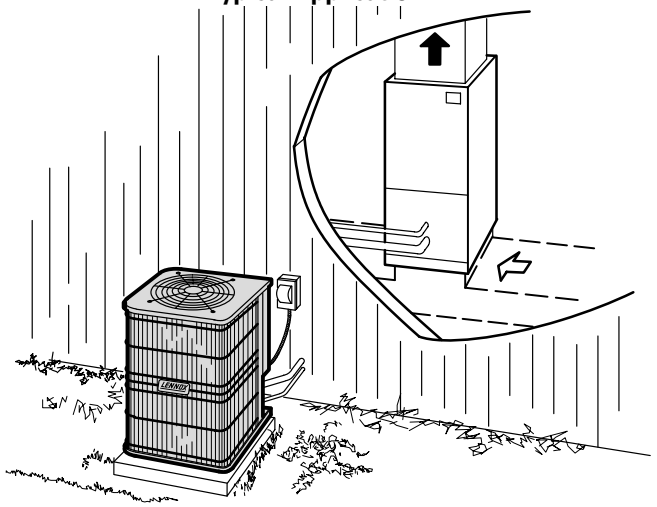
HP23 SERIES OUTDOOR UNITS

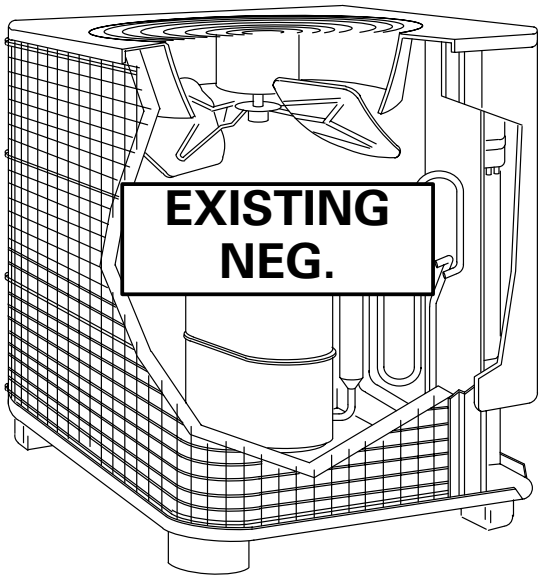
6.2 to 17.1 kW (21 100 to 58 200 Btuh) Cooling Capacity
5.5 to 15.5 kW (18 900 to 53 000 Btuh) Heating Capacity

HP23

Bulletin #490061
October 1994
Supersedes July 1994

Typical Application





Application — HP23 series heat pump outdoor units are designed for use with remotely located indoor blower coil units. Outdoor units may be installed on a slab at grade level or on a rooftop. A variety of matching up-flo, down-flo or horizontal indoor blower coil units, with optional supplemental electric heat provide selective sizing and installation versatility. For complete data on indoor blower coil units, see tab section, Coils — Blower Coil Units. HP23 units are test operated at the factory to insure proper operation and are shipped ready for installation. Installer has only to locate unit and make refrigerant line and electrical connections to complete the installation.

Completely Tested — Heat pump outdoor units have been tested in the Lennox Research Laboratory Environmental Test Rooms which meet American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) Standard 37 requirements. The rating test conditions are those included in Air-Conditioning and Refrigeration Institute (ARI) Standard 210/240-89 while operating at rated voltages and air volumes. In addition, units have been sound rated in the Lennox reverberant sound test room in accordance with test conditions for Air-Conditioning and Refrigeration Institute (ARI) Standard 270-84. Heat pump outdoor units and components within are bonded for grounding to meet safety standards for servicing required by Underwriter's Laboratories (U.L.) and the International Electrotechnical Commission (IEC).

Compressor — Compressor is hermetically sealed and provides trouble-free operation and long service life. Built-in protection devices assure protection from excessive current and temperatures. Refrigerant cooled and overload protected. All models are furnished with a crankcase heater as standard equipment to ensure proper compressor lubrication at all times. Heater is temperature actuated to operate only when required. The compressor components are spring mounted within the sealed housing. In addition, the compressor is installed in the unit on resilient rubber mounts for quiet and vibration free operation. Muffler, factory installed in discharge line, reduces operating sound levels.

Cabinet and Base Section — Heavy gauge galvanized steel cabinet and base section are subjected to a five stage metal wash process prior to a finish coat application of baked-on outdoor enamel. Attractive enamel finish provides the cabinet and base section with long lasting protection from rust and corrosion. Drainage holes are provided in the base section for moisture removal. High density polyethylene base supports raise the unit off of the mounting surface away from damaging moisture.

Accessible Control Box — Conveniently located for easy access. All controls are pre-wired at the factory.

Copper Tube/Enhanced Fin Outdoor Coil — Lennox designed and fabricated coil is constructed of precisely spaced ripple-edged aluminum fins machine fitted to seamless copper tubes. Four-sided wrap-around coil configuration provides extra large surface area with low air resistance. Lanced fins provide maximum exposure of the fin surface to air stream resulting in excellent heat transfer. Fins are equipped with collars that grip the tubing for maximum contact area. Precise circuiting provides uniform refrigerant distribution for high efficiency. Flared shoulder tubing connections and silver soldering result in tight, leakproof joints. Long-life copper tubing is corrosion-resistant and easy to field service. Coil is factory tested under high pressure to insure leakproof construction. Entire coil is accessible for cleaning. Corrosion-resistant polyvinyl chloride (PVC) coated steel wire coil guard is furnished as standard.

Outdoor Coil Fan — Efficient direct drive fan moves large air volumes uniformly through the entire outdoor coil resulting in high refrigerant capacity. Vertical discharge of air minimizes operating sounds and eliminates hot air damage to lawn and shrubs. Fan motor is inherently protected and totally enclosed for maximum protection from weather, dust and corrosion. Rain shield on motor provides additional protection from moisture. Fan service access is provided by removal of fan guard. Corrosion-resistant polyvinyl chloride (PVC) coated steel wire fan guard is furnished as standard.

Start Controls — Factory installed start capacitor and potential relay provides assistance for compressor start under loaded conditions, low voltage or low ambient conditions.

Expansion Valve — Designed and sized specifically for use in heat pump system. Sensing bulb is located on the suction line between the reversing valve and compressor to sense suction temperature in any cycle. Factory installed and piped.

Defrost Control — Solid-state time/temperature defrost control is furnished as standard equipment. Control initiates a defrost cycle every 30, 60 or 90 minutes of compressor "on" time at outdoor temperatures below 2°C (35° F) (factory setting 60 minutes). Maximum defrost cycle is 14 minutes. Defrost thermostat mounted on the liquid line determines when a defrost cycle is required and when to terminate a cycle.

NOTE — Due to Lennox' ongoing committent to quality,
Specifications, Ratings and Dimensions subject to change without notice.

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FEATURES

Suction Line Accumulator — Factory installed and piped accumulator is furnished on HP23-513 and -653 models only. Accumulator prevents large amounts of liquid refrigerant from entering the compressor eliminating damage on start-ups and refrigerant cycle changes.

Reversing Valve — Factory installed 4-way reversing valve provides a rapid change in refrigerant flow direction resulting in quick change-over from cooling to heating and vice-versa. Valve operates on pressure differential between outdoor unit and indoor unit.

Refrigerant Line Connections, Electrical Inlets and Service Valves — Liquid and vapor line connections are located outside the unit cabinet and are made with sweat connections. Fully serviceable brass service valves prevent corrosion and provide easy access to refrigerant system. Liquid and vapor valves can be fully shut off, and the liquid valve can be backseated to manage refrigerant charge while servicing the system. Field installed thermometer well is furnished for installation in the liquid line. Valves and gauge ports are accessible outside the unit cabinet. See dimension drawing. In addition, a high capacity drier with internal check valve and strainer are furnished and factory installed in the liquid line.

OPTIONAL ACCESSORIES (Must Be Ordered Extra)

Low Ambient Control Kit (Optional for Expansion Valve Systems Only) — Units will operate satisfactorily in the cooling mode down to 7°C (45°F) outdoor air temperature without any additional controls. For cases where operation of the unit is required at low ambients, a Low Ambient Control Kit LB-57113BM **(27J00)** can be added in the field, enabling the unit to operate properly down to minus 1°C (30°F).

Timed-Off Control (Optional) — Timed off control LB-61378A **(47J35)** Prevents compressor short-cycling and also 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. (Standard on HP23-653).

Thermostat (Optional) — Thermostat is not furnished with the unit and must be ordered extra. See Lennox Price Book.

Refrigerant Line Kits (Optional) — Lines are available in several lengths. See Refrigerant Line Kit table. Lines (vapor and liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at the factory. Vapor line is fully insulated. Lines are furnished with a flare fitting (indoor unit connection) at one end and stubbed (no fitting) at the opposite end for connection to outdoor unit. Kits are not available for the HP23-653 models and lines must be furnished by the installer. Refrigerant line length should not exceed 15 m (50 ft.) in any installation.

