

**HS22 DIMENSION™ SERIES
CONDENSING UNITS**

11.00 to 13.50 SEER

***19,000 to 60,000 Btuh (5.6 to 17.6 kW) Cooling Capacity
1-1/2 thru 5 Tons (5.3 thru 17.6 kW) Nominal**

HS22

Bulletin #485018
November 1992
Supersedes
September 1990

*DOE and ARI Certified Ratings

FEATURES

Application — The HS22 series condensing units feature extra high efficiency with minimum operating sound levels. Units have seasonal energy efficiency ratings of up to 13.50 with cooling capacities of 19,000 to 60,000 Btuh (5.6 to 17.6 kW) and are applicable to expansion valve systems only. Units may be installed at ground level or on a roof. Units are adaptable to several blower powered and add-on evaporators providing a wide range of cooling capacities for selective sizing and application versatility. For evaporator unit data see tab Coils — Blower Coil Units in this section. Units are shipped completely factory assembled, piped and wired. In addition, each unit is test operated at the factory insuring proper operation. Installer has only to place condensing unit in desired location, connect refrigerant lines and make electrical connections to complete the job.

Approvals — Condensing units have been tested in the Lennox Research Laboratory environmental test room and rated in accordance with ARI Standard 210/240-89. In addition, units have been sound rated in the Lennox reverberant sound test room in accordance with ARI Standard 270-84. Condensing units and components within are bonded for grounding to meet safety standards for servicing required by U.L. and C.E.C. Units are also U.L. listed and C.S.A. certified.

Copeland® Compliant Scroll™ Compressor — High efficiency compressor features durability, steady uniform suction flow, constant discharge flow, high volumetric efficiency, quiet operation and the ability to start under any system load. Use of the scroll compressor eliminates the need for crankcase heater, start capacitor and start relay. The compliant scroll type compressor is a simple compression concept design consisting of two involute spiral scrolls matched together to generate a series of crescent-shaped gas pockets between them.

During compression, one scroll is stationary while the other is allowed to orbit, not rotate, around the fixed one. As this motion occurs, gas is drawn into the outer pocket sealing off the open passage. As the spiral movement continues, the pockets between the scrolls are slowly pushed to the center of the scrolls while simultaneously being reduced in volume. When the pocket reaches the center, the gas is now at high pressure and is forced out of a port located in the center of the fixed scroll. During compression, several pockets are being compressed simultaneously resulting in a smooth, nearly continuous compression cycle. Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency. The scroll compressor is tolerant to the effects of liquid slugging and contaminants. Should this occur, the scrolls separate and allow the liquid

or contaminants to be worked to the center and discharged. Low gas pulses during compression minimize operational sound level. Motor is internally protected from excessive current and temperature. Discharge temperature thermostat protects compressor from high discharge temperature. Compressor is installed in the unit on resilient rubber mounts, assuring vibration free operation.

Equipment Warranty — The compressor has a limited warranty for ten years in residential installations and 5 years in non-residential installations. All other components have a limited warranty for one year. Refer to Lennox Equipment Limited Warranty included with the unit for details.

(Continued)

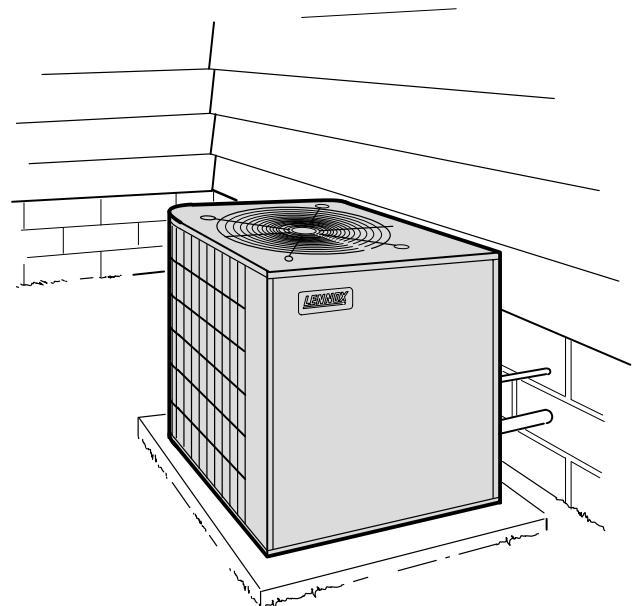


CERTIFICATION APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI



CERTIFICATION APPLIES ONLY
WHEN USED WITH PROPER
COMPONENTS AS LISTED
WITH ARI

Typical Application



FEATURES

Durable Steel Cabinet — Heavy gauge galvanized steel cabinet is subject to a five station metal wash process. This preparation results in a perfect bonding surface for the finish coat of baked-on outdoor enamel. The attractive enamel finish gives the cabinet long lasting protection from rust and corrosion. Compressor and control box are located in a separate compartment insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum. Control box is conveniently located with all controls factory wired. Large removable panel provides service access. Drainage holes are provided in the base section for moisture removal. High density polyethylene base channels raise the unit off of the mounting surface away from damaging moisture. Non-corrosive PVC (polyvinyl chloride) coated steel wire condenser coil guard is furnished.

Copper Tube/Enhanced Fin Coil — Lennox designed and fabricated coil is constructed of precisely spaced ripple-edged aluminum fins machine fitted to seamless copper tubes in a wrap around "U" shaped configuration providing extra large surface area with low air resistance. Lanced fins provide maximum exposure of fin surface to air stream resulting in excellent heat transfer. In addition, fins are equipped with collars that grip the tubing for maximum contact area. Precise circuiting provides uniform refrigerant distribution. Flared shoulder tubing connections and silver soldering provide tight, leak-proof joints. Long life copper tubing is corrosion-resistant and easy to field service. Coil is thoroughly factory tested under high pressure to insure leakproof construction. Entire coil is accessible for cleaning.

Powerful Condenser Fan — Efficient direct drive fan moves large volumes of air uniformly through the entire condenser coil resulting in high refrigerant cooling 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. A rain shield on the motor provides additional protection from moisture. Fan service access is accomplished by removal of fan guard. Corrosion resistant PVC (polyvinyl chloride) coated steel wire fan guard is furnished as standard.

