	41.9	12.3	4.00	.46	.65	.83

HPXB15-042 - CR26-48 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	49.1	14.4	3.37	40.0	11.7	3.18	30.9	9.1	3.00	21.5	6.3	2.63	11.0	3.2	1.98
1400	660	48.9	14.3	3.13	39.8	11.7	2.94	30.7	9.0	2.76	21.3	6.2	2.39	10.8	3.2	1.74
1600	755	49.7	14.6	3.11	40.6	11.9	2.92	31.5	9.2	2.74	22.1	6.5	2.37	11.6	3.4	1.72

HPXB15-042 - CR26-60 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	48.9	14.3	3.15	39.6	11.6	2.99	30.4	8.9	2.83	20.9	6.1	2.50	10.6	3.1	1.89
1400	660	48.9	14.3	2.89	39.6	11.6	2.73	30.4	8.9	2.58	20.9	6.1	2.24	10.6	3.1	1.63
1600	755	49.5	14.5	2.90	40.2	11.8	2.74	31.0	9.1	2.59	21.5	6.3	2.25	11.2	3.3	1.64

HPXB15-042 - CR26-48 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.13	48.9	14.3
60	16	3.07	46.7	13.7
55	13	3.02	44.4	13.0
50	10	2.97	42.1	12.3
47	8	2.94	40.7	11.9
45	7	2.94	39.8	11.7
40	4	2.93	37.6	11.0
35	2	2.92	35.3	10.3
30	-1	2.84	33.0	9.7
25	-4	2.76	30.7	9.0
20	-7	2.67	28.5	8.4
17	-8	2.62	27.1	7.9
15	-9	2.60	26.2	7.7
10	-12	2.55	23.9	7.0
5	-15	2.39	21.3	6.2
0	-18	2.23	18.6	5.5
-5	-21	2.06	16.0	4.7
-10	-23	1.90	13.4	3.9
-15	-26	1.74	10.8	3.2
-20	-29	1.58	8.1	2.4

HPXB15-042 - CR26-60 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.89	48.9	14.3
60	16	2.85	46.6	13.7
55	13	2.80	44.2	13.0
50	10	2.76	41.9	12.3
47	8	2.73	40.6	11.9
45	7	2.73	39.6	11.6
40	4	2.73	37.3	10.9
35	2	2.73	35.0	10.3
30	-1	2.65	32.7	9.6
25	-4	2.58	30.4	8.9
20	-7	2.51	28.1	8.2
17	-8	2.46	26.7	7.8
15	-9	2.44	25.8	7.6
10	-12	2.40	23.5	6.9
5	-15	2.24	20.9	6.1
0	-18	2.09	18.3	5.4
-5	-21	1.94	15.7	4.6
-10	-23	1.78	13.2	3.9
-15	-26	1.63	10.6	3.1
-20	-29	1.48	8.0	2.3

RATINGS

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

HPXB15-042 — CH23-41 - CH33-42B-2F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	39.7	11.6	2.61	.70	.87	1.00	37.8	11.1	2.97	.72	.90	1.00	35.9	10.5	3.38	.74	.92	1.00	33.8	9.9	3.86	.76	.95	1.00
	1400	660	40.7	11.9	2.62	.74	.93	1.00	38.8	11.4	2.98	.76	.95	1.00	36.9	10.8	3.39	.79	.98	1.00	34.8	10.2	3.87	.82	1.00	1.00
	1600	755	41.6	12.2	2.62	.79	.98	1.00	39.8	11.7	2.98	.81	.99	1.00	37.9	11.1	3.40	.84	1.00	1.00	35.8	10.5	3.88	.88	1.00	1.00
67°F (19°C)	1200	565	42.0	12.3	2.62	.55	.68	.83	40.0	11.7	2.99	.55	.70	.86	37.8	11.1	3.40	.57	.72	.89	35.5	10.4	3.88	.58	.74	.92
	1400	660	42.8	12.5	2.63	.57	.72	.89	40.7	11.9	2.99	.58	.74	.92	38.5	11.3	3.41	.59	.77	.95	36.2	10.6	3.88	.61	.80	.98
	1600	755	43.5	12.7	2.63	.59	.76	.95	41.4	12.1	3.00	.60	.79	.97	39.1	11.5	3.41	.62	.82	.99	36.7	10.8	3.89	.64	.85	1.00
71°F (22°C)	1200	565	44.7	13.1	2.64	.40	.53	.66	42.5	12.5	3.00	.41	.54	.68	40.2	11.8	3.42	.41	.55	.69	37.7	11.0	3.90	.42	.57	.72
	1400	660	45.4	13.3	2.65	.41	.56	.70	43.3	12.7	3.01	.42	.57	.72	40.9	12.0	3.43	.42	.58	.74	38.3	11.2	3.90	.43	.60	.77
	1600	755	46.0	13.5	2.65	.42	.58	.74	43.8	12.8	3.01	.43	.59	.76	41.4	12.1	3.43	.43	.61	.79	38.7	11.3	3.91	.44	.63	.83

HPXB15-042 — CH33-48C-2F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	40.9	12.0	2.63	.71	.86	.99	39.1	11.5	3.00	.72	.89	1.00	37.1	10.9	3.41	.74	.91	1.00	35.1	10.3	3.90	.76	.94	1.00
	1400	660	42.0	12.3	2.64	.74	.92	1.00	40.1	11.8	3.00	.76	.95	1.00	38.1	11.2	3.42	.79	.97	1.00	36.1	10.6	3.90	.82	.99	1.00
	1600	755	43.0	12.6	2.64	.79	.97	1.00	41.1	12.0	3.01	.81	.99	1.00	39.1	11.5	3.43	.84	1.00	1.00	37.1	10.9	3.91	.87	1.00	1.00
67°F (19°C)	1200	565	43.4	12.7	2.65	.55	.68	.82	41.3	12.1	3.01	.56	.70	.85	39.3	11.5	3.43	.57	.71	.88	37.0	10.8	3.91	.58	.74	.91
	1400	660	44.2	13.0	2.65	.57	.72	.89	42.2	12.4	3.02	.58	.74	.91	40.0	11.7	3.44	.59	.76	.94	37.7	11.0	3.93	.61	.79	.97
	1600	755	45.0	13.2	2.66	.59	.76	.94	42.9	12.6	3.03	.61	.78	.96	40.6	11.9	3.45	.62	.81	.99	38.2	11.2	3.93	.64	.85	1.00
71°F (22°C)	1200	565	46.2	13.5	2.67	.41	.53	.66	44.0	12.9	3.04	.41	.54	.67	41.8	12.3	3.45	.42	.55	.69	39.4	11.5	3.94	.42	.57	.72
	1400	660	47.0	13.8	2.67	.42	.56	.70	44.8	13.1	3.04	.42	.57	.72	42.5	12.5	3.46	.42	.58	.74	39.9	11.7	3.95	.43	.60	.77
	1600	755	47.7	14.0	2.68	.43	.58	.74	45.5	13.3	3.04	.43	.59	.76	43.0	12.6	3.47	.43	.61	.79	40.5	11.9	3.95	.44	.63	.82

HPXB15-042 - CH23-41 - CH33-42B-2F HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	49.2	14.4	3.51	40.1	11.8	3.32	31.0	9.1	3.15	21.6	6.3	2.77	10.9	3.2	2.10
1400	660	49.1	14.4	3.22	40.0	11.7	3.03	30.9	9.1	2.86	21.5	6.3	2.48	10.8	3.2	1.81
1600	755	49.8	14.6	3.24	40.7	11.9	3.05	31.6	9.3	2.88	22.2	6.5	2.50	11.5	3.4	1.83

HPXB15-042 - CH33-48C-2F - CH23-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	49.8	14.6	3.39	40.5	11.9	3.22	31.2	9.1	3.06	21.6	6.3	2.70	10.9	3.2	2.04
1400	660	49.8	14.6	3.12	40.5	11.9	2.95	31.2	9.1	2.79	21.6	6.3	2.43	10.9	3.2	1.76
1600	755	50.5	14.8	3.14	41.2	12.1	2.97	31.9	9.3	2.81	22.3	6.5	2.45	11.6	3.4	1.78

HPXB15-042 - CH23-41 - CH33-42B-2F HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.22	49.1	14.4
60	16	3.17	46.8	13.7
55	13	3.12	44.6	13.1
50	10	3.07	42.3	12.4
47	8	3.04	40.9	12.0
45	7	3.03	40.0	11.7
40	4	3.03	37.8	11.1
35	2	3.03	35.5	10.4
30	-1	2.94	33.2	9.7
25	-4	2.86	30.9	9.1
20	-7	2.78	28.7	8.4
17	-8	2.73	27.3	8.0
15	-9	2.70	26.4	7.7
10	-12	2.65	24.1	7.1
5	-15	2.48	21.5	6.3
0	-18	2.31	18.8	5.5
-5	-21	2.14	16.1	4.7
-10	-23	1.98	13.5	4.0
-15	-26	1.81	10.8	3.2
-20	-29	1.64	8.2	2.4

HPXB15-042 - CH33-48C-2F - CH23-51 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.12	49.8	14.6
60	16	3.07	47.5	13.9
55	13	3.02	45.2	13.2
50	10	2.98	42.9	12.6
47	8	2.95	41.5	12.2
45	7	2.95	40.5	11.9
40	4	2.95	38.2	11.2
35	2	2.95	35.9	10.5
30	-1	2.87	33.6	9.8
25	-4	2.79	31.2	9.1
20	-7	2.71	28.9	8.5
17	-8	2.66	27.5	8.1
15	-9	2.64	26.6	7.8
10	-12	2.59	24.2	7.1
5	-15	2.43	21.6	6.3
0	-18	2.26	18.9	5.5
-5	-21	2.10	16.2	4.7
-10	-23	1.93	13.6	4.0
-15	-26	1.76	10.9	3.2
-20	-29	1.60	8.2	2.4

RATINGS

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

HPXB15-042 — CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	41.8	12.3	2.64	.71	.87	.99	39.9	11.7	3.01	.73	.89	1.00	37.9	11.1	3.43	.75	.91	1.00	35.7	10.5	3.91	.77	.94	1.00
	1400	660	42.9	12.6	2.65	.75	.92	1.00	41.0	12.0	3.02	.77	.95	1.00	38.9	11.4	3.44	.79	.97	1.00	36.7	10.8	3.92	.82	1.00	1.00
	1600	755	43.9	12.9	2.66	.79	.97	1.00	41.9	12.3	3.02	.81	.99	1.00	40.0	11.7	3.44	.84	1.00	1.00	37.9	11.1	3.93	.87	1.00	1.00
67°F (19°C)	1200	565	44.4	13.0	2.66	.55	.69	.83	42.3	12.4	3.03	.56	.70	.85	40.1	11.8	3.45	.57	.72	.88	37.7	11.0	3.94	.59	.74	.91
	1400	660	45.3	13.3	2.67	.58	.73	.89	43.2	12.7	3.04	.59	.75	.91	40.9	12.0	3.46	.60	.77	.94	38.5	11.3	3.94	.62	.80	.97
	1600	755	46.1	13.5	2.67	.60	.77	.94	43.9	12.9	3.04	.61	.79	.97	41.5	12.2	3.46	.63	.82	.99	39.0	11.4	3.95	.64	.85	1.00
71°F (22°C)	1200	565	47.3	13.9	2.68	.41	.54	.66	45.1	13.2	3.05	.42	.55	.68	42.7	12.5	3.47	.42	.56	.70	40.1	11.8	3.96	.42	.58	.72
	1400	660	48.2	14.1	2.69	.42	.56	.71	45.9	13.5	3.06	.43	.58	.72	43.4	12.7	3.48	.43	.59	.74	40.8	12.0	3.97	.44	.61	.77
	1600	755	48.9	14.3	2.69	.43	.59	.75	46.6	13.7	3.06	.44	.60	.77	44.0	12.9	3.48	.44	.62	.80	41.3	12.1	3.97	.45	.64	.83