SPECIFICATIONS

Model Number			HP23-261	HP23-413	HP23-513	HP23-653
Outdoor Coil	Net face area — m^2 ($ft.^2$)	Outer coil	1.17 (12.6)	1.37 (14.7)	1.86 (20.0)	1.86 (20.0)
		Inner coil	- - - -	- - - -	- - - -	1.43 (15.4)
	Tube outside diameter — mm (in.)		9.5 (3/8)	9.5 (3/8)	9.5 (3/8)	9.5 (3/8)
	Number of rows		1	1	1	1.77
	Fins per m (inch)		787 (20)	787 (20)	787 (20)	787 (20)
Outdoor Coil Fan	Diameter — mm (in.)		508 (20)	508 (20)	610 (24)	610 (24)
	Number of blades		3	3	4	4
	Motor output — W (hp)		75 (1/10)	124 (1/6)	187 (1/4)	187 (1/4)
	Air volume — L/s (cfm)		980 (2080)	1060 (2250)	1550 (3290)	1550 (3290)
	Rev/Min		700	700	700	700
	Motor input — W		175	165	280	300
†Refrigerant charge furnished — kg (oz.) HCFC-22			2.78 (98)	3.31 (117)	4.25 (150)	5.81 (205)
Liquid line connection – outside diameter – mm (in.) sweat			*9.5 (3/8)	9.5 (3/8)	9.5 (3/8)	9.5 (3/8)
Vapor line connection – outside diameter – mm (in.) sweat			15.8 (5/8)	19 (3/4)	22.2 (7/8)	28.5 (1-1/8)
Shipping weight — kg (lbs.) 1 package			70 (154)	83 (182)	108 (238)	123 (271)

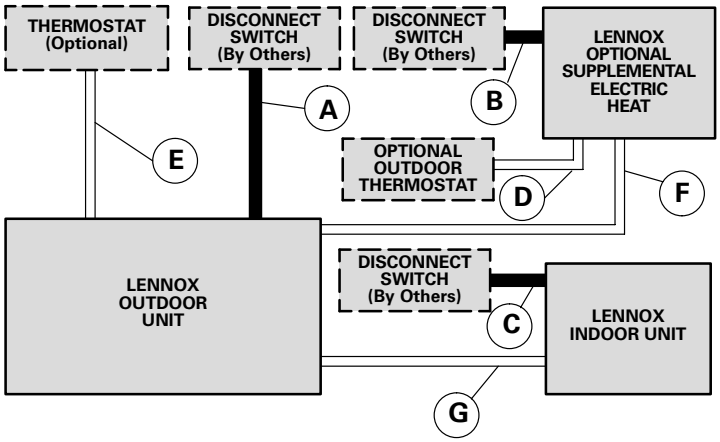
†Refrigerant charge sufficient for 6.1 m (20 feet) of connecting refrigerant lines.
*Furnished with 9.5 mm x 8 mm (3/8 inch x 5/16 inch) reducer adaptor for refrigerant line connections.

ELECTRICAL DATA

Model Number		HP23-261	HP23-413	HP23-513	HP23-653
Line voltage and phase (50hz)		220/240V 1 phase	380/420V 3 phase with neutral	†380/420V 3 phase	†380/420V 3 phase
Voltage range (minimum — maximum)		198 — 264V	342 — 462V	342 — 462V	342 — 462V
Compressor	Rated load amps	8.9	5.1	8.4	9.7
	Locked rotor amps	52.0	33.0	68.0	73.0
Condenser Coil Fan Motor (1 phase)	Full load amps	.80	.60	1.1	1.1
	Locked rotor amps	2.6	2.1	2.3	2.3

NOTE — Refer to local electrical codes to determine wire, fuse and disconnect size requirements.
†Neutral required with optional Transformer Kit **(16F34)**.
*Motor is 220/240 volt and is connected from phase to neutral.

FIELD WIRING



A — Single Or Three Phase With Neutral (see Electrical Data)

B — Single Phase (size to heater capacity)

C — Single Phase (size to indoor coil blower motor)

D — Two Wire 24 Volt — 18 ga. minimum

E — Eight Wire 24 Volt — 18 ga. minimum — with Electric Heat

— Ten Wire 24 Volt with Optional Outdoor Thermostat

F — Four Wire 24 Volt — 18 ga. minimum

G — Three Wire 24 Volt — 18 ga. minimum

— Field Wiring Not Furnished —

All wiring must conform to local electrical codes.

RATINGS

Outdoor Unit Model Number (*Sound Rating Number –bels)	●Cooling and Heating Ratings													Lennox Indoor Unit	**Check and Expansion Kit Required
	Cooling Capacity		High Temperature Heating Capacity		Low Temperature Heating Capacity		Cooling			High Temperature Heating		Low Temperature Heating			
	kW	Btuh	kW	Btuh	kW	Btuh	†Total Power Input kW	Coefficient of Performance (Out/Input)	Energy Efficiency Ratio (Btuh/Watt)	†Total Power Input kW	Coefficient of Performance (Out/Input)	†Total Power Input kW	Coefficient of Performance (Out/Input)		
HP23-261 (7.6)	6.2	21 100	5.5	18 900	2.8	9400	2.23	2.8	9.5	1.93	2.9	1.65	1.7	CR18-31	LB-85759F **(56J19)**
	6.4	22 000	5.8	19 900	3.0	10 400	2.25	2.9	9.8	1.94	3.0	1.64	1.9	C26-26(W)(FC)	★Factory Installed
	6.5	22 200	6.0	20 500	3.2	11 000	2.28	2.9	9.7	1.98	3.0	1.68	1.9	CB18/CBS18-26	LB-34792BE **(25G86)**
	6.7	23 000	5.9	20 200	2.9	10 000	2.27	3.0	10.2	1.94	3.1	1.67	1.8	C26-31(W)FC) CH22-31	★Factory Installed
HP23-413 (7.8)	9.4	32 100	7.8	26 700	4.5	15 200	3.31	2.8	9.7	2.73	2.9	2.20	2.0	CR18-41	LB-85759F **(56J19)**
	9.7	33 000	8.0	27 400	4.6	15 600	3.34	2.9	9.9	2.75	2.9	2.76	1.7	CR18-51	
	9.7	33 100	9.3	31 900	5.3	18 100	3.43	2.8	9.6	2.80	3.3	2.29	2.3	CB18/CBS18-41	LB-34792BG **(44G34)**
	9.9	33 900	8.9	30 200	5.0	17 200	3.26	3.0	10.4	2.67	3.3	2.14	2.4	C26-41(FC) CH22-41	★Factory Installed
	10.2	34 800	8.5	28 900	4.8	16 500	3.40	3.0	10.2	2.80	3.0	2.79	1.7	C26-46(FC)	
HP23-513 (8.0)	12.2	41 500	11.0	37 600	6.2	21 300	4.23	2.9	9.8	3.47	3.2	2.76	2.3	CR18-51	LB-85758G **(56J20)**
	12.7	43 500	11.6	39 500	6.5	22 300	4.29	3.0	10.1	3.52	3.3	2.79	2.3	CR18-65	
	12.9	44 100	12.3	42 100	6.9	23 700	4.28	3.0	10.3	3.65	3.4	2.90	2.4	CH22-51	★Factory Installed
	13.1	44 600	13.0	44 300	7.4	25 100	4.46	2.9	10.0	3.70	3.5	3.00	2.5	CB18/CBS18-51	LB-34792BF **(25G87)**
	13.3	45 400	12.1	41 200	6.8	23 300	4.34	3.1	10.5	3.55	3.4	2.82	2.4	C26-51(FC)	★Factory Installed
	13.5	46 200	12.1	41 400	6.9	23 400	4.36	3.1	10.6	3.74	3.2	2.95	2.3	C26-65(FC)EAP CH22-65	
HP23-653 (8.2)	15.9	54 300	14.9	50 900	9.0	30 600	5.29	3.0	10.3	4.62	3.2	3.65	2.5	CR18-65	LB-85758G **(56J20)**
	16.4	55 800	14.5	49 500	8.7	29 800	5.34	3.1	10.5	4.58	3.2	3.62	2.4	C26-65(FC)	★Factory Installed
	16.4	56 100	15.5	53 000	9.3	31 800	5.42	3.0	10.4	4.71	3.3	3.77	2.5	CB18/CBS18-65	LB-34792BK **(23J38)**
	17.1	58 200	15.0	51 200	9.0	30 700	5.40	3.2	10.8	4.75	3.2	3.75	2.4	C26-65(FC)EAP CH22-65	★Factory Installed