Hi-Capacity Drier — Furnished as standard and factory installed. Drier traps any moisture or dirt that could contaminate the refrigerant system.

Accumulator (HS22-511V & -651V Only) — Accumulator traps and prevents large amounts of liquid refrigerant from entering compressor which could cause damage during start-up.

High Pressure Switch (HS22-511V & -651V Only) — Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting. Switch protects compressor from excessive condensing pressure. Manual reset.

Timed-Off Control — Furnished and factory installed. Prevents compressor short-cycling. Automatic reset control provides a time delay between compressor shutoff and start-up.

Refrigerant Line Connections, Electrical Inlets and Service Valves — Suction and liquid lines are located inside of the cabinet and are made with sweat connections. Fully serviceable brass service valves prevent corrosion and provide easy access to refrigerant system. Suction valve can be fully shut off, while the liquid valve may be backseated to manage refrigerant charge while servicing the system. Suction and liquid line service valves and gauge ports are located inside the cabinet. A thermometer well is located in the liquid line to check the refrigerant charge. Refrigerant line connections and field wiring inlets are all located in one central area of the cabinet. See dimension drawing.

OPTIONAL ACCESSORIES (Must Be Ordered Extra)

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 and must be ordered extra. See Refrigerant Line Kit table. The refrigerant lines (suction and liquid) are shipped refrigeration clean. Lines are cleaned, dried and pressurized at the factory and sealed. Suction line is fully insulated. Lines are furnished with a flare fitting (evaporator unit connection) on one end and less any fitting (stubbed) on the opposite end for connection to the condensing unit.

Expansion Valve Kits (Optional) — Must be ordered extra and field installed on matching evaporator units. See ARI Ratings table.

Low Ambient Kit (Optional) — Condensing units will operate satisfactorily down to 45°F (7°C) 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-57113BC (24H77) can be added in the field, enabling it to operate properly down to 30°F (-1°C).

Mounting Base (Optional) — Rugged 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. HS22-311V thru -651V use MB1-24 (78H50) 32" x 34" x 3" (813 mm x 864 mm x 76 mm) shipping weight 15 lbs. (7 kg) each. HS22-211V-261V use MB1-22 (99C78) 22-1/4" x 22-1/4" x 3" (565 mm x 565 mm x 76 mm) shipping weight 6 lbs. (3 kg) each.

SPECIFICATIONS

Model No.		HS22-211V	HS22-261V	HS22-311V	HS22-411V	HS22-461V	HS22-511V	HS22-651V	
Condenser Coil	Net face area — sq. ft. (m ²)	Outer coil	11.8 (1.10)	11.8 (1.10)	15.9 (1.48)	15.9 (1.48)	15.9 (1.48)	21.6 (2.01)	21.6 (2.01)
		Inner coil	---	5.4 (0.50)	5.5 (0.51)	5.5 (0.51)	8.8 (0.82)	20.8 (1.93)	20.8 (1.93)
	Tube diameter — 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)	3/8 (9.5)	
	No. of rows	1	1.48	1.36	1.36	1.57	2	2	
	Fins per inch (m)	20 (787)	20 (787)	20 (787)	20 (787)	20 (787)	20 (787)	20 (787)	
Condenser Fan	Dia. — in. (mm) no. of blades	20 (508) — 4	20 (508) — 4	24 (610) — 3	24 (610) — 3	24 (610) — 3	24 (610) — 4	24 (610) — 4	
	Motor hp (W)	1/6 (124)	1/6 (124)	1/6 (124)	1/6 (124)	1/6 (124)	1/4 (124)	1/4 (124)	
	Cfm (L/s)	2600 (1225)	2450 (1155)	3150 (1485)	3150 (1485)	3100 (1465)	3870 (1825)	4250 (2005)	
	Rpm	820	820	820	820	820	840	820	
	Watts	200	210	215	210	205	330	350	
*Refrigerant — 22 charge furnished		6 lbs. 2 oz. (2.78 kg)	6 lbs. 8 oz. (2.95 kg)	8 lbs. 1 oz. (3.66 kg)	8 lbs. 1 oz. (3.66 kg)	8 lbs. 5 oz. (3.77 kg)	13 lbs. 8 oz. 6.12 kg)	15 lbs. 8 oz. 7.03 kg)	
Liquid line (o.d.) — in. (mm) sweat		3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	
Suction line (o.d.) in. — (mm) sweat		5/8 (15.9)	3/4 (19)	3/4 (19)	3/4 (19)	7/8 (22.2)	7/8 (22.2)	1-1/8 (28.6)	
Shipping weight — lbs. (kg) 1 package		157 (71)	169 (77)	204 (93)	216 (98)	227 (103)	307 (139)	320 (145)	

*Refrigerant charge sufficient for 25 ft. (7.6 m) length of refrigerant lines.