HPXB15-048 — CB30M-46 — CB30U-41/46 - CBX32M-042 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	45.2	13.2	2.79	.75	.90	1.00	43.2	12.7	3.17	.77	.92	1.00	41.0	12.0	3.59	.79	.94	1.00	38.6	11.3	4.08	.81	.97	1.00
	1600	755	46.2	13.5	2.79	.79	.94	1.00	44.2	13.0	3.17	.81	.96	1.00	42.0	12.3	3.59	.83	.98	1.00	39.6	11.6	4.09	.85	1.00	1.00
	1800	850	47.1	13.8	2.79	.82	.97	1.00	45.1	13.2	3.17	.84	.99	1.00	42.9	12.6	3.60	.86	1.00	1.00	40.6	11.9	4.09	.89	1.00	1.00
67°F (19°C)	1400	660	47.9	14.0	2.79	.58	.73	.87	45.7	13.4	3.17	.59	.75	.89	43.3	12.7	3.60	.61	.76	.91	40.7	11.9	4.09	.62	.79	.94
	1600	755	48.7	14.3	2.79	.60	.76	.91	46.5	13.6	3.17	.62	.78	.93	44.0	12.9	3.60	.63	.80	.96	41.3	12.1	4.10	.65	.83	.98
	1800	850	49.4	14.5	2.78	.62	.80	.95	47.1	13.8	3.17	.64	.82	.97	44.6	13.1	3.60	.65	.84	.99	41.8	12.3	4.10	.67	.87	1.00
71°F (22°C)	1400	660	51.0	14.9	2.78	.43	.57	.71	48.7	14.3	3.17	.44	.58	.72	46.2	13.5	3.60	.44	.59	.74	43.4	12.7	4.10	.44	.61	.76
	1600	755	51.8	15.2	2.78	.44	.59	.74	49.4	14.5	3.17	.44	.60	.76	46.8	13.7	3.61	.45	.62	.78	43.9	12.9	4.11	.46	.64	.81
	1800	850	52.4	15.4	2.78	.45	.61	.78	50.0	14.7	3.17	.45	.63	.80	47.3	13.9	3.61	.46	.64	.82	44.3	13.0	4.11	.47	.66	.85

HPXB15-042 - CH23-65 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1200	565	49.9	14.6	3.24	40.6	11.9	3.08	31.2	9.1	2.93	21.5	6.3	2.58	11.0	3.2	1.95
1400	660	49.8	14.6	2.98	40.5	11.9	2.81	31.1	9.1	2.66	21.4	6.3	2.32	10.9	3.2	1.68
1600	755	50.5	14.8	3.00	41.2	12.1	2.83	31.8	9.3	2.68	22.1	6.5	2.34	11.6	3.4	1.70

HPXB15-048 - CB30M-46 — CB30U41/46 - CBX32M-042 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	55.5	16.3	3.91	45.1	13.2	3.77	34.6	10.1	3.68	24.1	7.1	3.19	12.6	3.7	2.49
1600	755	54.8	16.1	3.27	44.4	13.0	3.14	33.9	9.9	3.05	23.4	6.9	2.55	11.9	3.5	1.85
1800	850	56.2	16.5	3.66	45.8	13.4	3.53	35.3	10.3	3.44	24.8	7.3	2.94	13.3	3.9	2.24

HPXB15-042 - CH23-65 HEATING PERFORMANCE at 1400 cfm (661 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	49.8	14.6
60	16	2.93	47.5	13.9
55	13	2.89	45.2	13.2
50	10	2.84	42.8	12.5
47	8	2.81	41.4	12.1
45	7	2.81	40.5	11.9
40	4	2.81	38.2	11.2
35	2	2.81	35.8	10.5
30	-1	2.74	33.5	9.8
25	-4	2.66	31.1	9.1
20	-7	2.59	28.8	8.4
17	-8	2.54	27.4	8.0
15	-9	2.52	26.4	7.7
10	-12	2.48	24.1	7.1
5	-15	2.32	21.4	6.3
0	-18	2.16	18.8	5.5
-5	-21	2.00	16.2	4.7
-10	-23	1.84	13.5	4.0
-15	-26	1.68	10.9	3.2
-20	-29	1.53	8.2	2.4

HPXB15-048 - CB30M-46-CB30U-41/46-CBX32M-042 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.27	54.8	16.1
60	16	3.22	52.2	15.3
55	13	3.17	49.6	14.5
50	10	3.12	47.0	13.8
47	8	3.09	45.5	13.3
45	7	3.14	44.4	13.0
40	4	3.25	41.6	12.2
35	2	3.36	38.9	11.4
30	-1	3.20	36.4	10.7
25	-4	3.05	33.9	9.9
20	-7	2.89	31.4	9.2
17	-8	2.79	29.9	8.8
15	-9	2.77	28.9	8.5
10	-12	2.72	26.3	7.7
5	-15	2.55	23.4	6.9
0	-18	2.38	20.5	6.0
-5	-21	2.20	17.7	5.2
-10	-23	2.03	14.8	4.3
-15	-26	1.85	11.9	3.5
-20	-29	1.68	9.0	2.6

RATINGS

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

HPXB15-048 — CB29M-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	46.1	13.5	2.81	.73	.89	1.00	44.0	12.9	3.19	.75	.91	1.00	41.7	12.2	3.62	.77	.93	1.00	39.2	11.5	4.11	.79	.97	1.00
	1600	755	47.0	13.8	2.81	.76	.93	1.00	44.9	13.2	3.19	.78	.95	1.00	42.6	12.5	3.63	.81	.98	1.00	40.2	11.8	4.12	.84	1.00	1.00
	1800	850	48.0	14.1	2.81	.80	.97	1.00	45.8	13.4	3.19	.82	.99	1.00	43.6	12.8	3.63	.85	1.00	1.00	41.2	12.1	4.12	.88	1.00	1.00
67°F (19°C)	1400	660	48.8	14.3	2.81	.57	.71	.85	46.5	13.6	3.20	.58	.72	.88	44.0	12.9	3.63	.59	.74	.90	41.2	12.1	4.13	.60	.77	.93
	1600	755	49.6	14.5	2.81	.59	.74	.90	47.2	13.8	3.20	.60	.76	.93	44.7	13.1	3.63	.61	.78	.95	41.8	12.3	4.13	.63	.82	.98
	1800	850	50.3	14.7	2.81	.61	.78	.94	47.9	14.0	3.20	.62	.80	.96	45.2	13.2	3.64	.63	.83	.99	42.4	12.4	4.14	.65	.86	1.00
71°F (22°C)	1400	660	51.9	15.2	2.81	.42	.55	.69	49.5	14.5	3.20	.42	.56	.70	46.8	13.7	3.64	.43	.57	.72	43.9	12.9	4.14	.43	.59	.75
	1600	755	52.7	15.4	2.80	.43	.57	.72	50.2	14.7	3.20	.43	.59	.74	47.5	13.9	3.64	.43	.60	.76	44.5	13.0	4.14	.44	.62	.79
	1800	850	53.4	15.6	2.80	.43	.59	.76	50.8	14.9	3.20	.44	.61	.78	48.0	14.1	3.64	.44	.62	.81	44.9	13.2	4.15	.45	.64	.84

HPXB15-048 — CB29M-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	45.9	13.5	2.81	.73	.89	1.00	43.8	12.8	3.19	.75	.91	1.00	41.5	12.2	3.62	.77	.94	1.00	39.1	11.5	4.11	.79	.97	1.00
	1600	755	46.9	13.7	2.81	.76	.93	1.00	44.8	13.1	3.19	.79	.95	1.00	42.5	12.5	3.63	.81	.98	1.00	40.0	11.7	4.12	.84	1.00	1.00
	1800	850	47.8	14.0	2.81	.80	.97	1.00	45.7	13.4	3.19	.82	.99	1.00	43.5	12.7	3.63	.85	1.00	1.00	41.1	12.0	4.12	.88	1.00	1.00
67°F (19°C)	1400	660	48.6	14.2	2.81	.57	.71	.85	46.3	13.6	3.20	.58	.72	.87	43.9	12.9	3.63	.59	.74	.90	41.1	12.0	4.13	.60	.77	.93
	1600	755	49.4	14.5	2.81	.59	.74	.90	47.1	13.8	3.20	.60	.76	.92	44.6	13.1	3.63	.61	.78	.95	41.7	12.2	4.13	.63	.82	.98
	1800	850	50.1	14.7	2.81	.61	.78	.94	47.7	14.0	3.20	.62	.80	.96	45.1	13.2	3.64	.63	.83	.99	42.2	12.4	4.14	.65	.86	1.00
71°F (22°C)	1400	660	51.8	15.2	2.81	.42	.55	.69	49.3	14.4	3.20	.42	.56	.70	46.7	13.7	3.64	.43	.57	.72	43.8	12.8	4.14	.43	.59	.75
	1600	755	52.6	15.4	2.80	.43	.57	.72	50.1	14.7	3.20	.43	.58	.74	47.4	13.9	3.64	.44	.60	.76	44.4	13.0	4.14	.44	.62	.79
	1800	850	53.2	15.6	2.80	.43	.60	.75	50.7	14.9	3.20	.44	.61	.78	47.9	14.0	3.64	.45	.62	.80	44.7	13.1	4.15	.45	.65	.84

HPXB15-048 - CB29M-51 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	55.4	16.2	3.95	45.3	13.3	3.83	35.2	10.3	3.77	24.8	7.3	3.27	12.6	3.7	2.53
1600	755	55.1	16.1	3.36	45.0	13.2	3.24	34.9	10.2	3.18	24.5	7.2	2.68	12.3	3.6	1.94
1800	850	56.0	16.4	3.68	45.9	13.5	3.57	35.8	10.5	3.50	25.4	7.4	3.01	13.2	3.9	2.27

HPXB15-048 - CB29M-65 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	55.9	16.4	4.03	45.8	13.4	3.91	35.6	10.4	3.85	25.2	7.4	3.35	13.1	3.8	2.61
1600	755	55.1	16.1	3.36	45.0	13.2	3.24	34.8	10.2	3.18	24.4	7.2	2.68	12.3	3.6	1.94
1800	850	56.5	16.6	3.76	46.4	13.6	3.64	36.2	10.6	3.58	25.8	7.6	3.08	13.7	4.0	2.34

HPXB15-048 - CB29M-51 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.36	55.1	16.1
60	16	3.31	52.6	15.4
55	13	3.27	50.1	14.7
50	10	3.22	47.6	14.0
47	8	3.20	46.1	13.5
45	7	3.24	45.0	13.2
40	4	3.37	42.3	12.4
35	2	3.49	39.6	11.6
30	-1	3.33	37.2	10.9
25	-4	3.18	34.9	10.2
20	-7	3.02	32.5	9.5
17	-8	2.93	31.0	9.1
15	-9	2.91	30.0	8.8
10	-12	2.86	27.5	8.1
5	-15	2.68	24.5	7.2
0	-18	2.50	21.4	6.3
-5	-21	2.31	18.4	5.4
-10	-23	2.13	15.4	4.5
-15	-26	1.94	12.3	3.6
-20	-29	1.76	9.3	2.7

HPXB15-048 - CB29M-65 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.36	55.1	16.1
60	16	3.31	52.6	15.4
55	13	3.27	50.1	14.7
50	10	3.22	47.5	13.9
47	8	3.20	46.0	13.5
45	7	3.24	45.0	13.2
40	4	3.37	42.3	12.4
35	2	3.49	39.6	11.6
30	-1	3.33	37.2	10.9
25	-4	3.18	34.8	10.2
20	-7	3.02	32.4	9.5
17	-8	2.93	31.0	9.1
15	-9	2.91	30.0	8.8
10	-12	2.86	27.5	8.1
5	-15	2.68	24.4	7.2
0	-18	2.50	21.4	6.3
-5	-21	2.31	18.4	5.4
-10	-23	2.13	15.4	4.5
-15	-26	1.94	12.3	3.6
-20	-29	1.76	9.3	2.7