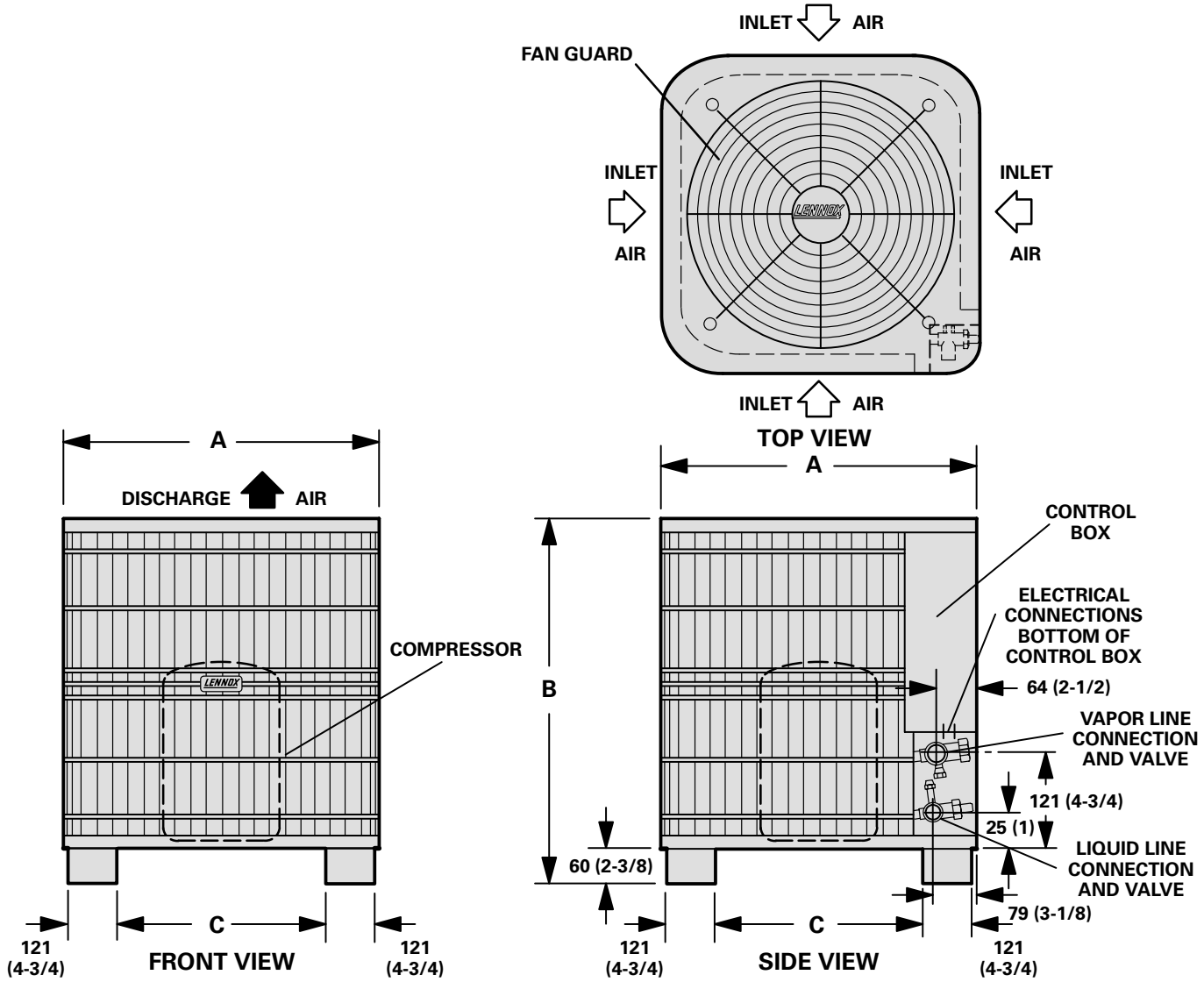
*Sound rating number rated at test conditions for Air-Conditioning and Refrigeration Institute (ARI) Standard 270.

●The rating test conditions are those included in Air-Conditioning and Refrigeration Institute (ARI) Standard 210/240-89 while operating at rated voltage and air volumes;
Cooling Ratings — 35°C (95°F) outdoor air temperature, 26.7°C (80°F) dry bulb and 19.4°C (67°F) wet bulb entering indoor coil air.
High Temperature Heating Ratings — 8.3°C (47°F) dry bulb, 6.1°C (43°F) wet bulb outdoor air temperature and 21.1°C (70°F) entering indoor coil air.
Low Temperature Heating Ratings — minus 8.3°C (17°F) dry bulb, minus 9.4°C (15°F) wet bulb outdoor air temperature and 21.1°C (70°F) entering indoor coil air.

**Must be ordered extra unless shown as field installed.

★Furnished as standard with coil.

DIMENSIONS — mm (inches)



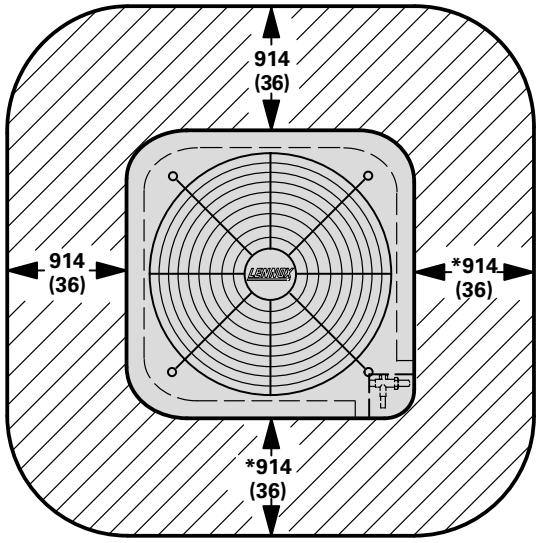
Model Number	A		B		C	
	mm	inch	mm	inch	mm	inch
HP23-261	670	26-3/8	670	26-3/8	429	16-7/8
HP23-411-413	670	26-3/8	772	30-3/8	429	16-7/8
HP23-513, HP23-653	795	31-5/16	873	34-3/8	538	21-3/16

REFRIGERANT LINE KITS

Outdoor Unit Model Number	Line Set Model Number	Length of Lines		Liquid Line Outside Diameter		Vapor Line Outside Diameter	
		m	ft.	mm	in.	mm	in.
**HP23-261	L10-21-20	6	20	**8	**5/16	15.8	5/8
	L10-21-25	8	25	**8	**5/16	15.8	5/8
	L10-21-35	11	35	**8	**5/16	15.8	5/8
	L10-21-50	15	50				
HP23-413	L10-41-20	6	20	9.5	3/8	19	3/4
	L10-41-30	9	30	9.5	3/8	19	3/4
	L10-41-40	12	40	9.5	3/8	19	3/4
	L10-41-50	15	50				
HP23-513	L10-65-30	9	30	9.5	3/8	22.2	7/8
	L10-65-40	12	40	9.5	3/8	22.2	7/8
	L10-65-50	15	50	9.5	3/8	22.2	7/8
HP23-653	*Not available			9.5	3/8	28.5	1-1/8

*Field fabricate.
**HP23-261 unit will accept 9.5 mm (3/8 in.) liquid lines. Adaptors furnished with outdoor units will allow use with 8 mm (5/16 in.) liquid line.
NOTE — Refrigerant line must not exceed 15 m (150 feet) in any installation.

INSTALLATION CLEARANCES — mm (inches)



NOTE—1219 mm (48 in.) clearance required on top of unit.
***NOTE—One side must be 914 mm (36 in.) for service.**
Two of the remaining three sides may be 305 mm (12 in.).

COOLING AND HEATING RATINGS — 50hz

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

HP23-261 COOLING CAPACITY — CR18-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	285	600	5.9	20 000	1.54	.73	.86	.98	5.6	19 000	1.65	.74	.89	.99	5.2	17 900	1.75	.76	.91	1.00	4.9	16 700	1.86	.79	.94	1.00
	355	750	6.1	20 900	1.56	.77	.93	1.00	5.8	19 800	1.67	.79	.95	1.00	5.5	18 700	1.78	.82	.97	1.00	5.2	17 600	1.90	.85	1.00	1.00
	425	900	6.3	21 600	1.58	.82	.98	1.00	6.0	20 500	1.69	.85	.99	1.00	5.7	19 400	1.81	.87	1.00	1.00	5.4	18 400	1.94	.90	1.00	1.00
19.4°C (67°F)	285	600	6.3	21 600	1.57	.57	.70	.83	6.0	20 400	1.69	.58	.71	.85	5.6	19 200	1.80	.59	.73	.87	5.3	18 000	1.92	.60	.76	.90
	355	750	6.5	22 300	1.59	.59	.75	.89	6.2	21 100	1.71	.61	.77	.92	5.8	19 900	1.83	.62	.79	.94	5.5	18 600	1.95	.64	.82	.97
	425	900	6.7	22 900	1.60	.62	.80	.95	6.3	21 600	1.72	.64	.82	.97	5.9	20 300	1.84	.65	.85	.99	5.6	19 000	1.97	.67	.88	1.00
21.7°C (71°F)	285	600	6.8	23 200	1.61	.43	.55	.67	6.4	22 000	1.73	.43	.56	.68	6.1	20 700	1.86	.43	.57	.70	5.7	19 400	1.99	.44	.58	.73
	355	750	7.0	24 000	1.62	.43	.58	.72	6.7	22 700	1.75	.44	.59	.74	6.3	21 400	1.88	.44	.60	.76	5.9	20 000	2.01	.45	.62	.79
	425	900	7.2	24 500	1.63	.45	.61	.77	6.8	23 200	1.76	.45	.62	.80	6.4	21 800	1.89	.46	.64	.82	6.0	20 400	2.03	.47	.66	.85

HP23-261 HEATING CAPACITY — CR18-31

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil															
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
305	650	7.2	24 500	1600	5.0	17 200	1425	3.2	10 800	1240	1.8	6300	1015	0.8	2700	770
375	800	7.5	25 500	1570	5.3	18 200	1395	3.5	11 800	1210	2.1	7300	985	1.1	3700	740
450	950	7.6	25 900	1540	5.5	18 600	1365	3.6	12 200	1180	2.3	7700	955	1.2	4100	7107