ARI RATINGS

Condensing Unit Model No. *ARI Standard 270 SRN (bels)	●ARI Standard 210/240 Ratings					Evaporator Unit			***Expansion Valve Kit
	†SEER (Btuh/Watts)	EER (Btuh/Watts)	Cooling Capacity		Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
			Btuh	kW					
HS22-211V (7.8)	11.00	10.10	19,000	5.6	1885	C16-21FF	CR16-21FF	----	LB-53081CF (32G55)
	11.15	10.35	19,400	5.7	1875	----	----	CH16-21FF	
	11.85	10.70	19,400	5.7	1815	**CB18-21	----	**CBS18-21	
	11.75	10.55	19,800	5.8	1880	C16-31FF, C16-31WFF	CR16-31FF	CH16-31FF	
	11.50	10.70	20,200	5.9	1885	**CVP10-26/EC10Q3	----	----	●Factory Installed
	11.95	10.80	20,400	6.0	1885	C16-28FF, C16-28WFF	----	----	LB-53081CF (32G55)
	12.30	11.10	20,400	6.0	1835	**CB18-26	----	**CBS18-26	
	12.85	11.60	20,800	6.1	1790	**CB19-21	**CB19-21	**CBH19-21	
11.35	10.05	22,400	6.6	2232	C16-21FF	CR16-21FF	----	LB-53081CD (27G88)	
11.60	10.30	22,600	6.6	2191	**CB18-21	----	**CBS18-21		
11.50	10.20	22,800	6.7	2236	----	----	CH16-21FF		
12.70	11.10	23,000	6.7	2068	**CB19-21	**CB19-21	**CBH19-21		
11.95	10.60	23,800	7.0	2248	C16-28FF, C16-28WFF C16-31FF, C16-31WFF	CR16-31FF	CH16-31FF		
12.00	10.35	23,800	7.0	2303	**CB18-26	----	**CBS18-26		
12.90	10.30	24,000	7.0	2126	**CB19-26	**CB19-26	**CBH19-26		
12.20	10.80	24,400	7.1	2255	C16-41FF, C16-41WFF	CR16-41FF	----		
12.30	10.90	24,600	7.2	2257	----	----	CH16-41FF		
12.25	11.05	25,200	7.4	2280	**CVP10-26/EC10Q3	----	----		●Factory Installed
HS22-311V (7.6)	12.20	10.95	29,400	8.6	2686	**CB18-26	----	**CBS18-26	LB-53081CD (27G88)
	12.85	11.50	29,800	8.7	2593	**CB19-26	**CB19-26	**CBH19-26	
	12.35	11.00	29,800	8.7	2709	C16-28FF, C16-28WFF C16-31FF, C16-31WFF	CR16-31FF	CH16-31FF	
	12.45	11.10	30,200	8.8	2716	**CB18-31	----	**CBS18-31	
	12.15	10.75	30,200	8.8	2810	**CVP10-31/EC10Q3	----	----	●Factory Installed
	12.55	11.25	30,600	9.0	2715	C16-41FF, C16-41WFF	CR16-41FF	CH16-41FF	LB-53081CD (27G88)
	12.65	11.15	30,600	9.0	2741	**CB18-41	----	**CBS18-41	
	12.20	10.90	30,800	9.0	2820	**CVP10-41/EC10Q3	----	----	●Factory Installed
12.90	11.65	31,200	9.1	2683	**CB19-31	**CB19-31	**CBH19-31	LB-53081CD (27G88)	
HS22-411V (7.8)	11.55	10.35	33,000	9.7	3194	C16-28FF, C16-28WFF C16-31FF, C16-31WFF	CR16-31FF	CH16-31FF	LB-53081CB (11G82)
	12.30	10.95	35,200	10.3	3218	**CB18-31	----	**CBS18-31	
	11.90	10.80	35,400	10.4	3282	----	CR16-51FF	----	
	12.00	10.80	35,400	10.4	3284	C16-41FF, C16-41WFF	CR16-41FF	CH16-41FF	
	12.35	11.00	35,600	10.4	3233	**CB18-41	----	**CBS18-41	
	12.15	10.95	36,000	10.5	3292	C16-46FF, C16-46WFF	----	----	
	13.00	11.60	36,000	10.5	3105	**CB19-31	**CB19-31	**CBH19-31	
	12.15	10.95	36,200	10.6	3307	C16-51FF	----	----	
	12.40	10.95	36,400	10.7	3435	----	----	CH20-51	
	12.20	11.00	36,600	10.7	3327	**CB18-51	----	**CBS18-51	
	11.85	10.70	36,600	10.7	3420	**CVP10-41/EC10Q3	----	----	●Factory Installed
	13.20	11.60	36,600	10.7	3158	**CB19-41	**CB19-41	**CBH19-41	LB-53081CB (11G82)
	13.05	11.80	37,000	10.8	3130	**CB21-41	**CB21-41	**CBH21-41	
	13.00	11.60	37,600	11.0	3238	**CB19-51	**CB19-51	**CBH19-51	
13.50	12.05	38,000	11.1	3155	**CB21-51	**CB21-51	**CBH21-51		

● Rated in accordance with ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

* Sound Rating Number in accordance with ARI Standard 270.

** Blower powered evaporator.

*** Kit is optional and must be ordered extra.

† Seasonal Energy Efficiency Ratio (Btuh/Watt).

● Furnished as standard with coil.