RATINGS

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

HPXB15-048 — CB30M-51 — CB30U-51 - CBX32M-048 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	46.7	13.7	2.83	.73	.88	1.00	44.5	13.0	3.22	.74	.91	1.00	42.2	12.4	3.65	.76	.94	1.00	39.7	11.6	4.16	.79	.97	1.00
	1600	755	47.7	14.0	2.83	.76	.93	1.00	45.5	13.3	3.22	.78	.96	1.00	43.2	12.7	3.66	.81	.98	1.00	40.8	12.0	4.16	.83	1.00	1.00
	1800	850	48.7	14.3	2.83	.80	.97	1.00	46.5	13.6	3.22	.82	.99	1.00	44.3	13.0	3.65	.85	1.00	1.00	41.9	12.3	4.16	.88	1.00	1.00
67°F (19°C)	1400	660	49.6	14.5	2.82	.57	.70	.85	47.3	13.9	3.22	.57	.72	.87	44.7	13.1	3.66	.59	.74	.90	42.0	12.3	4.16	.60	.76	.94
	1600	755	50.5	14.8	2.83	.59	.74	.90	48.1	14.1	3.22	.60	.76	.92	45.5	13.3	3.66	.61	.78	.95	42.6	12.5	4.17	.63	.81	.98
	1800	850	51.2	15.0	2.83	.60	.77	.94	48.8	14.3	3.22	.62	.80	.97	46.1	13.5	3.66	.63	.82	.99	43.2	12.7	4.17	.65	.86	1.00
71°F (22°C)	1400	660	52.9	15.5	2.82	.42	.55	.68	50.4	14.8	3.22	.42	.56	.70	47.7	14.0	3.67	.43	.57	.72	44.7	13.1	4.18	.43	.59	.74
	1600	755	53.8	15.8	2.82	.43	.57	.72	51.2	15.0	3.23	.43	.58	.74	48.4	14.2	3.67	.43	.60	.76	45.4	13.3	4.18	.44	.61	.79
	1800	850	54.5	16.0	2.82	.43	.59	.75	51.8	15.2	3.22	.44	.61	.77	49.0	14.4	3.67	.44	.62	.80	45.8	13.4	4.18	.45	.64	.83

HPXB15-048 — CB31MV-51 - CBX32MV-048 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	47.8	14.0	2.84	.73	.88	1.00	45.6	13.4	3.23	.74	.90	1.00	43.3	12.7	3.67	.77	.93	1.00	40.8	12.0	4.18	.79	.96	1.00
	1600	755	48.8	14.3	2.84	.77	.93	1.00	46.6	13.7	3.23	.78	.95	1.00	44.3	13.0	3.67	.81	.97	1.00	41.8	12.3	4.18	.83	1.00	1.00
	1800	850	49.8	14.6	2.84	.80	.97	1.00	47.6	14.0	3.23	.82	.99	1.00	45.3	13.3	3.67	.84	1.00	1.00	43.0	12.6	4.18	.87	1.00	1.00
67°F (19°C)	1400	660	50.8	14.9	2.84	.57	.71	.85	48.4	14.2	3.24	.58	.72	.87	45.9	13.5	3.68	.59	.74	.89	43.1	12.6	4.19	.60	.76	.93
	1600	755	51.7	15.2	2.84	.59	.74	.89	49.3	14.4	3.24	.60	.76	.92	46.6	13.7	3.69	.61	.78	.94	43.8	12.8	4.19	.63	.81	.97
	1800	850	52.4	15.4	2.84	.61	.78	.94	50.0	14.7	3.24	.62	.80	.96	47.3	13.9	3.68	.63	.82	.98	44.4	13.0	4.19	.65	.85	1.00
71°F (22°C)	1400	660	54.1	15.9	2.83	.42	.55	.68	51.6	15.1	3.24	.43	.56	.70	48.9	14.3	3.69	.43	.57	.72	46.0	13.5	4.20	.43	.59	.74
	1600	755	55.0	16.1	2.83	.43	.57	.72	52.4	15.4	3.24	.43	.59	.74	49.7	14.6	3.69	.44	.60	.76	46.7	13.7	4.20	.44	.61	.79
	1800	850	55.7	16.3	2.83	.44	.59	.75	53.1	15.6	3.24	.44	.61	.77	50.3	14.7	3.69	.45	.62	.80	47.2	13.8	4.20	.45	.64	.83

HPXB15-048 - CB30M-51 —CB30U-51 - CBX32M-048 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	53.5	15.7	3.61	43.7	12.8	3.50	33.8	9.9	3.43	23.8	7.0	2.98	12.4	3.6	2.31
1600	755	52.8	15.5	3.06	43.0	12.6	2.95	33.1	9.7	2.88	23.1	6.8	2.43	11.7	3.4	1.76
1800	850	54.2	15.9	3.38	44.4	13.0	3.27	34.5	10.1	3.21	24.5	7.2	2.75	13.1	3.8	2.08

HPXB15-048 - CB31MV-51 - CBX32MV-048 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	54.8	16.1	3.66	44.6	13.1	3.56	34.4	10.1	3.50	24.0	7.0	3.05	12.5	3.7	2.38
1600	755	54.2	15.9	3.06	44.0	12.9	2.96	33.8	9.9	2.90	23.4	6.9	2.45	11.9	3.5	1.77
1800	850	55.4	16.2	3.43	45.2	13.2	3.33	35.0	10.3	3.27	24.6	7.2	2.82	13.1	3.8	2.14

HPXB15-048 - CB30M-51 - CB30U-51 - CBX32M-048 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.06	52.8	15.5
60	16	3.02	50.4	14.8
55	13	2.97	47.9	14.0
50	10	2.93	45.5	13.3
47	8	2.91	44.0	12.9
45	7	2.95	43.0	12.6
40	4	3.06	40.4	11.8
35	2	3.17	37.8	11.1
30	-1	3.03	35.4	10.4
25	-4	2.88	33.1	9.7
20	-7	2.74	30.8	9.0
17	-8	2.65	29.4	8.6
15	-9	2.63	28.4	8.3
10	-12	2.59	25.9	7.6
5	-15	2.43	23.1	6.8
0	-18	2.26	20.2	5.9
-5	-21	2.09	17.4	5.1
-10	-23	1.93	14.5	4.2
-15	-26	1.76	11.7	3.4
-20	-29	1.59	8.8	2.6

HPXB15-048 - CB31MV-51 - CBX32MV-048 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.06	54.2	15.9
60	16	3.02	51.7	15.2
55	13	2.98	49.1	14.4
50	10	2.94	46.6	13.7
47	8	2.91	45.1	13.2
45	7	2.96	44.0	12.9
40	4	3.07	41.3	12.1
35	2	3.18	38.6	11.3
30	-1	3.04	36.2	10.6
25	-4	2.90	33.8	9.9
20	-7	2.76	31.3	9.2
17	-8	2.67	29.9	8.8
15	-9	2.66	28.9	8.5
10	-12	2.62	26.3	7.7
5	-15	2.45	23.4	6.9
0	-18	2.28	20.5	6.0
-5	-21	2.11	17.6	5.2
-10	-23	1.94	14.8	4.3
-15	-26	1.77	11.9	3.5
-20	-29	1.60	9.0	2.6

RATINGS

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

HPXB15-048 — CB30M-65 —CB30U-65 - CBX32M-060 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	48.3	14.2	2.83	.73	.88	1.00	46.0	13.5	3.22	.75	.91	1.00	43.7	12.8	3.66	.77	.93	1.00	41.1	12.0	4.16	.79	.96	1.00
	1600	755	49.3	14.4	2.83	.77	.93	1.00	47.1	13.8	3.23	.78	.95	1.00	44.7	13.1	3.66	.81	.98	1.00	42.2	12.4	4.17	.83	1.00	1.00
	1800	850	50.3	14.7	2.83	.80	.97	1.00	48.0	14.1	3.22	.82	.99	1.00	45.8	13.4	3.66	.85	1.00	1.00	43.4	12.7	4.17	.87	1.00	1.00
67°F (19°C)	1400	660	51.3	15.0	2.83	.57	.71	.85	48.9	14.3	3.23	.58	.72	.87	46.3	13.6	3.67	.59	.74	.90	43.4	12.7	4.18	.60	.77	.93
	1600	755	52.2	15.3	2.83	.59	.74	.90	49.7	14.6	3.23	.60	.76	.92	47.1	13.8	3.67	.61	.78	.95	44.2	13.0	4.18	.63	.81	.98
	1800	850	52.9	15.5	2.83	.61	.78	.94	50.4	14.8	3.23	.62	.80	.96	47.7	14.0	3.67	.63	.82	.99	44.8	13.1	4.18	.65	.85	1.00
71°F (22°C)	1400	660	54.7	16.0	2.82	.42	.55	.68	52.1	15.3	3.23	.43	.56	.70	49.3	14.4	3.68	.43	.57	.72	46.4	13.6	4.19	.43	.59	.74
	1600	755	55.6	16.3	2.83	.43	.57	.72	52.9	15.5	3.23	.43	.59	.74	50.1	14.7	3.68	.44	.60	.76	47.0	13.8	4.19	.44	.62	.79
	1800	850	56.3	16.5	2.82	.44	.60	.76	53.6	15.7	3.23	.44	.61	.77	50.7	14.9	3.68	.45	.62	.80	47.5	13.9	4.19	.46	.64	.83

HPXB15-048 — CB31MV-65 - CBX32MV-060 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	49.2	14.4	2.83	.76	.91	1.00	46.9	13.7	3.22	.78	.93	1.00	44.5	13.0	3.66	.80	.96	1.00	41.9	12.3	4.16	.82	.98	1.00
	1600	755	50.3	14.7	2.83	.80	.96	1.00	48.0	14.1	3.22	.82	.98	1.00	45.5	13.3	3.66	.84	1.00	1.00	43.0	12.6	4.16	.86	1.00	1.00
	1800	850	51.3	15.0	2.83	.83	.99	1.00	49.0	14.4	3.22	.85	1.00	1.00	46.6	13.7	3.66	.87	1.00	1.00	44.2	13.0	4.16	.91	1.00	1.00
67°F (19°C)	1400	660	52.3	15.3	2.83	.59	.74	.88	49.8	14.6	3.23	.60	.75	.90	47.1	13.8	3.67	.61	.78	.92	44.2	13.0	4.18	.63	.80	.96
	1600	755	53.2	15.6	2.83	.61	.77	.92	50.7	14.9	3.23	.62	.79	.95	48.0	14.1	3.67	.64	.81	.97	45.0	13.2	4.17	.65	.84	1.00
	1800	850	54.0	15.8	2.83	.63	.81	.97	51.4	15.1	3.23	.65	.83	.99	48.6	14.2	3.67	.66	.85	1.00	45.6	13.4	4.18	.68	.88	1.00
71°F (22°C)	1400	660	55.8	16.4	2.82	.44	.58	.71	53.1	15.6	3.23	.44	.59	.73	50.3	14.7	3.68	.45	.60	.75	47.2	13.8	4.18	.45	.61	.77
	1600	755	56.7	16.6	2.82	.45	.60	.75	53.9	15.8	3.23	.45	.61	.77	51.0	14.9	3.68	.46	.63	.79	47.9	14.0	4.19	.46	.64	.82
	1800	850	57.4	16.8	2.82	.45	.62	.79	54.6	16.0	3.23	.46	.64	.81	51.6	15.1	3.68	.47	.65	.83	48.4	14.2	4.19	.47	.67	.86

HPXB15-048 - CB30M-65 — CB30U-65 - CBX32M-060 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	55.2	16.2	3.82	45.2	13.2	3.72	35.1	10.3	3.66	24.8	7.3	3.20	13.0	3.8	2.51
1600	755	54.2	15.9	3.11	44.2	13.0	3.01	34.1	10.0	2.95	23.8	7.0	2.49	12.0	3.5	1.80
1800	850	55.8	16.4	3.57	45.8	13.4	3.47	35.7	10.5	3.41	25.4	7.4	2.95	13.6	4.0	2.26

HPXB15-048 - CB31MV-65 - CBX32MV-060 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	55.9	16.4	3.83	44.8	13.1	3.53	33.7	9.9	3.21	22.9	6.7	2.87	11.5	3.4	2.13
1600	755	56.2	16.5	3.69	45.1	13.2	3.39	34.0	10.0	3.07	23.2	6.8	2.73	11.8	3.5	1.99
1800	850	55.4	16.2	3.12	44.3	13.0	2.82	33.2	9.7	2.51	22.4	6.6	2.16	11.0	3.2	1.43