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-261 COOLING CAPACITY — C26-26(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	385	600	6.2	21 000	1.56	.74	.88	.99	5.8	19 900	1.67	.76	.90	1.00	5.5	18 700	1.79	.78	.93	1.00	5.1	17 500	1.90	.80	.96	1.00
	355	750	6.4	21 900	1.58	.79	.95	1.00	6.1	20 700	1.70	.82	.97	1.00	5.7	19 600	1.82	.84	.99	1.00	5.4	18 500	1.95	.87	1.00	1.00
	425	900	6.7	22 700	1.60	.85	.99	1.00	6.3	21 600	1.72	.87	1.00	1.00	6.0	20 500	1.85	.90	1.00	1.00	5.7	19 400	1.98	.93	1.00	1.00
19.4°C (67°F)	285	600	6.6	22 500	1.59	.57	.71	.84	6.2	21 300	1.71	.58	.73	.87	5.9	20 000	1.83	.60	.75	.89	5.5	18 700	1.96	.61	.77	.92
	355	750	6.8	23 300	1.61	.61	.77	.92	6.4	22 000	1.73	.62	.79	.94	6.1	20 700	1.86	.64	.82	.97	5.7	19 400	1.98	.65	.84	.99
	425	900	7.0	23 900	1.62	.64	.82	.97	6.6	22 500	1.74	.66	.85	.99	6.2	21 200	1.87	.67	.88	1.00	5.8	19 800	2.00	.70	.91	1.00
21.7°C (71°F)	285	600	7.1	24 200	1.62	.43	.56	.68	6.7	22 900	1.75	.43	.57	.70	6.3	21 600	1.88	.44	.58	.72	5.9	20 200	2.02	.44	.59	.75
	355	750	7.3	24 900	1.63	.44	.59	.74	6.9	23 600	1.77	.44	.60	.76	6.5	22 200	1.90	.45	.62	.79	6.1	20 800	2.04	.46	.64	.82
	425	900	7.5	25 500	1.64	.45	.63	.80	7.1	24 100	1.78	.46	.64	.82	6.6	22 600	1.92	.47	.66	.85	6.2	21 200	2.06	.48	.69	.88

HP23-261 HEATING CAPACITY — C26-26(W)(FC)

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil															
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.3	25 000	1680	5.1	17 500	1460	3.2	11 000	1255	1.8	6100	1025	0.6	2100	780
355	750	7.9	27100	1640	5.7	19 600	1420	3.8	13 100	1215	2.4	8200	985	1.2	4200	740
425	900	8.1	27 500	1610	5.9	20 000	1390	4.0	13 500	1185	2.5	8600	955	1.3	4600	710

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-261 COOLING CAPACITY — CB18-26 — CBS18-26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	305	650	6.2	21 300	1.57	.75	.90	1.00	5.9	20 100	1.68	.77	.92	1.00	5.5	18 900	1.80	.80	.95	1.00	5.2	17 800	1.91	.82	.98	1.00
	375	800	6.5	22 100	1.59	.81	.96	1.00	6.2	21 000	1.70	.83	.98	1.00	5.8	19 800	1.83	.86	1.00	1.00	5.5	18 700	1.96	.89	1.00	1.00
	450	950	6.7	23 000	1.60	.86	1.00	1.00	6.4	21 900	1.73	.88	1.00	1.00	6.1	20 700	1.86	.91	1.00	1.00	5.7	19 600	1.99	.94	1.00	1.00
19.4°C (67°F)	305	650	6.7	22 800	1.60	.58	.73	.86	6.3	21 500	1.72	.59	.74	.89	5.9	20 200	1.84	.61	.77	.92	5.5	18 900	1.97	.62	.79	.95
	375	800	6.9	23 500	1.61	.61	.78	.93	6.5	22 200	1.74	.63	.80	.96	6.1	20 900	1.86	.64	.83	.98	5.7	19 500	1.99	.66	.86	1.00
	450	950	7.0	24 000	1.62	.65	.84	.98	6.7	22 700	1.75	.66	.86	1.00	6.2	21 300	1.88	.68	.89	1.00	5.9	20 000	2.01	.71	.92	1.00
21.7°C (71°F)	305	650	7.2	24 400	1.63	.43	.56	.70	6.8	23 100	1.76	.43	.58	.72	6.4	21 800	1.89	.44	.59	.74	6.0	20 400	2.03	.44	.61	.77
	375	800	7.4	25 200	1.64	.44	.60	.76	7.0	23 800	1.77	.45	.61	.78	6.6	22 400	1.91	.45	.63	.80	6.1	20 900	2.05	.46	.65	.83
	450	950	7.5	25 600	1.64	.46	.64	.81	7.1	24 200	1.78	.46	.65	.84	6.7	22 800	1.92	.47	.67	.87	6.2	21 300	2.07	.48	.70	.90

HP23-261 HEATING CAPACITY — CB18-26 — CBS18-26

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
305	650	8.3	28 200	1710	6.0	20 600	1490	4.1	13 900	1280	2.5	8700	1050	1.3	4300	795
375	800	8.4	28 500	1680	6.1	20 900	1460	4.2	14 200	1250	2.6	9000	1020	1.3	4600	765
450	950	8.5	28 900	1660	6.2	21 300	1440	4.3	14 600	1230	2.8	9400	1000	1.5	5000	745

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-261 COOLING CAPACITY — C26-31(W)(FC) — CH22-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	285	600	6.4	21 900	1.58	.73	.87	.99	6.1	20 700	1.69	.75	.90	1.00	5.7	19 400	1.81	.77	.93	1.00	5.3	18 200	1.93	.80	.96	1.00
	355	750	6.7	22 900	1.60	.79	.94	1.00	6.3	21 600	1.72	.81	.97	1.00	6.0	20 400	1.84	.84	.99	1.00	5.6	19 200	1.98	.87	1.00	1.00
	425	900	6.9	23 700	1.62	.84	1.00	1.00	6.6	22 500	1.74	.87	1.00	1.00	6.3	21 400	1.88	.90	1.00	1.00	5.9	20 200	2.02	.93	1.00	1.00
19.4°C (67°F)	285	600	6.9	23 500	1.61	.57	.71	.84	6.5	22 200	1.74	.58	.72	.86	6.1	20 900	1.86	.59	.74	.89	5.7	19 500	1.99	.61	.77	.92
	355	750	7.2	24 400	1.63	.60	.76	.91	6.7	23 000	1.75	.62	.78	.94	6.3	21 600	1.89	.63	.81	.97	5.9	20 200	2.02	.65	.84	.99
	425	900	7.3	25 000	1.64	.64	.82	.97	6.9	23 600	1.77	.65	.84	.99	6.5	22 100	1.90	.67	.87	1.00	6.1	20 700	2.04	.69	.91	1.00
21.7°C (71°F)	285	600	7.4	25 300	1.64	.43	.55	.68	7.0	23 900	1.78	.43	.56	.69	6.6	22 500	1.91	.43	.57	.71	6.2	21 100	2.06	.44	.59	.74
	355	750	7.6	26 100	1.65	.44	.59	.74	7.2	24 700	1.79	.44	.60	.76	6.8	23 200	1.93	.45	.62	.78	6.4	21 700	2.08	.46	.64	.81
	425	900	7.8	26 700	1.66	.45	.62	.79	7.4	25 200	1.80	.46	.64	.82	6.9	23 700	1.95	.47	.66	.85	6.5	22 100	2.10	.47	.68	.88

HP23-261 HEATING CAPACITY — C26-31(W)(FC) — CH22-31

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.8	26 700	1640	5.5	18 800	1455	3.4	11 700	1270	2.0	6800	1040	0.8	2900	790
355	750	8.1	27 800	1610	5.8	19 900	1425	3.8	12 800	1240	2.3	7900	1010	1.2	4000	760
425	900	8.3	28 200	1580	5.9	20 300	1395	3.9	13 200	1210	2.4	8300	980	1.3	4400	730

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-413 COOLING CAPACITY — CR18-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	375	800	8.9	30 400	2.28	.71	.84	.95	8.5	28 900	2.46	.72	.86	.97	8.0	27 200	2.64	.74	.88	.99	7.5	25 500	2.82	.76	.91	1.00
	470	1000	9.3	31 800	2.31	.75	.90	1.00	8.8	30 100	2.51	.77	.92	1.00	8.3	28 400	2.69	.80	.95	1.00	7.8	26 600	2.88	.82	.98	1.00
	565	1200	9.6	32 900	2.34	.80	.95	1.00	9.1	31 200	2.54	.82	.97	1.00	8.6	29 500	2.74	.85	.99	1.00	8.1	27 800	2.94	.88	1.00	1.00
19.4°C (67°F)	375	800	9.6	32 700	2.34	.56	.68	.80	9.1	31 000	2.53	.57	.70	.82	8.6	29 200	2.73	.57	.71	.85	8.0	27 300	2.91	.59	.73	.88
	470	1000	9.9	33 900	2.37	.58	.73	.87	9.4	32 100	2.57	.59	.75	.89	8.9	30 200	2.77	.61	.77	.92	8.3	28 200	2.96	.62	.80	.95
	565	1200	10.2	34 800	2.39	.61	.78	.92	9.6	32 900	2.60	.62	.80	.95	9.1	30 900	2.80	.64	.82	.97	8.5	28 900	2.99	.66	.85	.99
21.7°C (71°F)	375	800	10.3	35 100	2.40	.42	.54	.65	9.8	33 300	2.61	.42	.55	.67	9.2	31 400	2.82	.43	.56	.69	8.6	29 400	3.02	.43	.57	.71
	470	1000	10.7	36 400	2.43	.43	.57	.70	10.1	34 400	2.64	.43	.58	.72	9.5	32 400	2.86	.44	.59	.74	8.9	30 300	3.06	.45	.61	.77
	565	1200	10.9	37 200	2.45	.44	.60	.75	10.3	35 200	2.67	.45	.61	.77	9.7	33 100	2.88	.45	.63	.80	9.1	30 900	3.09	.46	.65	.83