ARI RATINGS

Condensing Unit Model No. *ARI Standard 270 SRN (bels)	●ARI Standard 210/240 Ratings					Evaporator Unit			***Expansion Valve Kit	
	†SEER (Btuh/ Watts)	EER (Btuh/ Watts)	Cooling Capacity		Total Unit Watts	Up-Flo	Down-Flo	Horizontal		
			Btuh	kW						
HS22-461V (7.8)	11.75	10.35	38,500	11.3	3711	**CB18-41	----	**CBS18-41	LB-53081CB (11G82)	
	12.00	10.55	39,000	11.4	3698	C16-41FF, C16-41WFF	CR16-41FF	CH16-41FF		
	12.10	10.65	40,000	11.7	3761	C16-46FF, C16-46WFF	CR16-51FF			
	12.60	11.05	40,500	11.9	3664	**CB19-41	**CB19-41	**CBH19-41	LB-53081CB (11G82)	
	11.55	10.30	40,500	11.9	3925	**CVP10-46/EC10Q4	----	----		●Factory Installed
	12.20	10.75	41,000	12.0	3817	C16-51FF	----	----		
	11.85	10.55	41,000	12.0	3884	**CB18-51	----	**CBS18-51		
	12.50	11.60	41,000	12.0	3540	**CB21-41	**CB21-41	**CBH21-41		
	12.10	10.60	41,500	12.2	3920	----	----	CH20-51		
	12.45	11.10	42,500	12.5	3830	**CB19-51	**CB19-51	**CBH19-51		
	12.75	11.80	44,500	13.0	3775	**CB21-51	**CB21-51	**CBH21-51		
HS22-511V (7.8)	11.20	9.95	45,000	13.2	4526	----	CR16-51FF	----	LB-53081CC (11G83)	
	11.35	10.05	45,500	13.3	4532	C16-46FF, C16-46WFF	----	----		
	11.50	10.10	46,000	13.5	4545	C16-51FF	----	----		
	11.65	10.20	46,500	13.6	4548	----	CR16-65	----	LB-53081CC (11G83)	
	11.55	10.20	46,500	13.6	4560	**CVP10-51/EC10Q4	----	----		●Factory Installed
	12.05	10.45	47,000	13.8	4488	C16-65	----	----		
	12.15	10.75	47,000	13.8	4368	**CB19-41	**CB19-41	**CBH19-41		
	11.85	10.40	47,000	13.8	4520	**CB18-51	----	**CBS18-51		
	11.75	10.45	47,500	13.9	4547	----	----	CH19-51		
	12.05	10.60	47,500	13.9	4473	**CB19-51	**CB19-51	**CBH19-51		
	11.65	10.30	48,000	14.1	4665	**CB18-65	----	**CBS18-65		
	11.85	10.55	48,000	14.1	4558	----	----	CH20-51	LB-53081CC (11G83)	
	11.75	10.50	48,000	14.1	4569	**CVP10-65/EC10Q5	----	----		●Factory Installed
	12.15	10.70	49,000	14.4	4574	----	----	CH20-65		
	12.05	10.70	49,000	14.4	4569	----	----	CH19-65		
	12.20	10.80	49,000	14.4	4535	**CB19-65	**CB19-65	**CBH19-65		
13.05	11.40	49,500	14.5	4350	**CB21-65	**CB21-65	**CBH21-65			
13.35	11.75	51,500	15.1	4376	**CB21-51	**CB21-51	**CBH21-51			
HS22-651V (7.8)	11.05	9.70	53,000	15.6	5450	----	CR16-51FF	----	LB-53081CE (32G54)	
	11.35	10.00	54,500	16.0	5449	C16-51FF	----	----		
	11.35	10.05	55,000	16.1	5464	----	CR16-65	----		
	11.50	10.05	55,000	16.1	5484	**CB18-51	----	**CBS18-51		
	11.60	10.25	56,000	16.4	5457	----	----	CH20-51		
	12.05	10.35	56,000	16.4	5409	C16-65	----	----		
	11.65	10.35	56,500	16.6	5465	----	----	CH19-51		
	11.85	10.50	56,500	16.6	5381	**CB19-51	**CB19-51	**CBH19-51		
	11.55	10.10	57,500	16.8	5705	**CB18-65	----	**CBS18-65		
	12.05	10.55	57,500	16.8	5452	----	----	CH20-65		
	12.05	10.60	58,000	17.0	5476	----	----	CH19-65		
	11.60	10.30	58,000	17.0	5641	**CVP10-65/EC10Q5	----	----	●Factory Installed	
	12.15	10.75	59,500	17.4	5538	**CB19-65	**CB19-65	**CBH19-65	LB-53081CE (32G54)	
	13.15	11.40	60,000	17.6	5273	**CB21-51	**CB21-51	**CBH21-51		
12.80	11.20	60,000	17.6	5363	**CB21-65	**CB21-65	**CBH21-65			

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* Sound Rating Number in accordance with ARI Standard 270.

** Blower powered evaporator.

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†Seasonal Energy Efficiency Ratio (Btuh/Watt).

●Furnished as standard with coil.

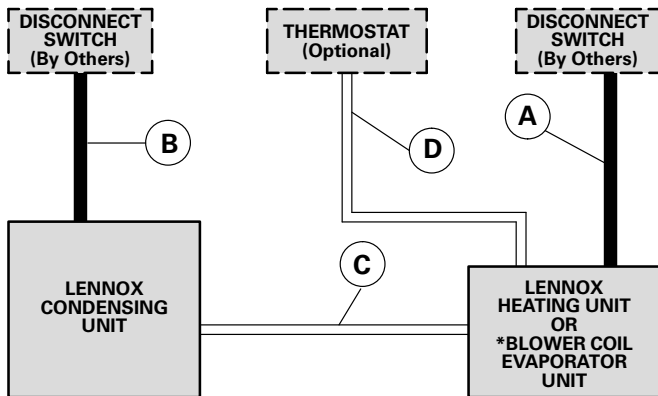
ELECTRICAL DATA

Model No.		HS22-211V	HS22-261V	HS22-311V	HS22-411V	HS22-461V	HS22-511V	HS22-651V
Line voltage data — 60hz		208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph
Compressor	Rated load amps	9.7	11.6	13.5	18.0	20.0	23.7	28.8
	Power factor	.96	.96	.96	.96	.97	.89	.97
	Locked rotor amps	50.0	62.5	76.0	90.5	107.0	129.0	169.0
Condenser Coil	Full load amps	1.1	1.1	1.1	1.1	1.1	1.7	1.6
Fan Motor	Locked rotor amps	2.0	2.0	2.0	2.0	2.0	3.1	3.76
Rec. max. fuse or circuit breaker size (amps)		20	25	30	35	45	50	60
*Minimum circuit ampacity		13.3	15.6	18.0	23.6	26.1	31.2	37.6

*Refer to 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.

FIELD WIRING



A — Two Wire Power (not furnished)

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

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

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

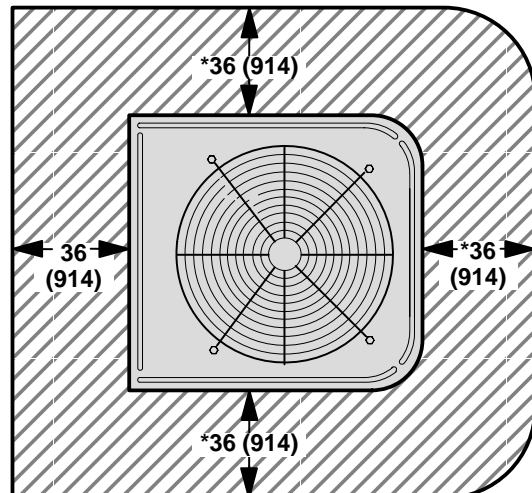
All wiring must conform to CEC and local electrical codes.