HPXB15-048 - CB30M-65 - CB30U-65 - CBX32M-060 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.11	54.2	15.9
60	16	3.07	51.7	15.2
55	13	3.03	49.2	14.4
50	10	2.99	46.7	13.7
47	8	2.97	45.2	13.2
45	7	3.01	44.2	13.0
40	4	3.13	41.5	12.2
35	2	3.24	38.8	11.4
30	-1	3.10	36.4	10.7
25	-4	2.95	34.1	10.0
20	-7	2.80	31.7	9.3
17	-8	2.72	30.2	8.9
15	-9	2.70	29.2	8.6
10	-12	2.66	26.7	7.8
5	-15	2.49	23.8	7.0
0	-18	2.32	20.8	6.1
-5	-21	2.15	17.9	5.2
-10	-23	1.97	15.0	4.4
-15	-26	1.80	12.0	3.5
-20	-29	1.63	9.1	2.7

HPXB15-048 - CB31MV-65 - CBX32MV-060 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.69	56.2	16.5
60	16	3.62	53.4	15.6
55	13	3.55	50.7	14.9
50	10	3.48	48.0	14.1
47	8	3.43	46.3	13.6
45	7	3.39	45.1	13.2
40	4	3.27	42.1	12.3
35	2	3.15	39.1	11.5
30	-1	3.11	36.5	10.7
25	-4	3.07	34.0	10.0
20	-7	3.03	31.4	9.2
17	-8	3.01	29.9	8.8
15	-9	2.98	28.8	8.4
10	-12	2.91	26.1	7.6
5	-15	2.73	23.2	6.8
0	-18	2.54	20.4	6.0
-5	-21	2.36	17.5	5.1
-10	-23	2.18	14.7	4.3
-15	-26	1.99	11.8	3.5
-20	-29	1.81	9.0	2.6

RATINGS

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

HPXB15-048 — CVP10-46/EC10Q4 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	44.1	12.9	2.82	.72	.88	1.00	42.1	12.3	3.20	.73	.90	1.00	39.9	11.7	3.62	.75	.93	1.00	37.5	11.0	4.12	.78	.96	1.00
	1600	755	45.0	13.2	2.81	.75	.93	1.00	43.0	12.6	3.19	.77	.95	1.00	40.9	12.0	3.62	.80	.98	1.00	38.5	11.3	4.12	.83	1.00	1.00
	1800	850	46.0	13.5	2.81	.79	.97	1.00	43.9	12.9	3.20	.81	.99	1.00	41.8	12.3	3.63	.84	1.00	1.00	39.5	11.6	4.13	.87	1.00	1.00
67°F (19°C)	1400	660	46.7	13.7	2.81	.56	.69	.84	44.5	13.0	3.20	.56	.71	.87	42.1	12.3	3.63	.58	.73	.89	39.5	11.6	4.13	.59	.75	.93
	1600	755	47.5	13.9	2.81	.58	.73	.89	45.2	13.2	3.20	.59	.75	.92	42.8	12.5	3.63	.60	.77	.95	40.1	11.8	4.13	.62	.80	.98
	1800	850	48.1	14.1	2.81	.59	.77	.94	45.9	13.5	3.20	.61	.79	.96	43.4	12.7	3.63	.62	.82	.99	40.6	11.9	4.14	.64	.85	1.00
71°F (22°C)	1400	660	49.7	14.6	2.81	.41	.54	.67	47.3	13.9	3.20	.41	.55	.69	44.8	13.1	3.64	.42	.56	.71	42.0	12.3	4.14	.42	.58	.73
	1600	755	50.4	14.8	2.81	.42	.56	.71	48.1	14.1	3.20	.42	.57	.72	45.5	13.3	3.64	.43	.59	.75	42.6	12.5	4.14	.43	.60	.78
	1800	850	51.1	15.0	2.81	.43	.58	.74	48.7	14.3	3.20	.43	.60	.76	46.0	13.5	3.64	.44	.61	.79	43.1	12.6	4.14	.44	.63	.83

HPXB15-048 — CVP10-51/EC10Q4 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	44.8	13.1	2.72	.69	.86	1.00	42.8	12.5	3.10	.71	.89	1.00	40.6	11.9	3.52	.73	.92	1.00	38.3	11.2	4.00	.76	.95	1.00
	1600	755	45.8	13.4	2.72	.73	.92	1.00	43.8	12.8	3.10	.75	.94	1.00	41.6	12.2	3.52	.77	.97	1.00	39.2	11.5	4.00	.80	1.00	1.00
	1800	850	46.8	13.7	2.72	.77	.96	1.00	44.7	13.1	3.10	.79	.98	1.00	42.6	12.5	3.52	.82	1.00	1.00	40.3	11.8	4.00	.85	1.00	1.00
67°F (19°C)	1400	660	47.6	14.0	2.72	.54	.67	.82	45.4	13.3	3.10	.55	.69	.85	43.1	12.6	3.52	.56	.70	.88	40.4	11.8	4.01	.57	.73	.91
	1600	755	48.5	14.2	2.72	.56	.70	.88	46.2	13.5	3.10	.57	.72	.90	43.8	12.8	3.53	.58	.75	.94	41.1	12.0	4.02	.59	.78	.97
	1800	850	49.2	14.4	2.72	.58	.74	.92	46.9	13.7	3.11	.59	.76	.95	44.4	13.0	3.53	.60	.79	.98	41.7	12.2	4.02	.62	.83	1.00
71°F (22°C)	1400	660	50.7	14.9	2.72	.40	.52	.65	48.4	14.2	3.10	.40	.53	.66	45.9	13.5	3.53	.41	.55	.68	43.1	12.6	4.03	.41	.56	.70
	1600	755	51.6	15.1	2.72	.41	.54	.68	49.2	14.4	3.10	.41	.56	.70	46.6	13.7	3.54	.42	.57	.72	43.7	12.8	4.03	.42	.59	.75
	1800	850	52.3	15.3	2.72	.41	.57	.72	49.8	14.6	3.11	.42	.58	.74	47.1	13.8	3.54	.42	.59	.77	44.2	13.0	4.03	.43	.61	.80

HPXB15-048 - CVP10-46/EC10Q4 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	56.0	16.4	3.43	44.9	13.2	3.14	33.6	9.8	2.86	22.9	6.7	2.42	10.9	3.2	1.66
1600	755	57.4	16.8	3.82	46.3	13.6	3.53	35.0	10.3	3.25	24.3	7.1	2.81	12.3	3.6	2.05
1800	850	57.7	16.9	3.71	46.6	13.7	3.42	35.3	10.3	3.14	24.6	7.2	2.70	12.6	3.7	1.94

HPXB15-048 - CVP10-51/EC10Q4 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	54.4	15.9	3.28	44.1	12.9	3.00	33.8	9.9	2.73	23.4	6.9	2.31	11.9	3.5	1.59
1600	755	54.3	15.9	3.65	44.0	12.9	3.37	33.7	9.9	3.10	23.3	6.8	2.68	11.8	3.5	1.96
1800	850	54.6	16.0	3.55	44.3	13.0	3.28	34.0	10.0	3.01	23.6	6.9	2.58	12.1	3.5	1.86

HPXB15-048 - CVP10-46/EC10Q4 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.82	57.4	16.8
60	16	3.75	54.7	16.0
55	13	3.67	51.9	15.2
50	10	3.60	49.2	14.4
47	8	3.55	47.5	13.9
45	7	3.53	46.3	13.6
40	4	3.49	43.1	12.6
35	2	3.44	39.9	11.7
30	-1	3.34	37.4	11.0
25	-4	3.25	35.0	10.3
20	-7	3.16	32.6	9.6
17	-8	3.10	31.1	9.1
15	-9	3.07	30.0	8.8
10	-12	3.00	27.3	8.0
5	-15	2.81	24.3	7.1
0	-18	2.62	21.3	6.2
-5	-21	2.43	18.3	5.4
-10	-23	2.24	15.3	4.5
-15	-26	2.05	12.3	3.6
-20	-29	1.86	9.3	2.7

HPXB15-048 - CVP10-51/EC10Q4 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.65	54.3	15.9
60	16	3.57	51.7	15.2
55	13	3.50	49.2	14.4
50	10	3.43	46.6	13.7
47	8	3.39	45.1	13.2
45	7	3.37	44.0	12.9
40	4	3.32	41.4	12.1
35	2	3.28	38.7	11.3
30	-1	3.19	36.2	10.6
25	-4	3.10	33.7	9.9
20	-7	3.01	31.2	9.1
17	-8	2.96	29.7	8.7
15	-9	2.93	28.7	8.4
10	-12	2.86	26.2	7.7
5	-15	2.68	23.3	6.8
0	-18	2.50	20.4	6.0
-5	-21	2.32	17.5	5.1
-10	-23	2.14	14.7	4.3
-15	-26	1.96	11.8	3.5
-20	-29	1.78	8.9	2.6

RATINGS

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

HPXB15-048 — C26-51 - C33-60D - CX34-60D COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																						
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	46.7	13.7	2.82	.74	.89	1.00	44.6	13.1	3.21	.76	.91	1.00	42.3	12.4	3.65	.78	.94	1.00	39.8	11.7	4.15	.80	.96	1.00
	1600	755	47.7	14.0	2.82	.78	.93	1.00	45.6	13.4	3.21	.79	.96	1.00	43.3	12.7	3.65	.82	.98	1.00	40.9	12.0	4.15	.84	1.00	1.00
	1800	850	48.7	14.3	2.82	.81	.97	1.00	46.6	13.7	3.21	.83	.99	1.00	44.4	13.0	3.65	.85	1.00	1.00	42.0	12.3	4.15	.88	1.00	1.00
67°F (19°C)	1400	660	49.5	14.5	2.82	.58	.72	.86	47.2	13.8	3.21	.59	.73	.88	44.7	13.1	3.66	.60	.75	.90	42.0	12.3	4.16	.61	.78	.93
	1600	755	50.4	14.8	2.82	.60	.75	.90	48.0	14.1	3.22	.61	.77	.93	45.5	13.3	3.66	.62	.79	.95	42.7	12.5	4.16	.64	.82	.98
	1800	850	51.1	15.0	2.82	.62	.79	.95	48.7	14.3	3.22	.63	.81	.97	46.1	13.5	3.66	.64	.84	.99	43.3	12.7	4.16	.66	.86	1.00
71°F (22°C)	1400	660	52.7	15.4	2.82	.43	.56	.70	50.3	14.7	3.22	.43	.57	.71	47.6	14.0	3.66	.43	.58	.73	44.7	13.1	4.17	.44	.60	.75
	1600	755	53.6	15.7	2.81	.43	.58	.73	51.1	15.0	3.22	.44	.59	.75	48.3	14.2	3.67	.44	.61	.77	45.4	13.3	4.17	.45	.63	.80
	1800	850	54.3	15.9	2.82	.44	.61	.77	51.7	15.2	3.22	.45	.62	.79	48.9	14.3	3.66	.45	.64	.81	45.9	13.5	4.17	.46	.66	.84

HPXB15-048 — C26-65EAP COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																						
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	48.1	14.1	2.83	.74	.89	1.00	45.9	13.5	3.22	.76	.91	1.00	43.5	12.7	3.66	.78	.94	1.00	40.9	12.0	4.16	.80	.97	1.00
	1600	755	49.2	14.4	2.83	.78	.93	1.00	46.9	13.7	3.22	.79	.96	1.00	44.5	13.0	3.66	.82	.98	1.00	42.1	12.3	4.16	.84	1.00	1.00
	1800	850	50.2	14.7	2.83	.81	.97	1.00	48.0	14.1	3.22	.83	.99	1.00	45.7	13.4	3.66	.86	1.00	1.00	43.3	12.7	4.16	.89	1.00	1.00
67°F (19°C)	1400	660	51.0	14.9	2.83	.58	.72	.86	48.7	14.3	3.22	.58	.73	.88	46.1	13.5	3.67	.60	.75	.90	43.3	12.7	4.17	.61	.78	.94
	1600	755	52.0	15.2	2.83	.60	.75	.90	49.5	14.5	3.23	.61	.77	.93	46.9	13.7	3.67	.62	.79	.95	44.0	12.9	4.17	.64	.82	.98
	1800	850	52.8	15.5	2.82	.62	.79	.95	50.2	14.7	3.22	.63	.81	.97	47.5	13.9	3.67	.65	.84	.99	44.6	13.1	4.18	.66	.86	1.00
71°F (22°C)	1400	660	54.4	15.9	2.82	.43	.56	.69	51.8	15.2	3.23	.43	.57	.71	49.1	14.4	3.68	.43	.58	.73	46.1	13.5	4.18	.44	.60	.75
	1600	755	55.3	16.2	2.82	.44	.58	.73	52.7	15.4	3.23	.44	.59	.75	49.9	14.6	3.67	.44	.61	.77	46.8	13.7	4.18	.45	.63	.80
	1800	850	56.0	16.4	2.82	.44	.61	.77	53.4	15.6	3.23	.45	.62	.79	50.5	14.8	3.68	.45	.64	.81	47.3	13.9	4.19	.46	.66	.84