HP23-413 HEATING CAPACITY — CR18-41

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	9.6	32 900	2400	7.4	25 200	2005	5.1	17 300	1655	3.2	11 000	1330	1.6	5300	1010
565	1200	9.8	33 600	2350	7.6	25 900	1955	5.3	18 000	1605	3.4	11 700	1280	1.8	6000	960
660	1400	10.1	34 300	2310	7.8	26 600	1915	5.5	18 700	1565	3.6	12 400	1240	2.0	6700	920

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-413 COOLING CAPACITY — CR18-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	375	800	9.1	31 100	2.30	.70	.83	.94	8.6	29 500	2.48	.71	.85	.97	8.1	27 800	2.67	.73	.87	.99	7.6	26 000	2.84	.75	.90	1.00
	470	1000	9.5	32 500	2.33	.74	.89	1.00	9.0	30 800	2.53	.76	.91	1.00	8.5	29 000	2.72	.78	.94	1.00	7.9	27 100	2.90	.81	.97	1.00
	565	1200	9.8	33 600	2.36	.79	.94	1.00	9.3	31 900	2.56	.81	.96	1.00	8.8	30 000	2.76	.83	.99	1.00	8.3	28 200	2.96	.86	1.00	1.00
19.4°C (67°F)	375	800	9.8	33 600	2.36	.55	.67	.79	9.3	31 800	2.56	.56	.69	.81	8.8	29 900	2.76	.57	.70	.83	8.2	28 000	2.95	.58	.72	.86
	470	1000	10.2	34 900	2.39	.58	.72	.85	9.7	33 000	2.60	.59	.73	.88	9.1	31 000	2.80	.60	.76	.90	8.5	28 900	3.00	.61	.78	.94
	565	1200	10.5	35 800	2.42	.60	.76	.91	9.9	33 800	2.63	.61	.78	.93	9.3	31 800	2.83	.63	.81	.96	8.7	29 600	3.03	.65	.84	.99
21.7°C (71°F)	375	800	10.6	36 100	2.42	.42	.53	.64	10.0	34 200	2.64	.42	.54	.66	9.4	32 200	2.85	.43	.55	.67	8.8	30 100	3.05	.43	.56	.70
	470	1000	11.0	37 400	2.46	.43	.56	.69	10.4	35 400	2.68	.43	.57	.71	9.8	33 300	2.89	.44	.58	.73	9.1	31 100	3.10	.44	.60	.76
	565	1200	11.3	38 400	2.48	.44	.59	.73	10.6	36 300	2.70	.44	.60	.76	10.0	34 000	2.92	.45	.62	.78	9.3	31 700	3.14	.46	.64	.81

HP23-413 HEATING CAPACITY — CR18-51

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	9.3	31 700	2360	6.9	23 700	1965	4.6	15 700	1615	2.7	9300	1285	1.0	3400	965
565	1200	10.1	34 500	2370	7.8	26 500	1975	5.4	18 500	1625	3.5	12 100	1295	1.8	6200	975
660	1400	9.7	33 100	2280	7.4	25 100	1885	5.0	17 100	1535	3.1	10 700	1205	1.4	4800	885

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-413 COOLING CAPACITY — CB18-41 — CBS18-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	470	1000	9.4	32 000	2.32	.75	.90	1.00	8.9	30 300	2.51	.77	.92	1.00	8.4	28 600	2.70	.80	.95	1.00	7.9	26 800	2.89	.82	.98	1.00
	565	1200	9.7	33 100	2.35	.80	.95	1.00	9.2	31 400	2.55	.82	.97	1.00	8.7	29 600	2.74	.85	.99	1.00	8.2	27 900	2.95	.88	1.00	1.00
	660	1400	10.0	34 100	2.37	.84	.99	1.00	9.5	32 400	2.58	.87	1.00	1.00	9.0	30 700	2.79	.90	1.00	1.00	8.5	29 000	3.00	.93	1.00	1.00
19.4°C (67°F)	470	1000	10.0	34 100	2.37	.58	.73	.87	9.5	32 300	2.58	.59	.75	.89	8.9	30 400	2.77	.61	.77	.92	8.3	28 400	2.97	.62	.80	.95
	565	1200	10.3	35 000	2.40	.61	.78	.92	9.7	33 100	2.60	.62	.80	.95	9.1	31 100	2.81	.64	.82	.97	8.5	29 100	3.00	.66	.85	.99
	660	1400	10.5	35 700	2.41	.64	.82	.97	9.9	33 700	2.62	.65	.85	.99	9.3	31 700	2.83	.67	.87	1.00	8.7	29 600	3.03	.70	.91	1.00
21.7°C (71°F)	470	1000	10.7	36 600	2.43	.43	.57	.70	10.1	34 600	2.65	.43	.58	.72	9.6	32 600	2.86	.44	.59	.74	8.9	30 400	3.07	.45	.61	.77
	565	1200	11.0	37 500	2.46	.44	.60	.75	10.4	35 400	2.68	.45	.61	.77	9.8	33 300	2.89	.45	.63	.80	9.1	31 100	3.10	.46	.65	.83
	660	1400	11.2	38 100	2.47	.45	.63	.80	10.6	36 000	2.69	.46	.64	.82	9.9	33 800	2.91	.47	.66	.85	9.2	31 500	3.12	.48	.69	.89

HP23-413 HEATING CAPACITY — CB18-41 — CBS18-41

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	10.5	35 900	2520	8.0	27 400	2100	5.6	19 000	1730	3.6	12 200	1390	1.8	6000	1055
565	1200	10.6	36 300	2480	8.1	27 800	2060	5.7	19 400	1690	3.7	12 600	1350	1.9	6400	1015
660	1400	10.8	36 700	2450	8.3	28 200	2030	5.8	19 800	1660	3.8	13 000	1320	2.0	6800	985

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-413 COOLING CAPACITY — C26-41(FC) — CH22-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	375	800	9.4	32 200	2.32	.71	.84	.96	8.9	30 500	2.52	.72	.86	.98	8.4	28 700	2.70	.74	.89	1.00	7.9	26 800	2.89	.76	.92	1.00
	470	1000	9.8	33 600	2.36	.76	.90	1.00	9.3	31 800	2.56	.78	.93	1.00	8.8	29 900	2.76	.80	.95	1.00	8.2	28 000	2.95	.83	.98	1.00
	565	1200	10.2	34 800	2.39	.80	.96	1.00	9.6	32 900	2.60	.83	.98	1.00	9.1	31 000	2.80	.85	1.00	1.00	8.6	29 300	3.01	.88	1.00	1.00
19.4°C (67°F)	375	800	10.1	34 600	2.39	.56	.68	.80	9.6	32 700	2.59	.57	.70	.82	9.0	30 800	2.79	.58	.71	.85	8.4	28 700	2.99	.59	.74	.88
	470	1000	10.5	35 900	2.42	.58	.73	.87	9.9	33 900	2.63	.60	.75	.89	9.3	31 800	2.83	.61	.77	.92	8.7	29 700	3.03	.63	.80	.95
	565	1200	10.8	36 800	2.44	.61	.78	.93	10.2	34 700	2.66	.63	.80	.95	9.6	32 600	2.86	.64	.83	.98	8.9	30 400	3.07	.66	.86	1.00
21.7°C (71°F)	375	800	10.9	37 200	2.45	.42	.54	.65	10.3	35 200	2.67	.42	.55	.67	9.7	33 100	2.88	.43	.56	.69	9.1	30 900	3.09	.43	.57	.71
	470	1000	11.3	38 500	2.48	.43	.57	.70	10.7	36 400	2.70	.44	.58	.72	10.0	34 100	2.92	.44	.59	.75	9.3	31 800	3.14	.45	.61	.77
	565	1200	11.5	39 400	2.50	.44	.60	.75	10.9	37 200	2.73	.45	.61	.78	10.2	34 800	2.95	.45	.63	.80	9.5	32 400	3.17	.46	.65	.84

HP23-413 HEATING CAPACITY — C26-41(FC) — CH22-41

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
375	800	10.3	35 100	2390	7.9	26 900	1995	5.5	18 700	1645	3.5	12 100	1320	1.8	6100	1000
470	1000	10.3	35 300	2360	7.9	27 100	1965	5.5	18 900	1615	3.6	12 300	1290	1.8	6300	970
565	1200	10.7	36 500	2290	8.3	28 300	1895	5.9	20 100	1545	4.0	13 500	1220	2.2	7500	900

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-413 COOLING CAPACITY — C26-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	375	800	9.7	33 000	2.35	.71	.84	.96	9.1	31 200	2.54	.72	.86	.98	8.6	29 300	2.73	.74	.89	1.00	8.0	27 400	2.92	.76	.92	1.00
	470	1000	10.1	34 500	2.38	.76	.90	1.00	9.6	32 600	2.59	.78	.93	1.00	9.0	30 600	2.79	.80	.96	1.00	8.4	28 700	2.98	.83	.99	1.00
	565	1200	10.5	35 700	2.41	.81	.96	1.00	9.9	33 800	2.62	.83	.99	1.00	9.4	31 900	2.84	.86	1.00	1.00	8.8	30 000	3.05	.89	1.00	1.00
19.4°C (67°F)	375	800	10.4	35 500	2.41	.56	.68	.80	9.8	33 500	2.62	.57	.70	.82	9.2	31 500	2.82	.58	.71	.85	8.6	29 400	3.02	.59	.74	.88
	470	1000	10.8	36 900	2.44	.59	.73	.87	10.2	34 800	2.66	.60	.75	.90	9.6	32 600	2.87	.61	.77	.93	8.9	30 400	3.07	.63	.80	.96
	565	1200	11.1	37 900	2.47	.61	.78	.93	10.5	35 700	2.68	.63	.81	.96	9.8	33 400	2.90	.65	.83	.99	9.1	31 100	3.11	.67	.87	1.00
21.7°C (71°F)	375	800	11.2	38 100	2.47	.42	.54	.65	10.6	36 000	2.70	.42	.55	.67	9.9	33 900	2.91	.43	.56	.69	9.3	31 600	3.13	.43	.57	.71
	470	1000	11.6	39 500	2.51	.43	.57	.70	10.9	37 300	2.73	.44	.58	.72	10.3	35 000	2.96	.44	.60	.75	9.6	32 600	3.18	.45	.61	.78
	565	1200	11.9	40 500	2.53	.44	.60	.76	11.2	38 200	2.76	.45	.62	.78	10.5	35 700	2.99	.46	.63	.81	9.7	33 200	3.21	.46	.66	.84