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suct. & Liq. Lines		Liquid Line (o. d.)		Suction Line (o. d.)	
		ft.	m	in.	mm	in.	mm
HS22-211V	L10-26-20	20	6.1	3/8	9.5	5/8	15.9
	L10-26-25	25	7.6				
	L10-26-35	35	10.7				
	L10-26-50	50	15.2				
HS22-261V HS22-311V HS22-411V	L10-41-20	20	6.1	3/8	9.5	3/4	19
	L10-41-30	30	9.1				
	L10-41-40	40	12.2				
	L10-41-50	50	15.2				
HS22-461V HS22-511V	L10-65-30	30	9.1	3/8	9.5	7/8	22.2
	L10-65-40	40	12.2				
	L10-65-50	50	15.2				
HS22-651V	*Not available			3/8	9.5	1-1/8	22.2

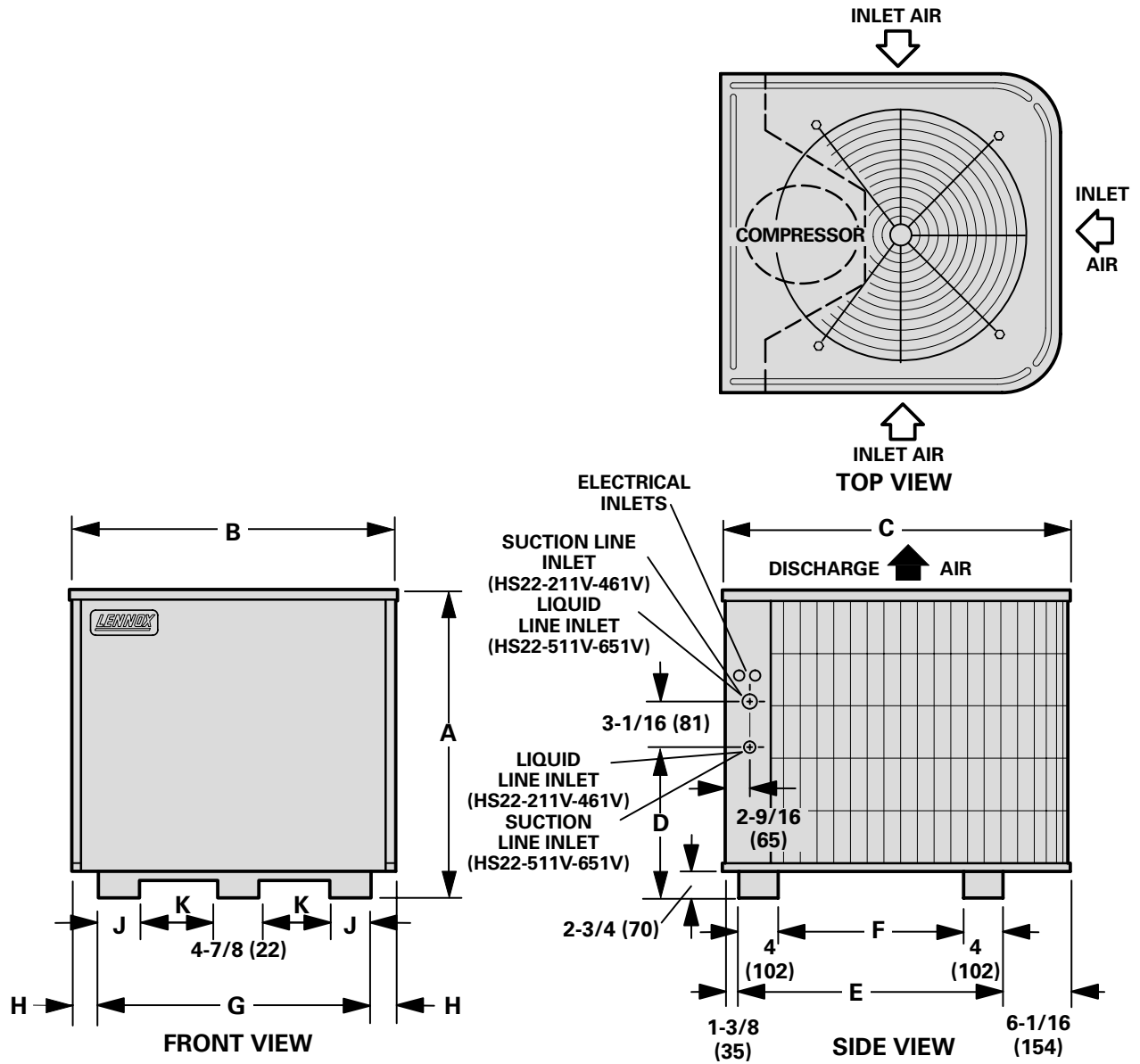
*Field fabricate.

INSTALLATION CLEARANCES — inches (mm)



NOTE — 48 inches (1219 mm) clearance required on top of unit.
*NOTE — One side of coil may be 12 inches (305 mm).

DIMENSIONS – inches (mm)



Model No.		A	B	C	D	E	F	G	H	J	K
HS22-211V HS22-261V	in.	27-7/8	25-7/8	29-7/8	12-7/8	22-7/16	14-7/16	22-1/8	1-7/8	2-7/8	5-1/2
	mm	708	657	759	327	570	367	562	48	73	140
HS22-311V HS22-411V HS22-461V	in.	30-7/8	32-1/8	34-1/16	15	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2
	mm	784	816	865	381	676	473	714	51	98	191
HS22-511V HS22-651V	in.	40-7/8	32-1/8	34-1/16	18	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2
	mm	1038	816	865	457	676	473	714	51	98	191