HPXB15-048 - C26-51 - C33-60D - CX34-60D HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	54.5	16.0	3.71	44.4	13.0	3.60	34.3	10.1	3.54	24.1	7.1	3.08	12.5	3.7	2.40
1600	755	53.8	15.8	3.11	43.7	12.8	3.00	33.6	9.8	2.94	23.4	6.9	2.48	11.8	3.5	1.80
1800	850	55.1	16.1	3.47	45.0	13.2	3.37	34.9	10.2	3.31	24.7	7.2	2.85	13.1	3.8	2.16

HPXB15-048 - C26-65EAP HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	54.6	16.0	3.65	44.5	13.0	3.55	34.4	10.1	3.48	24.1	7.1	3.03	12.5	3.7	2.36
1600	755	53.9	15.8	3.06	43.8	12.8	2.96	33.7	9.9	2.89	23.4	6.9	2.44	11.8	3.5	1.77
1800	850	55.2	16.2	3.42	45.1	13.2	3.32	35.0	10.3	3.25	24.7	7.2	2.80	13.1	3.8	2.13

HPXB15-048 - C26-51 - C33-60D - CX34-60D HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.11	53.8	15.8
60	16	3.06	51.3	15.0
55	13	3.02	48.8	14.3
50	10	2.98	46.3	13.6
47	8	2.96	44.8	13.1
45	7	3.00	43.7	12.8
40	4	3.12	41.0	12.0
35	2	3.23	38.4	11.3
30	-1	3.09	36.0	10.6
25	-4	2.94	33.6	9.8
20	-7	2.80	31.2	9.1
17	-8	2.71	29.8	8.7
15	-9	2.70	28.8	8.4
10	-12	2.65	26.3	7.7
5	-15	2.48	23.4	6.9
0	-18	2.31	20.5	6.0
-5	-21	2.14	17.6	5.2
-10	-23	1.97	14.7	4.3
-15	-26	1.80	11.8	3.5
-20	-29	1.63	8.9	2.6

HPXB15-048 - C26-65EAP HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.06	53.9	15.8
60	16	3.02	51.4	15.1
55	13	2.98	48.9	14.3
50	10	2.94	46.4	13.6
47	8	2.91	44.9	13.2
45	7	2.96	43.8	12.8
40	4	3.07	41.1	12.0
35	2	3.18	38.4	11.3
30	-1	3.04	36.1	10.6
25	-4	2.89	33.7	9.9
20	-7	2.75	31.3	9.2
17	-8	2.67	29.8	8.7
15	-9	2.65	28.8	8.4
10	-12	2.61	26.3	7.7
5	-15	2.44	23.4	6.9
0	-18	2.27	20.5	6.0
-5	-21	2.11	17.6	5.2
-10	-23	1.94	14.7	4.3
-15	-26	1.77	11.8	3.5
-20	-29	1.60	8.9	2.6

RATINGS

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

HPXB15-048 — CR26-48 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	45.1	13.2	2.82	.73	.88	.99	43.1	12.6	3.20	.74	.90	1.00	40.9	12.0	3.62	.76	.92	1.00	38.5	11.3	4.12	.79	.95	1.00
	1600	755	46.1	13.5	2.81	.76	.92	1.00	44.0	12.9	3.20	.78	.94	1.00	41.8	12.3	3.62	.80	.96	1.00	39.3	11.5	4.12	.83	.99	1.00
	1800	850	47.0	13.8	2.81	.79	.95	1.00	44.9	13.2	3.19	.81	.97	1.00	42.6	12.5	3.63	.83	.99	1.00	40.3	11.8	4.12	.87	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.81	.57	.70	.84	45.8	13.4	3.20	.57	.72	.87	43.3	12.7	3.63	.59	.74	.89	40.7	11.9	4.13	.60	.76	.92
	1600	755	48.8	14.3	2.81	.58	.74	.89	46.5	13.6	3.20	.59	.75	.91	44.0	12.9	3.63	.61	.77	.94	41.3	12.1	4.13	.62	.80	.97
	1800	850	49.4	14.5	2.81	.60	.77	.93	47.1	13.8	3.20	.61	.79	.95	44.6	13.1	3.63	.63	.81	.97	41.8	12.3	4.14	.64	.84	.99
71°F (22°C)	1400	660	51.1	15.0	2.81	.42	.55	.68	48.7	14.3	3.20	.42	.56	.70	46.2	13.5	3.64	.43	.57	.71	43.4	12.7	4.14	.43	.58	.74
	1600	755	51.9	15.2	2.81	.43	.57	.71	49.5	14.5	3.20	.43	.58	.73	46.8	13.7	3.64	.44	.59	.75	44.0	12.9	4.14	.44	.61	.78
	1800	850	52.5	15.4	2.81	.43	.59	.74	50.1	14.7	3.20	.44	.60	.77	47.4	13.9	3.64	.44	.62	.79	44.4	13.0	4.15	.45	.64	.82

HPXB15-048 — CR26-60 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	47.1	13.8	2.83	.74	.89	1.00	45.0	13.2	3.21	.76	.91	1.00	42.7	12.5	3.65	.77	.93	1.00	40.2	11.8	4.15	.80	.96	1.00
	1600	755	48.2	14.1	2.83	.77	.93	1.00	46.0	13.5	3.22	.79	.95	1.00	43.7	12.8	3.65	.81	.98	1.00	41.2	12.1	4.15	.84	1.00	1.00
	1800	850	49.1	14.4	2.82	.81	.97	1.00	47.0	13.8	3.22	.83	.99	1.00	44.7	13.1	3.65	.85	1.00	1.00	42.3	12.4	4.15	.88	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	2.82	.58	.72	.86	47.7	14.0	3.22	.59	.73	.88	45.2	13.2	3.66	.60	.75	.90	42.4	12.4	4.16	.61	.78	.93
	1600	755	50.9	14.9	2.82	.60	.75	.90	48.5	14.2	3.22	.61	.77	.92	45.9	13.5	3.66	.62	.79	.95	43.1	12.6	4.17	.64	.82	.98
	1800	850	51.6	15.1	2.82	.62	.79	.94	49.2	14.4	3.22	.63	.81	.96	46.6	13.7	3.67	.64	.83	.98	43.7	12.8	4.17	.66	.86	1.00
71°F (22°C)	1400	660	53.3	15.6	2.82	.43	.56	.69	50.9	14.9	3.22	.43	.57	.71	48.2	14.1	3.67	.43	.58	.73	45.2	13.2	4.18	.44	.60	.75
	1600	755	54.2	15.9	2.82	.43	.58	.73	51.7	15.2	3.22	.44	.59	.75	48.9	14.3	3.67	.44	.61	.77	45.9	13.5	4.17	.45	.62	.80
	1800	850	54.9	16.1	2.82	.44	.60	.76	52.2	15.3	3.22	.45	.62	.78	49.4	14.5	3.67	.45	.63	.81	46.4	13.6	4.18	.46	.65	.84

HPXB15-048 - CR26-48 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	54.9	16.1	4.09	45.0	13.2	3.95	34.9	10.2	3.86	24.7	7.2	3.35	12.9	3.8	2.63
1600	755	54.0	15.8	3.36	44.1	12.9	3.22	34.0	10.0	3.13	23.8	7.0	2.63	12.0	3.5	1.91
1800	850	55.5	16.3	3.82	45.6	13.4	3.68	35.5	10.4	3.59	25.3	7.4	3.09	13.5	4.0	2.37

HPXB15-048 - CR26-60 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	55.3	16.2	3.58	45.1	13.2	3.63	34.8	10.2	3.71	24.5	7.2	3.40	12.7	3.7	2.60
1600	755	54.6	16.0	2.98	44.4	13.0	3.03	34.1	10.0	3.11	23.8	7.0	2.80	12.0	3.5	2.00
1800	850	56.0	16.4	3.35	45.8	13.4	3.40	35.5	10.4	3.48	25.2	7.4	3.17	13.4	3.9	2.37

HPXB15-048 - CR26-48 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.36	54.0	15.8
60	16	3.31	51.6	15.1
55	13	3.26	49.1	14.4
50	10	3.21	46.6	13.7
47	8	3.18	45.1	13.2
45	7	3.22	44.1	12.9
40	4	3.34	41.4	12.1
35	2	3.46	38.8	11.4
30	-1	3.30	36.4	10.7
25	-4	3.13	34.0	10.0
20	-7	2.97	31.7	9.3
17	-8	2.88	30.3	8.9
15	-9	2.86	29.3	8.6
10	-12	2.80	26.8	7.9
5	-15	2.63	23.8	7.0
0	-18	2.45	20.9	6.1
-5	-21	2.27	17.9	5.2
-10	-23	2.09	15.0	4.4
-15	-26	1.91	12.0	3.5
-20	-29	1.73	9.1	2.7

HPXB15-048 - CR26-60 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	2.98	54.6	16.0
60	16	2.98	52.1	15.3
55	13	2.98	49.5	14.5
50	10	2.99	47.0	13.8
47	8	2.99	45.5	13.3
45	7	3.03	44.4	13.0
40	4	3.14	41.7	12.2
35	2	3.26	39.0	11.4
30	-1	3.18	36.6	10.7
25	-4	3.11	34.1	10.0
20	-7	3.04	31.7	9.3
17	-8	3.00	30.3	8.9
15	-9	3.00	29.3	8.6
10	-12	3.00	26.7	7.8
5	-15	2.80	23.8	7.0
0	-18	2.60	20.8	6.1
-5	-21	2.40	17.9	5.2
-10	-23	2.20	15.0	4.4
-15	-26	2.00	12.0	3.5
-20	-29	1.80	9.1	2.7

RATINGS

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

HPXB15-048 — CH33-44B-2F - CH33-50C-2F - CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	45.9	13.5	2.82	.73	.89	1.00	43.8	12.8	3.20	.75	.91	1.00	41.4	12.1	3.64	.76	.94	1.00	38.9	11.4	4.14	.79	.98	1.00
	1600	755	46.9	13.7	2.82	.76	.94	1.00	44.8	13.1	3.21	.79	.96	1.00	42.4	12.4	3.64	.81	.99	1.00	40.0	11.7	4.14	.84	1.00	1.00
	1800	850	47.9	14.0	2.82	.80	.98	1.00	45.8	13.4	3.21	.83	.99	1.00	43.5	12.7	3.64	.85	1.00	1.00	41.1	12.0	4.14	.89	1.00	1.00
67°F (19°C)	1400	660	48.5	14.2	2.82	.56	.71	.86	46.2	13.5	3.21	.57	.72	.88	43.7	12.8	3.64	.58	.74	.91	40.9	12.0	4.15	.60	.77	.95
	1600	755	49.4	14.5	2.82	.59	.74	.91	47.0	13.8	3.21	.60	.76	.93	44.4	13.0	3.65	.61	.79	.96	41.6	12.2	4.15	.63	.82	.99
	1800	850	50.1	14.7	2.81	.61	.78	.95	47.7	14.0	3.21	.62	.80	.98	45.0	13.2	3.65	.63	.83	.99	42.1	12.3	4.16	.66	.87	1.00
71°F (22°C)	1400	660	51.7	15.2	2.81	.42	.55	.68	49.2	14.4	3.21	.42	.56	.70	46.5	13.6	3.65	.42	.57	.72	43.5	12.7	4.16	.43	.59	.75
	1600	755	52.5	15.4	2.81	.42	.57	.72	50.0	14.7	3.21	.43	.58	.74	47.1	13.8	3.66	.43	.60	.76	44.1	12.9	4.16	.44	.62	.79
	1800	850	53.1	15.6	2.81	.43	.60	.76	50.5	14.8	3.21	.44	.61	.78	47.6	14.0	3.66	.44	.63	.81	44.6	13.1	4.16	.45	.65	.84