HP23-413 HEATING CAPACITY — C26-46(FC)

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	9.5	32 300	2380	7.0	23 900	1970	4.5	15 500	1605	2.5	8700	1270	0.7	2400	945
565	1200	10.7	36 400	2430	8.2	28 000	2020	5.7	19 600	1655	3.8	12 800	1320	1.9	6500	995
660	1400	9.9	33 700	2300	7.4	25 300	1890	5.0	16 900	1525	3.0	10 100	1190	1.1	3800	865

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-513 COOLING CAPACITY — CR18-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	520	1100	11.5	39 400	2.98	.70	.83	.94	11.0	37 700	3.22	.71	.84	.96	10.5	35 900	3.46	.72	.86	.98	10.0	34 200	3.70	.74	.88	.99
	615	1300	11.9	40 700	3.01	.73	.87	.98	11.4	38 900	3.25	.74	.89	.99	10.9	37 100	3.50	.76	.91	1.00	10.3	35 200	3.75	.78	.93	1.00
	705	1500	12.2	41 700	3.03	.76	.91	1.00	11.7	39 800	3.28	.78	.93	1.00	11.1	38 000	3.54	.80	.95	1.00	10.6	36 200	3.79	.82	.97	1.00
19.4°C (67°F)	520	1100	12.4	42 300	3.05	.55	.67	.79	11.8	40 400	3.30	.56	.68	.81	11.3	38 600	3.56	.57	.70	.83	10.8	36 700	3.81	.57	.71	.85
	615	1300	12.7	43 500	3.07	.57	.70	.84	12.2	41 500	3.33	.58	.72	.85	11.6	39 600	3.59	.59	.73	.88	11.0	37 600	3.86	.60	.75	.90
	705	1500	13.0	44 400	3.09	.59	.74	.88	12.4	42 400	3.36	.60	.75	.90	11.8	40 400	3.62	.61	.77	.92	11.2	38 300	3.89	.62	.79	.94
21.7°C (71°F)	520	1100	13.3	45 300	3.11	.42	.53	.65	12.7	43 300	3.38	.42	.54	.66	12.1	41 400	3.66	.43	.55	.67	11.5	39 400	3.93	.43	.56	.68
	615	1300	13.6	46 500	3.14	.43	.55	.68	13.0	44 500	3.41	.43	.56	.69	12.4	42 400	3.69	.43	.57	.71	11.8	40 300	3.97	.44	.58	.72
	705	1500	13.9	47 400	3.16	.43	.57	.71	13.3	45 300	3.44	.44	.58	.73	12.7	43 200	3.72	.44	.59	.74	12.0	41 100	4.01	.44	.60	.77

HP23-513 HEATING CAPACITY — CR18-51

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	14.0	47 700	3080	10.5	35 800	2570	7.2	24 700	2095	4.7	15 900	1670	2.3	7800	1265
755	1600	14.2	48 300	3030	10.7	36 400	2520	7.4	25 300	2045	4.8	16 500	1620	2.5	8400	1215
850	1800	14.3	48 900	3080	10.8	37 000	2570	7.6	25 900	2095	5.0	17 100	1670	2.3	9000	1265

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-513 COOLING CAPACITY — CR18-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	520	1100	12.1	41 300	3.03	.70	.83	.95	11.6	39 500	3.27	.72	.85	.97	11.0	37 600	3.52	.73	.87	.98	10.5	35 800	3.77	.75	.89	1.00
	615	1300	12.5	42 700	3.06	.74	.88	.99	12.0	40 800	3.31	.75	.90	1.00	11.4	38 900	3.56	.77	.92	1.00	10.8	36 900	3.82	.79	.94	1.00
	705	1500	12.8	43 800	3.08	.77	.92	1.00	12.3	41 800	3.34	.79	.94	1.00	11.7	39 900	3.60	.81	.96	1.00	11.1	37 900	3.87	.83	.98	1.00
19.4°C (67°F)	520	1100	13.0	44 300	3.09	.56	.68	.80	12.4	42 400	3.35	.56	.69	.81	11.8	40 300	3.62	.57	.70	.83	11.2	38 300	3.89	.58	.72	.85
	615	1300	13.4	45 600	3.12	.57	.71	.84	12.7	43 500	3.39	.58	.72	.86	12.1	41 400	3.66	.59	.74	.88	11.5	39 300	3.93	.60	.76	.91
	705	1500	13.7	46 600	3.14	.59	.75	.89	13.0	44 400	3.41	.60	.76	.91	12.4	42 200	3.69	.61	.78	.93	11.8	40 100	3.96	.63	.80	.95
21.7°C (71°F)	520	1100	13.9	47 500	3.16	.42	.54	.65	13.3	45 400	3.44	.42	.54	.66	12.7	43 300	3.72	.43	.55	.67	12.1	41 200	4.01	.43	.56	.69
	615	1300	14.3	48 800	3.19	.43	.56	.68	13.7	46 600	3.47	.43	.56	.70	13.0	44 400	3.76	.43	.57	.72	12.4	42 200	4.05	.44	.59	.73
	705	1500	14.6	49 700	3.21	.43	.58	.72	13.9	47 500	3.50	.44	.59	.74	13.2	45 200	3.79	.44	.60	.76	12.6	43 000	4.09	.45	.61	.78

HP23-513 HEATING CAPACITY — CR18-65

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	14.7	50 000	3000	11.0	37 500	2450	7.6	25 800	1975	4.8	16 500	1555	2.4	8100	1140
755	1600	14.9	50 700	3100	11.2	38 200	2550	7.8	26 500	2075	5.0	17 200	1655	2.6	8800	1240
850	1800	15.0	51 200	2940	11.3	38 700	2390	7.9	27 000	1915	5.2	17 700	1495	2.7	9300	1080

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-513 COOLING CAPACITY — CH22-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	520	1100	12.3	42 000	3.04	.71	.84	.96	11.8	40 100	3.29	.72	.86	.97	11.2	38 300	3.54	.74	.88	.99	10.6	36 300	3.80	.75	.90	1.00
	615	1300	12.7	43 300	3.07	.74	.89	.99	12.1	41 400	3.33	.76	.91	1.00	11.5	39 400	3.59	.78	.93	1.00	11.0	37 500	3.85	.80	.95	1.00
	705	1500	13.0	44 500	3.10	.78	.93	1.00	12.5	42 500	3.36	.80	.95	1.00	11.9	40 500	3.62	.82	.97	1.00	11.3	38 500	3.90	.84	.99	1.00
19.4°C (67°F)	520	1100	13.2	45 000	3.11	.56	.68	.80	12.6	42 900	3.37	.56	.69	.82	12.0	40 900	3.64	.57	.71	.84	11.4	38 800	3.91	.58	.73	.86
	615	1300	13.5	46 200	3.13	.58	.72	.85	12.9	44 100	3.40	.59	.73	.87	12.3	42 000	3.68	.60	.75	.89	11.7	39 800	3.95	.61	.77	.92
	705	1500	13.8	47 100	3.16	.60	.75	.90	13.2	45 000	3.43	.61	.77	.92	12.5	42 800	3.71	.62	.79	.94	11.9	40 600	3.99	.63	.81	.96
21.7°C (71°F)	520	1100	14.1	48 200	3.18	.42	.54	.66	13.5	46 000	3.46	.43	.55	.67	12.9	43 900	3.75	.43	.55	.68	12.2	41 700	4.03	.43	.56	.70
	615	1300	14.5	49 400	3.21	.43	.56	.69	13.8	47 200	3.49	.43	.57	.71	13.2	45 000	3.78	.44	.58	.72	12.5	42 700	4.08	.44	.59	.74
	705	1500	14.7	50 300	3.23	.44	.58	.73	14.1	48 100	3.52	.44	.59	.75	13.4	45 800	3.81	.44	.61	.77	12.7	43 400	4.11	.45	.62	.79

HP23-513 HEATING CAPACITY — CH22-51

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
520	1100	15.4	52 400	3200	11.5	39 300	2700	7.9	27 000	2210	5.0	17 200	1765	2.5	8400	1340
615	1300	15.6	53 200	3140	11.8	40 100	2640	8.1	27 800	2150	5.3	18 000	1705	2.7	9200	1280
705	1500	15.8	53 800	3100	11.9	40 700	2600	8.3	28 400	2110	5.5	18 600	1665	2.9	9800	1240