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-211V WITH C16-21FF OR CR16-21FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	285	600	5.5	18,900	1270	.76	.91	1.00	5.4	18,300	1410	.78	.92	1.00	5.1	17,500	1600	.79	.94	1.00
	330	700	5.7	19,500	1280	.80	.94	1.00	5.5	18,900	1420	.81	.96	1.00	5.3	18,200	1600	.83	.98	1.00
	380	800	5.9	20,100	1280	.83	.98	1.00	5.7	19,400	1420	.84	.99	1.00	5.5	18,600	1600	.86	1.00	1.00
67°F (19.4°C)	285	600	5.8	19,800	1280	.60	.74	.87	5.6	19,200	1420	.61	.75	.89	5.4	18,500	1600	.62	.76	.91
	330	700	6.0	20,400	1280	.62	.77	.92	5.8	19,800	1420	.63	.79	.93	5.6	19,000	1600	.64	.80	.95
	380	800	6.1	20,900	1290	.64	.80	.95	5.9	20,200	1430	.65	.82	.97	5.7	19,500	1610	.66	.84	.98
71°F (21.7°C)	285	600	6.1	20,700	1280	.45	.59	.72	5.9	20,000	1430	.45	.59	.73	5.7	19,300	1610	.45	.60	.74
	330	700	6.2	21,300	1290	.46	.61	.75	6.0	20,600	1430	.46	.62	.76	5.8	19,900	1610	.47	.63	.78
	380	800	6.4	21,800	1300	.47	.63	.78	6.2	21,100	1440	.47	.64	.80	5.9	20,300	1620	.48	.65	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-211V WITH CH16-21FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	285	600	5.6	19,100	1270	.75	.89	1.00	5.4	18,400	1410	.76	.90	1.00	5.2	17,700	1590	.77	.92	1.00
	330	700	5.8	19,700	1280	.78	.93	1.00	5.6	19,000	1420	.79	.94	1.00	5.4	18,300	1600	.81	.96	1.00
	380	800	5.9	20,300	1280	.81	.96	1.00	5.7	19,500	1420	.83	.98	1.00	5.5	18,700	1600	.84	.99	1.00
67°F (19.4°C)	285	600	5.9	20,200	1280	.59	.72	.85	5.7	19,500	1420	.59	.73	.87	5.5	18,800	1600	.60	.75	.89
	330	700	6.1	20,800	1290	.61	.75	.89	5.9	20,100	1430	.62	.77	.91	5.7	19,300	1610	.62	.78	.93
	380	800	6.2	21,300	1290	.63	.79	.93	6.0	20,500	1430	.64	.80	.95	5.8	19,800	1610	.65	.82	.97
71°F (21.7°C)	285	600	6.2	21,300	1290	.44	.57	.70	6.0	20,600	1430	.45	.58	.71	5.8	19,900	1610	.45	.59	.72
	330	700	6.4	21,900	1300	.45	.59	.73	6.2	21,200	1440	.46	.60	.74	6.0	20,400	1620	.46	.61	.76
	380	800	6.6	22,500	1300	.46	.61	.76	6.4	21,700	1440	.46	.62	.78	6.1	20,900	1620	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-211V WITH CB18-21 OR CBS18-21 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	285	600	5.6	19,000	1270	.75	.89	1.00	5.4	18,300	1410	.76	.91	1.00	5.2	17,600	1590	.78	.93	1.00
	330	700	5.7	19,600	1280	.78	.93	1.00	5.5	18,900	1420	.80	.95	1.00	5.3	18,200	1600	.81	.97	1.00
	380	800	5.9	20,200	1280	.81	.97	1.00	5.7	19,500	1420	.83	.98	1.00	5.5	18,700	1600	.85	.99	1.00
67°F (19.4°C)	285	600	5.9	20,000	1280	.59	.73	.86	5.7	19,300	1420	.60	.74	.87	5.5	18,600	1600	.61	.75	.89
	330	700	6.0	20,600	1280	.61	.76	.90	5.8	19,900	1430	.62	.77	.92	5.6	19,200	1600	.63	.79	.94
	380	800	6.2	21,100	1290	.63	.79	.94	6.0	20,400	1430	.64	.81	.95	5.7	19,600	1610	.65	.82	.97
71°F (21.7°C)	285	600	6.1	20,900	1290	.45	.58	.70	5.9	20,200	1430	.45	.59	.71	5.7	19,500	1610	.45	.59	.73
	330	700	6.3	21,600	1290	.46	.60	.74	6.1	20,900	1440	.46	.61	.75	5.9	20,100	1610	.46	.62	.76
	380	800	6.5	22,200	1300	.46	.62	.77	6.3	21,400	1440	.47	.63	.78	6.0	20,600	1620	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-211V WITH C16-31FF, C16-31WFF, CR16-31FF OR CH16-31FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	285	600	5.7	19,600	1280	.75	.90	1.00	5.5	18,900	1420	.76	.91	1.00	5.3	18,200	1600	.77	.92	1.00
	330	700	5.9	20,200	1280	.78	.94	1.00	5.7	19,500	1420	.80	.95	1.00	5.5	18,700	1600	.81	.97	1.00
	380	800	6.0	20,600	1280	.82	.98	1.00	5.8	19,900	1430	.83	.99	1.00	5.7	19,300	1600	.85	1.00	1.00
67°F (19.4°C)	285	600	6.1	20,700	1290	.59	.72	.86	5.9	20,000	1430	.60	.74	.87	5.7	19,300	1610	.60	.75	.89
	330	700	6.2	21,300	1290	.61	.76	.91	6.0	20,600	1430	.62	.77	.92	5.8	19,800	1610	.63	.79	.94
	380	800	6.4	21,800	1300	.63	.79	.94	6.2	21,000	1440	.64	.81	.96	5.9	20,200	1610	.65	.82	.98
71°F (21.7°C)	285	600	6.4	21,800	1300	.44	.57	.70	6.2	21,100	1440	.44	.58	.71	6.0	20,400	1620	.45	.59	.72
	330	700	6.6	22,500	1300	.45	.60	.73	6.4	21,700	1440	.45	.60	.75	6.1	20,900	1620	.46	.61	.76
	380	800	6.7	23,000	1310	.46	.62	.77	6.5	22,200	1450	.46	.63	.79	6.3	21,400	1630	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-211V WITH CVP10-26/EC10Q3 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	5.9	20,200	1270	.80	.96	1.00	5.7	19,500	1410	.81	.98	1.00	5.5	18,900	1580	.83	.99	1.00
	380	800	6.1	20,800	1280	.84	.99	1.00	5.9	20,200	1420	.85	1.00	1.00	5.7	19,600	1590	.87	1.00	1.00
	425	900	6.3	21,500	1290	.88	1.00	1.00	6.1	20,800	1420	.89	1.00	1.00	5.9	20,200	1600	.91	1.00	1.00
67°F (19.4°C)	330	700	6.3	21,400	1290	.62	.78	.93	6.0	20,600	1420	.63	.79	.95	5.8	19,800	1590	.64	.81	.96
	380	800	6.4	21,900	1290	.64	.82	.98	6.2	21,100	1430	.65	.83	.99	5.9	20,200	1600	.66	.85	1.00
	425	900	6.5	22,200	1300	.67	.85	1.00	6.3	21,400	1430	.68	.87	1.00	6.0	20,600	1600	.69	.89	1.00
71°F (21.7°C)	330	700	6.6	22,600	1300	.46	.61	.75	6.4	21,800	1440	.46	.61	.77	6.2	21,000	1610	.46	.62	.78
	380	800	6.8	23,100	1310	.47	.63	.80	6.5	22,300	1440	.47	.64	.81	6.3	21,500	1620	.47	.65	.83
	425	900	6.9	23,400	1310	.48	.66	.83	6.6	22,600	1450	.48	.67	.85	6.4	21,800	1630	.49	.68	.87