HPXB15-048 — CH23-68 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 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	48.8	14.3	2.83	.75	.90	1.00	46.5	13.6	3.23	.77	.92	1.00	44.0	12.9	3.67	.79	.95	1.00	41.4	12.1	4.17	.81	.98	1.00
	1600	755	49.9	14.6	2.83	.79	.95	1.00	47.6	14.0	3.23	.81	.97	1.00	45.2	13.2	3.67	.83	.99	1.00	42.7	12.5	4.17	.86	1.00	1.00
	1800	850	51.0	14.9	2.83	.83	.99	1.00	48.8	14.3	3.23	.85	1.00	1.00	46.5	13.6	3.67	.87	1.00	1.00	43.9	12.9	4.17	.90	1.00	1.00
67°F (19°C)	1400	660	51.8	15.2	2.83	.58	.73	.87	49.3	14.4	3.23	.59	.74	.89	46.6	13.7	3.67	.61	.77	.92	43.7	12.8	4.18	.62	.79	.95
	1600	755	52.8	15.5	2.83	.61	.77	.92	50.2	14.7	3.23	.62	.79	.94	47.5	13.9	3.67	.63	.81	.97	44.4	13.0	4.18	.65	.84	1.00
	1800	850	53.6	15.7	2.83	.63	.80	.96	50.9	14.9	3.23	.64	.83	.98	48.1	14.1	3.68	.66	.85	1.00	45.1	13.2	4.18	.68	.88	1.00
71°F (22°C)	1400	660	55.2	16.2	2.82	.43	.57	.70	52.5	15.4	3.23	.44	.58	.72	49.7	14.6	3.68	.44	.59	.74	46.5	13.6	4.19	.45	.61	.77
	1600	755	56.1	16.4	2.82	.44	.59	.74	53.4	15.6	3.23	.44	.60	.76	50.4	14.8	3.68	.45	.62	.79	47.2	13.8	4.19	.46	.64	.82
	1800	850	56.8	16.6	2.82	.45	.62	.78	54.0	15.8	3.23	.46	.63	.80	51.0	14.9	3.68	.46	.65	.83	47.7	14.0	4.20	.47	.67	.86

HPXB15-048 - CH33-44B-2F - CH33-50C-2F - CH23-65 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	56.5	16.6	3.89	46.2	13.5	3.79	35.9	10.5	3.73	25.4	7.4	3.25	13.2	3.9	2.53
1600	755	55.7	16.3	3.26	45.4	13.3	3.15	35.1	10.3	3.09	24.6	7.2	2.61	12.4	3.6	1.89
1800	850	57.1	16.7	3.64	46.8	13.7	3.54	36.5	10.7	3.48	26.0	7.6	3.00	13.8	4.0	2.28

HPXB15-048 - CH23-68 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1400	660	56.7	16.6	3.66	44.4	13.0	3.37	32.0	9.4	3.08	20.6	6.0	2.74	10.5	3.1	2.03
1600	755	57.1	16.7	3.54	44.8	13.1	3.25	32.4	9.5	2.96	21.0	6.2	2.62	10.9	3.2	1.91
1800	850	56.4	16.5	3.02	44.1	12.9	2.73	31.7	9.3	2.44	20.3	5.9	2.10	10.2	3.0	1.39

HPXB15-048 - CH33-44B-2F - CH33-50C-2F - CH23-65 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.26	55.7	16.3
60	16	3.21	53.2	15.6
55	13	3.17	50.6	14.8
50	10	3.13	48.1	14.1
47	8	3.10	46.5	13.6
45	7	3.15	45.4	13.3
40	4	3.27	42.7	12.5
35	2	3.39	40.0	11.7
30	-1	3.24	37.5	11.0
25	-4	3.09	35.1	10.3
20	-7	2.94	32.7	9.6
17	-8	2.85	31.2	9.1
15	-9	2.83	30.2	8.9
10	-12	2.79	27.6	8.1
5	-15	2.61	24.6	7.2
0	-18	2.43	21.5	6.3
-5	-21	2.25	18.5	5.4
-10	-23	2.07	15.4	4.5
-15	-26	1.89	12.4	3.6
-20	-29	1.71	9.4	2.8

HPXB15-048 - CH23-68 HEATING PERFORMANCE at 1600 cfm (755 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	3.54	57.1	16.7
60	16	3.47	54.0	15.8
55	13	3.40	51.0	14.9
50	10	3.33	47.9	14.0
47	8	3.29	46.1	13.5
45	7	3.25	44.8	13.1
40	4	3.15	41.5	12.2
35	2	3.04	38.2	11.2
30	-1	3.00	35.3	10.3
25	-4	2.96	32.4	9.5
20	-7	2.91	29.6	8.7
17	-8	2.89	27.8	8.1
15	-9	2.86	26.6	7.8
10	-12	2.79	23.6	6.9
5	-15	2.62	21.0	6.2
0	-18	2.44	18.5	5.4
-5	-21	2.26	16.0	4.7
-10	-23	2.09	13.4	3.9
-15	-26	1.91	10.9	3.2
-20	-29	1.73	8.4	2.5

RATINGS

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

HPXB15-060 — CB31MV-51 - CBX32MV-048 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	54.1	15.9	3.95	.70	.86	.99	51.7	15.2	4.47	.72	.88	1.00	49.0	14.4	5.06	.74	.91	1.00	46.1	13.5	5.76	.76	.94	1.00
	1950	920	55.1	16.1	3.96	.73	.90	1.00	52.6	15.4	4.48	.75	.92	1.00	49.8	14.6	5.08	.77	.95	1.00	46.9	13.7	5.76	.80	.98	1.00
	2150	1015	56.0	16.4	3.97	.76	.93	1.00	53.4	15.6	4.49	.78	.96	1.00	50.6	14.8	5.08	.80	.98	1.00	47.9	14.0	5.77	.84	1.00	1.00
67°F (19°C)	1750	825	57.4	16.8	3.98	.55	.68	.82	54.7	16.0	4.51	.56	.69	.85	51.8	15.2	5.10	.57	.71	.88	48.7	14.3	5.79	.58	.74	.91
	1950	920	58.2	17.1	3.99	.56	.71	.86	55.5	16.3	4.51	.57	.72	.89	52.5	15.4	5.11	.58	.75	.92	49.2	14.4	5.80	.60	.77	.95
	2150	1015	59.0	17.3	3.99	.58	.73	.90	56.1	16.4	4.52	.59	.76	.93	53.0	15.5	5.12	.60	.78	.96	49.8	14.6	5.81	.62	.81	.99
71°F (22°C)	1750	825	61.1	17.9	4.02	.41	.53	.66	58.2	17.1	4.54	.41	.54	.67	55.1	16.1	5.14	.41	.55	.69	51.7	15.2	5.83	.42	.57	.71
	1950	920	62.0	18.2	4.03	.41	.55	.68	59.0	17.3	4.54	.42	.56	.70	55.8	16.4	5.15	.42	.57	.72	52.2	15.3	5.85	.43	.59	.75
	2150	1015	62.7	18.4	4.03	.42	.56	.71	59.6	17.5	4.56	.42	.58	.73	56.3	16.5	5.16	.43	.59	.76	52.7	15.4	5.85	.43	.61	.79

HPXB15-060 — CB31MV-65 - CBX32MV-060 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	54.6	16.0	3.96	.70	.86	.99	52.0	15.2	4.47	.72	.88	1.00	49.3	14.4	5.06	.74	.91	1.00	46.3	13.6	5.75	.76	.95	1.00
	1950	920	55.5	16.3	3.96	.73	.90	1.00	52.9	15.5	4.48	.75	.92	1.00	50.1	14.7	5.07	.77	.95	1.00	47.2	13.8	5.76	.80	.98	1.00
	2150	1015	56.4	16.5	3.96	.76	.93	1.00	53.8	15.8	4.49	.78	.96	1.00	51.0	14.9	5.08	.80	.98	1.00	48.1	14.1	5.77	.83	1.00	1.00
67°F (19°C)	1750	825	57.9	17.0	3.98	.55	.68	.82	55.1	16.1	4.50	.56	.69	.85	52.1	15.3	5.10	.57	.71	.88	48.9	14.3	5.78	.58	.74	.91
	1950	920	58.7	17.2	3.99	.56	.71	.86	55.8	16.4	4.51	.57	.72	.89	52.8	15.5	5.10	.58	.75	.92	49.5	14.5	5.80	.60	.78	.95
	2150	1015	59.4	17.4	3.99	.58	.73	.90	56.5	16.6	4.51	.59	.75	.93	53.4	15.6	5.12	.60	.78	.96	50.0	14.7	5.81	.62	.81	.99
71°F (22°C)	1750	825	61.6	18.1	4.01	.41	.53	.66	58.6	17.2	4.54	.41	.54	.67	55.4	16.2	5.14	.41	.55	.69	51.9	15.2	5.83	.42	.57	.71
	1950	920	62.5	18.3	4.02	.41	.55	.68	59.4	17.4	4.55	.42	.56	.70	56.1	16.4	5.14	.42	.57	.72	52.5	15.4	5.85	.43	.59	.75
	2150	1015	63.1	18.5	4.03	.42	.56	.71	60.0	17.6	4.55	.42	.58	.73	56.6	16.6	5.16	.43	.59	.76	53.0	15.5	5.85	.44	.61	.79

HPXB15-060 - CB31MV-51 - CBX32MV-048 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	69.8	20.5	4.90	55.3	16.2	4.46	40.7	11.9	4.04	27.0	7.9	3.42	13.7	4.0	2.55
2000	945	70.1	20.5	4.76	55.6	16.3	4.32	41.0	12.0	3.90	27.3	8.0	3.28	14.0	4.1	2.41
2200	1040	70.3	20.6	4.65	55.8	16.4	4.21	41.2	12.1	3.79	27.5	8.1	3.17	14.2	4.2	2.30

HPXB15-060 - CB31MV-65 - CBX32MV-060 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	70.3	20.6	4.98	56.0	16.4	4.53	41.6	12.2	4.08	27.8	8.1	3.50	14.1	4.1	2.61
2000	945	70.5	20.7	4.84	56.2	16.5	4.39	41.8	12.3	3.94	28.0	8.2	3.36	14.3	4.2	2.47
2200	1040	70.8	20.7	4.73	56.5	16.6	4.28	42.1	12.3	3.83	28.3	8.3	3.25	14.6	4.3	2.36

HPXB15-060 - CB31MV-51 - CBX32MV-048 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.76	70.1	20.5
60	16	4.65	66.5	19.5
55	13	4.53	62.9	18.4
50	10	4.42	59.3	17.4
47	8	4.35	57.2	16.8
45	7	4.32	55.6	16.3
40	4	4.27	51.6	15.1
35	2	4.21	47.5	13.9
30	-1	4.06	44.3	13.0
25	-4	3.90	41.0	12.0
20	-7	3.75	37.7	11.0
17	-8	3.66	35.7	10.5
15	-9	3.61	34.3	10.1
10	-12	3.50	30.7	9.0
5	-15	3.28	27.3	8.0
0	-18	3.06	24.0	7.0
-5	-21	2.85	20.7	6.1
-10	-23	2.63	17.4	5.1
-15	-26	2.41	14.0	4.1
-20	-29	2.20	10.7	3.1

HPXB15-060 - CB31MV-65 - CBX32MV-060 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.84	70.5	20.7
60	16	4.73	67.0	19.6
55	13	4.61	63.4	18.6
50	10	4.50	59.9	17.6
47	8	4.43	57.7	16.9
45	7	4.39	56.2	16.5
40	4	4.29	52.3	15.3
35	2	4.19	48.4	14.2
30	-1	4.07	45.1	13.2
25	-4	3.94	41.8	12.3
20	-7	3.82	38.4	11.3
17	-8	3.75	36.4	10.7
15	-9	3.70	35.0	10.3
10	-12	3.59	31.4	9.2
5	-15	3.36	28.0	8.2
0	-18	3.14	24.6	7.2
-5	-21	2.92	21.2	6.2
-10	-23	2.70	17.8	5.2
-15	-26	2.47	14.3	4.2
-20	-29	2.25	10.9	3.2