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-513 COOLING CAPACITY — CB18-51 — CBS18-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	660	1400	12.6	43 100	3.06	.76	.90	1.00	12.1	41 200	3.32	.77	.92	1.00	11.5	39 300	3.58	.79	.95	1.00	10.9	37 300	3.84	.81	.97	1.00
	755	1600	13.0	44 200	3.09	.79	.94	1.00	12.4	42 200	3.35	.81	.96	1.00	11.8	40 300	3.62	.83	.98	1.00	11.3	38 400	3.89	.85	1.00	1.00
	850	1800	13.2	45 100	3.11	.83	.98	1.00	12.7	43 200	3.38	.85	.99	1.00	12.1	41 300	3.66	.87	1.00	1.00	11.6	39 500	3.94	.89	1.00	1.00
19.4°C (67°F)	660	1400	13.5	45 900	3.13	.59	.73	.87	12.8	43 800	3.40	.59	.75	.89	12.2	41 700	3.67	.61	.77	.91	11.6	39 500	3.94	.62	.79	.94
	755	1600	13.7	46 700	3.15	.61	.77	.91	13.1	44 600	3.42	.62	.79	.94	12.4	42 400	3.69	.63	.81	.96	11.8	40 200	3.97	.64	.83	.98
	850	1800	13.9	47 400	3.16	.63	.80	.95	13.2	45 200	3.44	.64	.82	.97	12.6	43 100	3.72	.65	.84	.99	12.0	40 800	4.00	.67	.87	1.00
21.7°C (71°F)	660	1400	14.4	49 000	3.20	.43	.57	.71	13.7	46 900	3.48	.44	.58	.72	13.1	44 600	3.77	.44	.59	.74	12.4	42 400	4.06	.44	.60	.76
	755	1600	14.6	49 900	3.22	.44	.59	.74	14.0	47 600	3.50	.44	.60	.76	13.3	45 300	3.80	.45	.62	.78	12.6	43 000	4.09	.45	.63	.80
	850	1800	14.8	50 500	3.23	.45	.61	.78	14.1	48 200	3.52	.45	.63	.80	13.5	45 900	3.82	.46	.64	.82	12.8	43 600	4.11	.46	.66	.84

HP23-513 HEATING CAPACITY — CB18-51 — CBS18-51

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil															
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	15.6	53 300	3260	11.8	40 200	2770	8.1	27 700	2285	5.2	17 700	1835	2.5	8600	1395
755	1600	15.9	54 200	3200	12.0	41 100	2710	8.4	28 600	2225	5.5	18 600	1775	2.8	9500	1335
850	1800	16.1	54 900	3160	12.3	41 800	2670	8.6	29 300	2185	5.7	19 300	1735	3.0	10 200	1295

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-513 COOLING CAPACITY — C26-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	520	1100	12.7	43 200	3.07	.71	.84	.96	12.1	41 200	3.32	.72	.86	.97	11.5	39 300	3.58	.73	.87	.99	10.9	37 200	3.84	.75	.90	1.00
	615	1300	13.1	44 700	3.10	.74	.89	1.00	12.5	42 600	3.36	.76	.91	1.00	11.9	40 500	3.63	.78	.93	1.00	11.3	38 500	3.89	.80	.95	1.00
	705	1500	13.4	45 800	3.13	.78	.93	1.00	12.8	43 700	3.39	.80	.95	1.00	12.2	41 700	3.67	.82	.97	1.00	11.6	39 600	3.94	.84	.99	1.00
19.4°C (67°F)	520	1100	13.6	46 300	3.14	.56	.68	.80	13.0	44 200	3.41	.56	.69	.82	12.3	42 000	3.68	.57	.71	.84	11.7	39 900	3.96	.58	.72	.86
	615	1300	14.0	47 600	3.17	.58	.72	.85	13.3	45 400	3.44	.59	.73	.87	12.7	43 200	3.72	.60	.75	.89	12.0	41 000	4.00	.61	.77	.92
	705	1500	14.2	48 600	3.19	.60	.75	.90	13.6	46 400	3.47	.61	.77	.92	12.9	44 100	3.75	.62	.79	.94	12.3	41 800	4.04	.63	.81	.97
21.7°C (71°F)	520	1100	14.5	49 600	3.21	.42	.54	.65	13.9	47 400	3.50	.42	.54	.66	13.2	45 200	3.79	.43	.55	.68	12.6	42 900	4.09	.43	.56	.70
	615	1300	14.9	50 900	3.24	.43	.56	.69	14.2	48 600	3.53	.43	.57	.71	13.6	46 300	3.83	.44	.58	.72	12.9	43 900	4.13	.44	.59	.74
	705	1500	15.2	52 000	3.26	.44	.58	.73	14.5	49 600	3.56	.44	.59	.75	13.8	47 200	3.86	.45	.61	.77	13.1	44 700	4.16	.45	.62	.79

HP23-513 HEATING CAPACITY — C26-51(FC)

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil															
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	15.3	52 200	3000	11.5	39 200	2470	7.9	27 000	1985	5.1	17 300	1540	2.5	8500	1125
755	1600	15.5	52 900	3130	11.7	39 900	2600	8.1	27 700	2115	5.3	18 000	1670	2.7	9200	1255
850	1800	15.7	53 500	3000	11.9	40 500	2470	8.3	28 300	1985	5.5	18 600	1540	2.9	9800	1125

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-513 COOLING CAPACITY — C26-65(FC)EAP — CH22-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	520	1100	12.8	43 800	3.08	.70	.83	.95	12.3	41 800	3.34	.72	.85	.97	11.7	39 800	3.60	.73	.87	.99	11.0	37 700	3.86	.75	.89	1.00
	615	1300	13.3	45 300	3.11	.74	.88	1.00	12.7	43 200	3.38	.75	.90	1.00	12.0	41 100	3.65	.77	.92	1.00	11.4	39 000	3.92	.79	.95	1.00
	705	1500	13.6	46 500	3.14	.77	.93	1.00	13.0	44 400	3.41	.79	.95	1.00	12.4	42 200	3.69	.81	.97	1.00	11.8	40 100	3.96	.83	.99	1.00
19.4°C (67°F)	520	1100	13.8	47 000	3.15	.56	.68	.80	13.2	44 900	3.43	.56	.69	.81	12.5	42 700	3.71	.57	.70	.83	11.9	40 500	3.98	.58	.72	.86
	615	1300	14.2	48 400	3.18	.57	.71	.85	13.5	46 200	3.46	.58	.73	.87	12.9	43 900	3.75	.59	.74	.89	12.2	41 600	4.03	.60	.76	.91
	705	1500	14.5	49 500	3.21	.59	.75	.89	13.8	47 200	3.49	.60	.77	.91	13.1	44 800	3.78	.62	.78	.94	12.5	42 500	4.07	.63	.81	.96
21.7°C (71°F)	520	1100	14.8	50 500	3.23	.42	.54	.65	14.1	48 200	3.52	.42	.54	.66	13.5	45 900	3.82	.43	.55	.67	12.8	43 600	4.12	.43	.56	.69
	615	1300	15.2	51 900	3.26	.43	.56	.68	14.5	49 500	3.56	.43	.57	.70	13.8	47 100	3.86	.43	.58	.72	13.1	44 700	4.16	.44	.59	.74
	705	1500	15.5	52 900	3.28	.44	.58	.72	14.8	50 500	3.58	.44	.59	.74	14.1	48 000	3.89	.44	.60	.76	13.3	45 500	4.20	.45	.62	.78

HP23-513 HEATING CAPACITY — C26-65(FC)EAP — CH22-65

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
520	1100	15.6	53 100	3200	11.7	39 900	2670	8.1	27 500	2175	5.2	17 600	1730	2.5	8700	1310
615	1300	15.8	53 800	3150	11.9	40 600	2620	8.3	28 200	2125	5.4	18 300	1680	2.8	9400	1260
705	1500	15.9	54 400	3100	12.1	41 200	2570	8.4	28 800	2075	5.5	18 900	1630	2.9	10 000	1210

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-653 COOLING CAPACITY — CR18-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	660	1400	15.2	51 800	3.79	.71	.84	.96	14.5	49 500	4.09	.72	.86	.97	13.8	47 200	4.39	.74	.88	.99	13.2	44 900	4.70	.75	.90	1.00
	780	1650	15.7	53 400	3.82	.74	.89	.99	14.9	51 000	4.13	.76	.91	1.00	14.2	48 600	4.45	.78	.93	1.00	13.6	46 300	4.76	.80	.95	1.00
	945	1900	16.0	54 700	3.86	.78	.93	1.00	15.3	52 300	4.17	.80	.95	1.00	14.6	49 900	4.49	.82	.97	1.00	14.0	47 600	4.82	.84	.99	1.00
19.4°C (67°F)	660	1400	16.2	55 400	3.87	.56	.69	.81	15.5	53 000	4.19	.57	.70	.83	14.8	50 500	4.51	.57	.71	.85	14.1	48 000	4.84	.58	.73	.87
	780	1650	16.6	56 800	3.91	.58	.72	.86	15.9	54 300	4.23	.59	.73	.88	15.2	51 700	4.56	.60	.75	.90	14.4	49 100	4.89	.61	.77	.92
	945	1900	17.0	57 900	3.93	.60	.75	.90	16.2	55 300	4.26	.61	.77	.92	15.4	52 700	4.60	.62	.79	.94	14.7	50 000	4.93	.63	.81	.96
21.7°C (71°F)	660	1400	17.4	59 300	3.96	.42	.54	.66	16.6	56 700	4.30	.43	.55	.67	15.9	54 100	4.65	.43	.56	.68	15.1	51 500	4.99	.43	.57	.70
	780	1650	17.8	60 700	4.00	.43	.56	.69	17.0	58 100	4.34	.43	.57	.71	16.2	55 400	4.69	.44	.58	.73	15.4	52 600	5.04	.44	.59	.74
	945	1900	18.1	61 800	4.02	.44	.58	.73	17.3	59 100	4.37	.44	.59	.75	16.5	56 300	4.73	.44	.61	.77	15.7	53 500	5.08	.45	.62	.79