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-211V WITH C16-28FF OR C16-28WFF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	285	600	5.9	20,100	1280	.74	.88	1.00	5.7	19,400	1420	.76	.90	1.00	5.5	18,700	1600	.77	.91	1.00
	330	700	6.1	20,700	1280	.77	.92	1.00	5.9	20,000	1430	.79	.94	1.00	5.7	19,300	1610	.80	.96	1.00
	380	800	6.2	21,200	1290	.80	.96	1.00	6.0	20,500	1430	.82	.98	1.00	5.8	19,700	1610	.83	.99	1.00
67°F (19.4°C)	285	600	6.2	21,000	1290	.59	.72	.85	6.0	20,400	1430	.59	.73	.86	5.8	19,700	1610	.60	.74	.88
	330	700	6.4	21,700	1290	.61	.75	.89	6.2	21,000	1440	.62	.76	.91	5.9	20,300	1610	.62	.78	.93
	380	800	6.5	22,200	1300	.62	.78	.93	6.3	21,500	1440	.63	.79	.95	6.1	20,700	1620	.64	.81	.97
71°F (21.7°C)	285	600	6.4	21,900	1300	.44	.57	.70	6.2	21,200	1440	.44	.58	.71	6.0	20,500	1620	.44	.59	.72
	330	700	6.6	22,600	1300	.45	.59	.73	6.4	21,900	1450	.45	.60	.74	6.2	21,200	1630	.46	.61	.75
	380	800	6.8	23,200	1310	.45	.61	.76	6.6	22,400	1450	.46	.62	.77	6.4	21,700	1630	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-211V WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	285	600	5.8	19,800	1280	.75	.90	1.00	5.6	19,200	1420	.76	.91	1.00	5.4	18,400	1600	.78	.93	1.00
	330	700	6.0	20,500	1280	.79	.94	1.00	5.8	19,800	1420	.80	.96	1.00	5.6	19,000	1600	.82	.98	1.00
	380	800	6.2	21,000	1290	.82	.98	1.00	5.9	20,300	1430	.84	.99	1.00	5.7	19,600	1610	.86	1.00	1.00
67°F (19.4°C)	285	600	6.2	21,000	1290	.59	.73	.87	5.9	20,300	1430	.60	.74	.88	5.7	19,500	1610	.61	.75	.90
	330	700	6.3	21,600	1290	.61	.76	.91	6.1	20,900	1440	.62	.78	.93	5.9	20,100	1610	.63	.79	.94
	380	800	6.5	22,100	1300	.63	.80	.95	6.2	21,300	1440	.64	.82	.97	6.0	20,500	1620	.65	.84	.99
71°F (21.7°C)	285	600	6.5	22,100	1300	.44	.58	.70	6.3	21,400	1440	.45	.58	.71	6.0	20,600	1620	.45	.59	.73
	330	700	6.7	22,800	1300	.45	.60	.74	6.4	22,000	1450	.46	.61	.75	6.2	21,200	1630	.46	.62	.77
	380	800	6.8	23,300	1310	.46	.62	.78	6.6	22,500	1450	.46	.63	.79	6.4	21,700	1630	.47	.64	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-211V WITH CB19-21 OR CBS19-21 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	285	600	5.9	20,200	1280	.76	.91	1.00	5.7	19,500	1420	.77	.92	1.00	5.5	18,700	1600	.79	.94	1.00
	330	700	6.1	20,800	1290	.80	.96	1.00	5.9	20,200	1430	.82	.97	1.00	5.7	19,400	1610	.83	.99	1.00
	380	800	6.3	21,500	1290	.84	.99	1.00	6.1	20,700	1430	.86	1.00	1.00	5.9	20,000	1610	.87	1.00	1.00
67°F (19.4°C)	285	600	6.2	21,300	1290	.60	.74	.88	6.0	20,600	1430	.60	.75	.89	5.8	19,800	1610	.61	.76	.91
	330	700	6.4	21,900	1300	.62	.78	.92	6.2	21,200	1440	.63	.79	.94	6.0	20,400	1620	.64	.81	.96
	380	800	6.6	22,400	1300	.64	.82	.97	6.3	21,600	1440	.65	.83	.98	6.1	20,800	1620	.66	.85	1.00
71°F (21.7°C)	285	600	6.6	22,500	1300	.44	.58	.71	6.4	21,700	1440	.45	.59	.72	6.1	20,900	1620	.45	.60	.74
	330	700	6.8	23,100	1310	.45	.61	.75	6.5	22,300	1450	.46	.62	.77	6.3	21,500	1630	.46	.62	.78
	380	800	6.9	23,600	1310	.47	.63	.79	6.7	22,800	1460	.47	.64	.81	6.4	22,000	1640	.47	.65	.83