RATINGS

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

HPXB15-060 — CB30M-51 — CB30U-51 - CBX32M-048 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	55.3	16.2	3.97	.74	.89	1.00	52.5	15.4	4.49	.76	.91	1.00	49.5	14.5	5.08	.78	.94	1.00	46.2	13.5	5.76	.81	.97	1.00
	1950	920	56.3	16.5	3.97	.77	.92	1.00	53.4	15.6	4.50	.79	.95	1.00	50.4	14.8	5.09	.81	.97	1.00	47.2	13.8	5.77	.84	1.00	1.00
	2150	1015	57.2	16.8	3.98	.79	.96	1.00	54.3	15.9	4.50	.82	.98	1.00	51.3	15.0	5.10	.84	1.00	1.00	48.2	14.1	5.79	.88	1.00	1.00
67°F (19°C)	1750	825	58.6	17.2	4.00	.57	.72	.86	55.6	16.3	4.52	.58	.73	.88	52.3	15.3	5.11	.60	.76	.91	48.6	14.2	5.80	.61	.78	.95
	1950	920	59.4	17.4	4.00	.59	.74	.89	56.3	16.5	4.52	.60	.76	.92	52.9	15.5	5.12	.62	.79	.95	49.1	14.4	5.81	.63	.82	.98
	2150	1015	60.1	17.6	4.01	.61	.77	.93	56.9	16.7	4.53	.62	.80	.95	53.5	15.7	5.13	.64	.82	.98	49.7	14.6	5.81	.66	.86	1.00
71°F (22°C)	1750	825	62.4	18.3	4.03	.43	.56	.69	59.1	17.3	4.55	.43	.57	.71	55.6	16.3	5.15	.43	.58	.73	51.6	15.1	5.84	.44	.60	.76
	1950	920	63.2	18.5	4.04	.43	.58	.72	59.8	17.5	4.56	.44	.59	.74	56.1	16.4	5.16	.44	.60	.77	52.2	15.3	5.84	.45	.63	.80
	2150	1015	63.9	18.7	4.04	.44	.59	.75	60.4	17.7	4.57	.44	.61	.77	56.7	16.6	5.16	.45	.63	.80	52.6	15.4	5.85	.46	.65	.84

HPXB15-060 — CB30M-65 — CB30U-65 - CBX32M-060 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	57.1	16.7	3.99	.74	.88	.99	54.5	16.0	4.51	.75	.90	1.00	51.7	15.2	5.10	.77	.92	1.00	48.6	14.2	5.80	.80	.95	1.00
	1950	920	58.2	17.1	3.99	.76	.91	1.00	55.5	16.3	4.52	.78	.93	1.00	52.6	15.4	5.12	.80	.96	1.00	49.5	14.5	5.81	.83	.98	1.00
	2150	1015	59.1	17.3	4.00	.79	.94	1.00	56.3	16.5	4.53	.81	.96	1.00	53.4	15.6	5.13	.83	.99	1.00	50.5	14.8	5.82	.86	1.00	1.00
67°F (19°C)	1750	825	60.6	17.8	4.01	.58	.71	.85	57.7	16.9	4.54	.59	.73	.87	54.7	16.0	5.14	.60	.75	.89	51.3	15.0	5.83	.61	.77	.92
	1950	920	61.5	18.0	4.02	.59	.74	.88	58.5	17.1	4.55	.60	.76	.91	55.4	16.2	5.15	.61	.78	.93	51.9	15.2	5.85	.63	.81	.96
	2150	1015	62.2	18.2	4.03	.61	.77	.92	59.2	17.3	4.55	.62	.79	.94	56.0	16.4	5.16	.63	.81	.96	52.5	15.4	5.86	.65	.84	.99
71°F (22°C)	1750	825	64.5	18.9	4.05	.43	.56	.69	61.4	18.0	4.58	.43	.57	.71	58.1	17.0	5.18	.44	.58	.73	54.5	16.0	5.88	.44	.60	.75
	1950	920	65.4	19.2	4.05	.43	.58	.72	62.2	18.2	4.59	.44	.59	.74	58.8	17.2	5.19	.44	.60	.76	55.1	16.1	5.90	.45	.62	.78
	2150	1015	66.1	19.4	4.06	.44	.59	.75	62.9	18.4	4.59	.44	.61	.76	59.3	17.4	5.20	.45	.62	.79	55.6	16.3	5.90	.46	.64	.82

HPXB15-060 - CB30M-51 — CB30U-51 - CBX32M-048 - HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	70.8	20.7	4.64	54.5	16.0	4.52	37.3	10.9	4.44	27.0	7.9	3.98	13.6	4.0	3.02
2000	945	71.3	20.9	4.10	55.0	16.1	3.99	37.8	11.1	3.90	27.5	8.1	3.44	14.1	4.1	2.48
2200	1040	71.6	21.0	4.01	55.3	16.2	3.89	38.1	11.2	3.81	27.8	8.1	3.35	14.4	4.2	2.39

HPXB15-060 - CB30M-65 — CB30U-65 - CBX32M-060 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	69.5	20.4	4.80	56.8	16.6	4.61	44.0	12.9	4.46	31.0	9.1	3.93	16.0	4.7	3.01
2000	945	68.9	20.2	4.23	56.2	16.5	4.04	43.4	12.7	3.89	30.4	8.9	3.36	15.4	4.5	2.44
2200	1040	70.1	20.5	4.55	57.4	16.8	4.37	44.6	13.1	4.21	31.6	9.3	3.68	16.6	4.9	2.76

HPXB15-060 - CB30M-51 - CB30U-51 - CBX32M-048 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.10	71.3	20.9
60	16	4.06	67.6	19.8
55	13	4.03	63.9	18.7
50	10	3.99	60.3	17.7
47	8	3.96	58.0	17.0
45	7	3.99	55.0	16.1
40	4	4.05	47.5	13.9
35	2	4.11	40.0	11.7
30	-1	4.00	38.9	11.4
25	-4	3.90	37.8	11.1
20	-7	3.80	36.7	10.8
17	-8	3.73	36.0	10.6
15	-9	3.72	34.5	10.1
10	-12	3.68	30.9	9.1
5	-15	3.44	27.5	8.1
0	-18	3.20	24.2	7.1
-5	-21	2.96	20.8	6.1
-10	-23	2.72	17.5	5.1
-15	-26	2.48	14.1	4.1
-20	-29	2.24	10.8	3.2

HPXB15-060 - CB30M-65 - CB30U-65 - CBX32M-060 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.23	68.9	20.2
60	16	4.17	65.8	19.3
55	13	4.11	62.6	18.3
50	10	4.05	59.5	17.4
47	8	4.02	57.6	16.9
45	7	4.04	56.2	16.5
40	4	4.10	52.7	15.4
35	2	4.15	49.2	14.4
30	-1	4.02	46.3	13.6
25	-4	3.89	43.4	12.7
20	-7	3.75	40.4	11.8
17	-8	3.67	38.6	11.3
15	-9	3.65	37.4	11.0
10	-12	3.59	34.2	10.0
5	-15	3.36	30.4	8.9
0	-18	3.13	26.7	7.8
-5	-21	2.90	22.9	6.7
-10	-23	2.67	19.1	5.6
-15	-26	2.44	15.4	4.5
-20	-29	2.20	11.6	3.4

RATINGS

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

HPXB15-060 — CVP10-51/EC10Q4 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	52.3	15.3	3.93	.71	.87	.99	49.9	14.6	4.45	.73	.89	1.00	47.3	13.9	5.04	.75	.91	1.00	44.5	13.0	5.71	.77	.95	1.00
	1950	920	53.3	15.6	3.94	.74	.90	1.00	50.8	14.9	4.45	.75	.92	1.00	48.2	14.1	5.04	.78	.95	1.00	45.3	13.3	5.73	.81	.98	1.00
	2150	1015	54.1	15.9	3.94	.76	.94	1.00	51.6	15.1	4.46	.78	.96	1.00	49.0	14.4	5.05	.81	.98	1.00	46.2	13.5	5.74	.84	1.00	1.00
67°F (19°C)	1750	825	55.5	16.3	3.95	.55	.69	.83	52.8	15.5	4.48	.56	.70	.85	49.9	14.6	5.07	.57	.72	.88	46.9	13.7	5.75	.59	.74	.91
	1950	920	56.2	16.5	3.96	.57	.71	.87	53.5	15.7	4.48	.58	.73	.89	50.6	14.8	5.07	.59	.75	.92	47.5	13.9	5.76	.61	.78	.95
	2150	1015	56.9	16.7	3.97	.58	.74	.91	54.2	15.9	4.49	.59	.76	.93	51.2	15.0	5.08	.61	.79	.96	48.0	14.1	5.76	.63	.82	.98
71°F (22°C)	1750	825	59.0	17.3	3.98	.41	.54	.66	56.1	16.4	4.51	.42	.55	.68	53.1	15.6	5.11	.42	.56	.70	49.8	14.6	5.79	.42	.57	.72
	1950	920	59.8	17.5	4.00	.42	.55	.69	56.9	16.7	4.52	.42	.57	.71	53.8	15.8	5.11	.42	.58	.73	50.4	14.8	5.80	.43	.59	.76
	2150	1015	60.4	17.7	4.00	.42	.57	.72	57.4	16.8	4.52	.43	.58	.74	54.3	15.9	5.12	.43	.60	.76	50.9	14.9	5.81	.44	.61	.79

HPXB15-060 — CVP10-65/EC10Q4 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	56.6	16.6	3.99	.75	.89	.99	54.0	15.8	4.51	.76	.91	1.00	51.3	15.0	5.10	.78	.93	1.00	48.5	14.2	5.79	.81	.96	1.00
	1950	920	57.6	16.9	3.99	.78	.93	1.00	55.0	16.1	4.51	.79	.95	1.00	52.3	15.3	5.11	.81	.97	1.00	49.4	14.5	5.81	.84	.99	1.00
	2150	1015	58.6	17.2	4.00	.80	.95	1.00	56.0	16.4	4.52	.82	.97	1.00	53.3	15.6	5.12	.84	.99	1.00	50.4	14.8	5.81	.87	1.00	1.00
67°F (19°C)	1750	825	59.8	17.5	4.00	.58	.73	.86	57.1	16.7	4.54	.59	.74	.88	54.1	15.9	5.14	.60	.76	.90	50.9	14.9	5.83	.61	.78	.93
	1950	920	60.7	17.8	4.02	.60	.75	.90	57.9	17.0	4.54	.61	.77	.92	54.9	16.1	5.14	.62	.79	.94	51.6	15.1	5.84	.64	.82	.97
	2150	1015	61.5	18.0	4.02	.62	.78	.93	58.6	17.2	4.55	.63	.80	.95	55.5	16.3	5.15	.64	.82	.97	52.2	15.3	5.84	.66	.85	.99
71°F (22°C)	1750	825	63.7	18.7	4.04	.43	.57	.70	60.7	17.8	4.57	.43	.57	.72	57.5	16.9	5.17	.44	.59	.74	54.1	15.9	5.87	.44	.60	.76
	1950	920	64.5	18.9	4.04	.44	.58	.73	61.4	18.0	4.58	.44	.60	.75	58.2	17.1	5.18	.45	.61	.77	54.7	16.0	5.88	.45	.63	.80
	2150	1015	65.2	19.1	4.05	.44	.60	.76	62.1	18.2	4.58	.45	.62	.78	58.8	17.2	5.19	.45	.63	.80	55.2	16.2	5.88	.46	.65	.83

HPXB15-060 - CVP10-51/EC10Q4 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	69.4	20.3	4.45	55.1	16.1	4.02	40.7	11.9	3.60	27.1	7.9	3.00	13.2	3.9	2.13
2000	945	70.8	20.7	4.74	56.5	16.6	4.31	42.1	12.3	3.88	28.5	8.4	3.28	14.6	4.3	2.41
2200	1040	71.1	20.8	4.63	56.8	16.6	4.20	42.4	12.4	3.78	28.8	8.4	3.18	14.9	4.4	2.31

HPXB15-060 - CVP10-65/EC10Q4 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	69.4	20.3	4.73	56.4	16.5	4.54	43.3	12.7	4.38	30.3	8.9	3.85	15.6	4.6	2.95
2000	945	68.8	20.2	4.17	55.8	16.4	3.98	42.7	12.5	3.82	29.7	8.7	3.29	15.0	4.4	2.39
2200	1040	70.0	20.5	4.49	57.0	16.7	4.30	43.9	12.9	4.14	30.9	9.1	3.61	16.2	4.7	2.71