HP23-653 HEATING CAPACITY — CR18-65

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
780	1650	18.6	63 300	4180	14.4	49 100	3535	10.4	35 400	2885	6.8	23 300	2295	3.4	11 700	1735
895	1900	18.7	63 700	4140	14.5	49 500	3495	10.5	35 800	2845	6.9	23 700	2255	3.5	12 100	1695
1015	2150	18.8	64 200	4100	14.7	50 000	3455	10.6	36 300	2805	7.1	24 200	2215	3.7	12 600	1655

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-653 COOLING CAPACITY — CB18-65 — CBS18-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	780	1600	15.9	54 300	3.85	.74	.89	.99	15.2	51 900	4.16	.76	.91	1.00	14.5	49 500	4.48	.78	.93	1.00	13.8	47 100	4.80	.80	.95	1.00
	895	1800	16.3	55 500	3.88	.77	.92	1.00	15.6	53 100	4.19	.79	.94	1.00	14.8	50 600	4.52	.81	.96	1.00	14.1	48 200	4.85	.83	.98	1.00
	945	2000	16.6	56 600	3.90	.80	.95	1.00	15.9	54 100	4.22	.82	.97	1.00	15.2	51 700	4.56	.84	.99	1.00	14.4	49 300	4.90	.86	1.00	1.00
19.4°C (67°F)	780	1600	16.9	57 800	3.93	.58	.72	.85	16.2	55 200	4.26	.59	.73	.87	15.4	52 600	4.59	.60	.75	.89	14.6	49 900	4.93	.61	.77	.92
	895	1800	17.2	58 800	3.95	.60	.75	.89	16.4	56 100	4.29	.60	.77	.91	15.7	53 500	4.62	.62	.78	.93	14.9	50 700	4.96	.63	.81	.95
	945	2000	17.5	59 600	3.97	.61	.78	.93	16.7	56 900	4.31	.62	.80	.95	15.9	54 200	4.65	.64	.82	.97	15.1	51 500	4.99	.65	.84	.98
21.7°C (71°F)	780	1600	18.1	61 800	4.02	.43	.56	.69	17.3	59 100	4.37	.43	.57	.71	16.5	56 300	4.72	.44	.58	.73	15.7	53 500	5.08	.44	.59	.74
	895	1800	18.4	62 700	4.04	.44	.58	.72	17.6	60 000	4.40	.44	.59	.74	16.7	57 100	4.75	.44	.60	.76	15.9	54 300	5.12	.45	.62	.78
	945	2000	18.6	63 500	4.06	.44	.60	.75	17.8	60 700	4.42	.45	.61	.77	16.9	57 800	4.78	.45	.62	.79	16.1	54 900	5.14	.46	.64	.82

HP23-653 HEATING CAPACITY — CB18-65 — CBS18-65

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil															
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
780	1650	19.5	66 600	4300	15.1	51 600	3665	10.9	37 100	3015	7.1	24 300	2410	3.6	12 200	1820
895	1900	19.7	67 100	4250	15.3	52 100	3615	11.0	37 600	2965	7.3	24 800	2360	3.7	12 700	1770
1015	2150	19.8	67 700	4210	15.4	52 700	3575	11.2	38 200	2925	7.4	25 400	2320	3.9	13 300	1730

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP23-653 COOLING CAPACITY — C26-65(FC)EAP — CH22-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)					
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	660	1400	16.2	55 400	3.88	.71	.84	.96	15.5	52 900	4.19	.72	.86	.98	14.8	50 400	4.51	.74	.88	.99	14.0	47 800	4.83	.76	.90	1.00
	780	1650	16.8	57 200	3.91	.75	.89	1.00	16.0	54 600	4.24	.76	.91	1.00	15.2	51 900	4.57	.78	.93	1.00	14.4	49 300	4.90	.80	.96	1.00
	895	1900	17.2	58 600	3.95	.78	.93	1.00	16.4	56 000	4.28	.80	.95	1.00	15.6	53 300	4.62	.82	.97	1.00	14.9	50 700	4.96	.84	.99	1.00
19.4°C (67°F)	660	1400	17.4	59 400	3.97	.56	.68	.81	16.6	56 700	4.30	.57	.70	.82	15.8	53 900	4.64	.57	.71	.84	15.0	51 200	4.98	.58	.73	.87
	780	1650	17.8	60 900	4.00	.58	.72	.86	17.1	58 200	4.34	.59	.74	.88	16.2	55 300	4.69	.60	.75	.90	15.4	52 400	5.04	.61	.77	.92
	895	1900	18.2	62 200	4.03	.60	.76	.90	17.4	59 300	4.38	.61	.77	.92	16.5	56 400	4.73	.62	.79	.95	15.7	53 500	5.08	.63	.82	.97
21.7°C (71°F)	660	1400	18.6	63 600	4.06	.42	.54	.66	17.8	60 800	4.42	.43	.55	.67	17.0	57 900	4.78	.43	.56	.68	16.1	55 000	5.15	.43	.57	.70
	780	1650	19.1	65 200	4.10	.43	.56	.69	18.3	62 300	4.46	.43	.57	.71	17.4	59 300	4.83	.44	.58	.73	16.5	56 300	5.20	.44	.59	.75
	895	1900	19.5	66 400	4.13	.44	.58	.73	18.6	63 400	4.49	.44	.59	.75	17.7	60 300	4.87	.45	.61	.77	16.8	57 200	5.24	.45	.62	.79

HP23-653 HEATING CAPACITY — C26-65(FC)EAP — CH22-65

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil															
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	19.3	66 000	4240	15.0	51 200	3585	10.8	36 900	2925	7.1	24 300	2330	3.6	12 200	1760
780	1650	19.5	66 400	4200	15.1	51 600	3545	10.9	37 300	2885	7.2	24 700	2290	3.7	12 000	1720
895	1900	19.6	67 000	4160	15.3	52 200	3505	11.1	37 900	2845	7.4	25 300	2250	3.9	13 200	1680

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

COOLING AND HEATING RATINGS — 50hz

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

HP23-653 COOLING CAPACITY — C26-65(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Temperature																					
			29°C (85°F)						35°C (95°F)						41°C (105°F)						46°C (115°F)			
			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F	kW	Btuh	kW	24°C 75°F	27°C 80°F	29°C 85°F
17.2°C (63°F)	660	1400	15.5	52 900	3.82	.70	.83	.95	14.8	50 500	4.12	.72	.85	.97	14.1	48 100	4.43	.73	.87	.98	13.4	45 700	4.74	.74	.89	1.00
	780	1650	16.0	54 600	3.85	.73	.88	.99	15.3	52 100	4.17	.75	.90	1.00	14.5	49 600	4.48	.77	.92	1.00	13.8	47 100	4.80	.78	.94	1.00
	895	1900	16.4	55 900	3.89	.77	.92	1.00	15.7	53 400	4.21	.78	.94	1.00	14.9	50 900	4.53	.80	.96	1.00	14.2	48 400	4.86	.82	.98	1.00
19.4°C (67°F)	660	1400	16.7	56 900	3.91	.56	.68	.80	15.9	54 300	4.23	.56	.69	.81	15.2	51 800	4.56	.57	.70	.83	14.4	49 200	4.89	.58	.72	.85
	780	1650	17.1	58 500	3.94	.57	.71	.84	16.4	55 800	4.28	.58	.72	.86	15.6	53 200	4.61	.59	.74	.88	14.8	50 400	4.95	.60	.76	.91
	895	1900	17.5	59 700	3.97	.59	.74	.88	16.7	57 000	4.31	.60	.76	.91	15.9	54 200	4.65	.61	.78	.93	15.1	51 400	4.99	.62	.80	.95
21.7°C (71°F)	660	1400	17.9	61 000	4.00	.42	.54	.65	17.1	58 400	4.35	.42	.54	.66	16.3	55 700	4.70	.43	.55	.67	15.5	52 900	5.06	.43	.56	.69
	780	1650	18.4	62 700	4.04	.43	.55	.68	17.6	59 900	4.39	.43	.56	.70	16.7	57 100	4.75	.43	.57	.71	15.9	54 200	5.11	.44	.58	.73
	895	1900	18.7	63 900	4.07	.43	.57	.71	17.9	61 100	4.43	.44	.58	.73	17.1	58 200	4.79	.44	.60	.75	16.2	55 200	5.16	.45	.61	.77

HP23-653 HEATING CAPACITY — C26-65(FC)

Indoor Coil Air Volume 21°C db (70°F db)		Air Temperature Entering Outdoor Coil											
		18°C (65°F)			7°C (45°F)			minus 4°C (25°F)			minus 15°C (5°F)			minus 28°C (minus 15°F)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
780	1650	18.1	61 600	4130	14.0	47 700	3495	10.1	34 400	2855	6.6	22 600	2265	3.3	11 400	1715
895	1900	18.2	62 000	4090	14.1	48 100	3455	10.2	34 800	2815	6.7	23 000	2225	3.5	11 800	1675
1015	2150	18.3	62 500	4050	14.2	48 600	3415	10.3	35 300	2775	6.9	23 500	2185	3.6	12 300	1635

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.