HPXB15-060 - CVP10-51/EC10Q4 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.74	70.8	20.7
60	16	4.63	67.3	19.7
55	13	4.51	63.8	18.7
50	10	4.40	60.2	17.6
47	8	4.33	58.1	17.0
45	7	4.31	56.5	16.6
40	4	4.24	52.6	15.4
35	2	4.17	48.6	14.2
30	-1	4.03	45.4	13.3
25	-4	3.88	42.1	12.3
20	-7	3.74	38.9	11.4
17	-8	3.66	36.9	10.8
15	-9	3.61	35.5	10.4
10	-12	3.50	32.0	9.4
5	-15	3.28	28.5	8.4
0	-18	3.07	25.0	7.3
-5	-21	2.85	21.5	6.3
-10	-23	2.63	18.0	5.3
-15	-26	2.41	14.6	4.3
-20	-29	2.20	11.1	3.3

HPXB15-060 - CVP10-65/EC10Q4 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.17	68.8	20.2
60	16	4.11	65.6	19.2
55	13	4.05	62.3	18.3
50	10	3.99	59.1	17.3
47	8	3.96	57.2	16.8
45	7	3.98	55.8	16.4
40	4	4.03	52.2	15.3
35	2	4.08	48.7	14.3
30	-1	3.95	45.7	13.4
25	-4	3.82	42.7	12.5
20	-7	3.68	39.7	11.6
17	-8	3.60	37.9	11.1
15	-9	3.58	36.6	10.7
10	-12	3.52	33.4	9.8
5	-15	3.29	29.7	8.7
0	-18	3.06	26.0	7.6
-5	-21	2.84	22.4	6.6
-10	-23	2.61	18.7	5.5
-15	-26	2.39	15.0	4.4
-20	-29	2.16	11.4	3.3

RATINGS

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

HPXB15-060 — C33-62D - CX34-62D - C26-65EAP COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	57.1	16.7	3.98	.74	.88	1.00	54.4	15.9	4.50	.75	.90	1.00	51.5	15.1	5.10	.77	.93	1.00	48.4	14.2	5.79	.79	.96	1.00
	1950	920	58.1	17.0	3.99	.76	.92	1.00	55.4	16.2	4.51	.78	.94	1.00	52.5	15.4	5.11	.80	.96	1.00	49.4	14.5	5.80	.83	.99	1.00
	2150	1015	59.1	17.3	4.00	.79	.95	1.00	56.3	16.5	4.52	.81	.97	1.00	53.4	15.6	5.12	.83	.99	1.00	50.4	14.8	5.81	.86	1.00	1.00
67°F (19°C)	1750	825	60.5	17.7	4.01	.57	.71	.85	57.6	16.9	4.53	.58	.73	.87	54.4	15.9	5.13	.59	.75	.90	51.0	14.9	5.83	.61	.77	.93
	1950	920	61.4	18.0	4.01	.59	.74	.89	58.4	17.1	4.54	.60	.76	.91	55.2	16.2	5.15	.61	.78	.94	51.7	15.2	5.84	.63	.81	.97
	2150	1015	62.2	18.2	4.02	.60	.77	.92	59.1	17.3	4.55	.62	.79	.94	55.8	16.4	5.16	.63	.81	.97	52.2	15.3	5.84	.65	.84	.99
71°F (22°C)	1750	825	64.4	18.9	4.04	.43	.56	.69	61.2	17.9	4.57	.43	.57	.70	57.9	17.0	5.17	.43	.58	.72	54.2	15.9	5.88	.44	.60	.75
	1950	920	65.3	19.1	4.05	.43	.57	.72	62.0	18.2	4.58	.44	.59	.73	58.5	17.1	5.19	.44	.60	.76	54.8	16.1	5.88	.45	.62	.79
	2150	1015	66.0	19.3	4.06	.44	.59	.74	62.7	18.4	4.59	.44	.60	.77	59.2	17.3	5.19	.45	.62	.79	55.3	16.2	5.89	.46	.64	.82

HPXB15-060 — CR26-60 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	53.0	15.5	3.94	.71	.86	.99	50.5	14.8	4.46	.72	.89	1.00	47.8	14.0	5.05	.74	.92	1.00	44.9	13.2	5.73	.77	.95	1.00
	1950	920	53.9	15.8	3.95	.73	.90	1.00	51.4	15.1	4.46	.75	.93	1.00	48.7	14.3	5.05	.77	.95	1.00	45.7	13.4	5.74	.80	.98	1.00
	2150	1015	54.7	16.0	3.95	.76	.94	1.00	52.2	15.3	4.47	.78	.96	1.00	49.5	14.5	5.06	.81	.98	1.00	46.6	13.7	5.74	.84	1.00	1.00
67°F (19°C)	1750	825	56.1	16.4	3.97	.55	.68	.83	53.4	15.6	4.49	.56	.70	.85	50.5	14.8	5.08	.57	.72	.88	47.3	13.9	5.76	.58	.74	.92
	1950	920	56.9	16.7	3.97	.56	.71	.87	54.1	15.9	4.49	.57	.73	.89	51.1	15.0	5.08	.59	.75	.93	47.9	14.0	5.77	.60	.78	.96
	2150	1015	57.5	16.9	3.98	.58	.74	.91	54.7	16.0	4.50	.59	.76	.93	51.7	15.2	5.09	.60	.78	.96	48.3	14.2	5.78	.62	.82	.99
71°F (22°C)	1750	825	59.7	17.5	4.00	.41	.53	.66	56.8	16.6	4.52	.41	.54	.68	53.7	15.7	5.11	.42	.56	.70	50.2	14.7	5.80	.42	.57	.72
	1950	920	60.5	17.7	4.00	.41	.55	.69	57.5	16.9	4.53	.42	.56	.71	54.3	15.9	5.12	.42	.57	.73	50.8	14.9	5.81	.43	.59	.76
	2150	1015	61.1	17.9	4.01	.42	.57	.71	58.1	17.0	4.53	.42	.58	.73	54.8	16.1	5.13	.43	.59	.76	51.2	15.0	5.83	.44	.61	.80

HPXB15-060 - C33-62D - CX34-62D - C26-65EAP HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	69.2	20.3	4.68	56.5	16.6	4.49	43.7	12.8	4.34	30.9	9.1	3.82	15.9	4.7	2.91
2000	945	68.5	20.1	4.15	55.8	16.4	3.96	43.0	12.6	3.81	30.2	8.9	3.29	15.2	4.5	2.38
2200	1040	69.8	20.5	4.43	57.1	16.7	4.25	44.3	13.0	4.09	31.5	9.2	3.57	16.5	4.8	2.67

HPXB15-060 - CR26-60 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	70.9	20.8	4.95	56.5	16.6	4.56	42.0	12.3	4.18	28.3	8.3	3.56	14.3	4.2	2.65
2000	945	71.2	20.9	4.81	56.8	16.6	4.42	42.3	12.4	4.04	28.6	8.4	3.42	14.6	4.3	2.51
2200	1040	61.5	18.0	4.71	47.1	13.8	4.32	32.6	9.6	3.94	18.9	5.5	3.32	4.9	1.4	2.41

HPXB15-060 - C33-62D - CX34-62D - C26-65EAP HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.15	68.5	20.1
60	16	4.09	65.3	19.1
55	13	4.03	62.2	18.2
50	10	3.98	59.1	17.3
47	8	3.94	57.2	16.8
45	7	3.96	55.8	16.4
40	4	4.02	52.4	15.4
35	2	4.07	48.9	14.3
30	-1	3.94	46.0	13.5
25	-4	3.81	43.0	12.6
20	-7	3.67	40.1	11.8
17	-8	3.60	38.4	11.3
15	-9	3.57	37.1	10.9
10	-12	3.51	34.0	10.0
5	-15	3.29	30.2	8.9
0	-18	3.06	26.5	7.8
-5	-21	2.84	22.7	6.7
-10	-23	2.61	19.0	5.6
-15	-26	2.38	15.2	4.5
-20	-29	2.16	11.5	3.4

HPXB15-060 - CR26-60 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.81	71.2	20.9
60	16	4.70	67.7	19.8
55	13	4.60	64.1	18.8
50	10	4.49	60.5	17.7
47	8	4.43	58.4	17.1
45	7	4.42	56.8	16.6
40	4	4.38	52.8	15.5
35	2	4.34	48.8	14.3
30	-1	4.19	45.6	13.4
25	-4	4.04	42.3	12.4
20	-7	3.89	39.0	11.4
17	-8	3.80	37.1	10.9
15	-9	3.76	35.7	10.5
10	-12	3.65	32.1	9.4
5	-15	3.42	28.6	8.4
0	-18	3.20	25.1	7.4
-5	-21	2.97	21.6	6.3
-10	-23	2.74	18.1	5.3
-15	-26	2.51	14.6	4.3
-20	-29	2.28	11.1	3.3

RATINGS

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

HPXB15-060 — CH33-62D-2F - CH23-68 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1750	825	55.4	16.2	3.95	.71	.87	1.00	52.8	15.5	4.48	.72	.89	1.00	49.9	14.6	5.07	.75	.93	1.00	46.8	13.7	5.76	.77	.96	1.00
	1950	920	56.4	16.5	3.97	.74	.91	1.00	53.7	15.7	4.49	.76	.94	1.00	50.9	14.9	5.08	.78	.97	1.00	47.9	14.0	5.77	.81	.99	1.00
	2150	1015	57.4	16.8	3.97	.77	.95	1.00	54.7	16.0	4.50	.79	.98	1.00	51.9	15.2	5.09	.82	1.00	1.00	49.0	14.4	5.78	.85	1.00	1.00
67°F (19°C)	1750	825	58.7	17.2	3.99	.55	.69	.83	55.8	16.4	4.51	.56	.70	.86	52.7	15.4	5.11	.57	.72	.89	49.4	14.5	5.79	.59	.75	.93
	1950	920	59.6	17.5	4.00	.57	.71	.88	56.6	16.6	4.52	.58	.73	.91	53.4	15.6	5.11	.59	.76	.94	50.0	14.7	5.80	.61	.79	.97
	2150	1015	60.3	17.7	4.01	.58	.74	.92	57.3	16.8	4.53	.60	.77	.95	54.0	15.8	5.12	.61	.80	.98	50.5	14.8	5.81	.63	.83	1.00
71°F (22°C)	1750	825	62.5	18.3	4.02	.41	.54	.66	59.3	17.4	4.55	.41	.55	.68	56.0	16.4	5.15	.42	.56	.70	52.4	15.4	5.84	.42	.57	.72
	1950	920	63.3	18.6	4.04	.42	.55	.69	60.0	17.6	4.56	.42	.57	.71	56.6	16.6	5.16	.42	.58	.73	53.0	15.5	5.85	.43	.60	.77
	2150	1015	63.9	18.7	4.04	.42	.57	.72	60.7	17.8	4.57	.43	.59	.74	57.2	16.8	5.16	.43	.60	.77	53.5	15.7	5.86	.44	.62	.81

HPXB15-060 - CH33-62D-2F - CH23-68 HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil														
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	71.1	20.8	4.70	56.6	16.6	4.32	42.1	12.3	3.96	28.3	8.3	3.38	14.3	4.2	2.51
2000	945	71.4	20.9	4.57	56.9	16.7	4.19	42.4	12.4	3.83	28.6	8.4	3.25	14.6	4.3	2.38
2200	1040	71.6	21.0	4.47	57.1	16.7	4.09	42.6	12.5	3.73	28.8	8.4	3.14	14.8	4.3	2.28

HPXB15-060 - CH33-62D-2F - CH23-68 HEATING PERFORMANCE at 2000 cfm (944 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.57	71.4	20.9
60	16	4.47	67.8	19.9
55	13	4.37	64.3	18.8
50	10	4.27	60.7	17.8
47	8	4.21	58.5	17.1
45	7	4.19	56.9	16.7
40	4	4.15	52.9	15.5
35	2	4.12	48.9	14.3
30	-1	3.97	45.6	13.4
25	-4	3.83	42.4	12.4
20	-7	3.69	39.1	11.5
17	-8	3.61	37.1	10.9
15	-9	3.57	35.7	10.5
10	-12	3.47	32.1	9.4
5	-15	3.25	28.6	8.4
0	-18	3.03	25.1	7.4
-5	-21	2.82	21.6	6.3
-10	-23	2.60	18.1	5.3
-15	-26	2.38	14.6	4.3
-20	-29	2.16	11.1	3.3