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-261V WITH C16-21FF OR CR16-21FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.5	22,200	1510	.75	.89	.99	6.3	21,400	1700	.76	.91	1.00	6.1	20,700	1900	.78	.92	1.00
	400	850	6.8	23,100	1520	.79	.94	1.00	6.5	22,300	1710	.81	.95	1.00	6.3	21,500	1900	.82	.97	1.00
	470	1000	7.0	23,900	1530	.83	.98	1.00	6.8	23,100	1710	.84	.99	1.00	6.5	22,200	1910	.86	1.00	1.00
67°F (19.4°C)	330	700	6.8	23,300	1520	.59	.73	.85	6.6	22,500	1710	.60	.74	.87	6.4	21,700	1900	.61	.75	.89
	400	850	7.1	24,300	1530	.62	.77	.91	6.9	23,400	1720	.62	.78	.92	6.6	22,500	1910	.64	.80	.94
	470	1000	7.3	25,000	1540	.64	.80	.95	7.1	24,100	1720	.65	.82	.96	6.8	23,200	1920	.66	.84	.98
71°F (21.7°C)	330	700	7.2	24,400	1530	.44	.58	.70	6.9	23,600	1720	.45	.58	.71	6.7	22,700	1910	.45	.59	.73
	400	850	7.4	25,400	1540	.45	.60	.74	7.2	24,500	1730	.46	.61	.76	6.9	23,700	1930	.46	.62	.77
	470	1000	7.7	26,200	1550	.47	.63	.78	7.4	25,300	1740	.47	.64	.80	7.1	24,300	1930	.47	.65	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH CB18-21 OR CBS18-21 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.5	22,200	1510	.73	.87	.99	6.3	21,400	1700	.75	.89	1.00	6.0	20,500	1890	.76	.91	1.00
	400	850	6.7	23,000	1520	.77	.93	1.00	6.5	22,300	1710	.79	.94	1.00	6.3	21,400	1900	.80	.96	1.00
	470	1000	7.0	23,900	1530	.81	.97	1.00	6.7	23,000	1710	.83	.98	1.00	6.5	22,200	1910	.85	.99	1.00
67°F (19.4°C)	330	700	6.9	23,400	1520	.58	.71	.84	6.6	22,600	1710	.59	.72	.85	6.4	21,700	1900	.59	.73	.87
	400	850	7.2	24,400	1530	.60	.75	.89	6.9	23,500	1720	.61	.76	.91	6.6	22,600	1910	.62	.78	.93
	470	1000	7.4	25,200	1540	.63	.79	.94	7.1	24,300	1730	.64	.80	.96	6.8	23,300	1920	.65	.82	.98
71°F (21.7°C)	330	700	7.2	24,500	1530	.44	.57	.68	6.9	23,700	1720	.44	.57	.70	6.7	22,800	1910	.44	.58	.71
	400	850	7.5	25,600	1540	.45	.59	.72	7.2	24,700	1730	.45	.60	.74	7.0	23,800	1930	.45	.61	.75
	470	1000	7.8	26,500	1550	.46	.61	.76	7.5	25,500	1740	.46	.62	.78	7.2	24,500	1940	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH CH16-21FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.6	22,400	1510	.74	.87	.99	6.3	21,500	1700	.75	.89	1.00	6.1	20,700	1900	.76	.91	1.00
	400	850	6.8	23,200	1520	.78	.93	1.00	6.6	22,500	1710	.79	.94	1.00	6.3	21,500	1900	.80	.96	1.00
	470	1000	7.0	24,000	1530	.81	.97	1.00	6.8	23,100	1720	.83	.98	1.00	6.5	22,200	1910	.85	1.00	1.00
67°F (19.4°C)	330	700	6.9	23,700	1530	.58	.71	.84	6.7	22,900	1710	.59	.72	.85	6.4	22,000	1910	.59	.73	.87
	400	850	7.2	24,700	1530	.60	.75	.89	7.0	23,800	1720	.61	.76	.91	6.7	22,900	1920	.62	.78	.93
	470	1000	7.4	25,400	1540	.63	.79	.94	7.2	24,500	1730	.64	.81	.96	6.9	23,500	1920	.65	.82	.97
71°F (21.7°C)	330	700	7.4	25,100	1540	.44	.56	.68	7.1	24,200	1730	.44	.57	.70	6.8	23,300	1920	.44	.58	.71
	400	850	7.6	26,100	1550	.45	.59	.72	7.4	25,200	1740	.45	.60	.74	7.1	24,200	1930	.46	.61	.75
	470	1000	7.9	26,900	1560	.46	.62	.76	7.6	25,900	1750	.46	.62	.78	7.3	24,900	1940	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH CB19-21 OR CBH19-21 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	235	500	6.4	21,700	1510	.69	.80	.92	6.2	21,000	1700	.70	.82	.93	5.9	20,200	1890	.71	.83	.95
	295	625	6.7	23,000	1520	.73	.86	.98	6.5	22,100	1710	.74	.88	.99	6.2	21,300	1900	.75	.89	1.00
	355	750	7.0	24,000	1530	.77	.91	1.00	6.8	23,100	1720	.78	.93	1.00	6.5	22,200	1910	.79	.95	1.00
67°F (19.4°C)	235	500	6.7	23,000	1520	.55	.66	.77	6.5	22,200	1710	.56	.67	.78	6.3	21,400	1900	.56	.68	.79
	295	625	7.2	24,400	1530	.57	.70	.82	6.9	23,500	1720	.58	.71	.84	6.6	22,600	1910	.59	.72	.86
	355	750	7.4	25,400	1540	.60	.74	.88	7.2	24,500	1730	.60	.75	.90	6.9	23,500	1930	.61	.77	.91
71°F (21.7°C)	235	500	7.1	24,300	1530	.43	.53	.64	6.9	23,500	1720	.43	.54	.64	6.6	22,600	1920	.43	.54	.65
	295	625	7.6	25,800	1550	.44	.56	.67	7.3	24,900	1740	.44	.56	.68	7.0	23,900	1930	.44	.57	.70
	355	750	7.9	26,900	1560	.44	.58	.71	7.6	25,900	1750	.45	.59	.73	7.3	24,900	1950	.45	.60	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-261V WITH C16-28FF, C16-28WFF, C16-31FF, C16-31WFF, CR16-31FF OR CH16-31FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.8	23,200	1520	.74	.87	.99	6.6	22,400	1710	.75	.89	1.00	6.3	21,500	1900	.76	.90	1.00
	400	850	7.1	24,200	1530	.78	.93	1.00	6.9	23,400	1720	.79	.94	1.00	6.6	22,400	1910	.80	.96	1.00
	470	1000	7.3	25,000	1540	.81	.97	1.00	7.1	24,100	1720	.83	.99	1.00	6.8	23,100	1920	.85	1.00	1.00
67°F (19.4°C)	330	700	7.2	24,700	1540	.58	.71	.83	7.0	23,800	1720	.59	.72	.85	6.7	22,900	1920	.59	.73	.87
	400	850	7.5	25,700	1550	.60	.75	.89	7.3	24,800	1730	.61	.76	.91	7.0	23,800	1930	.62	.78	.93
	470	1000	7.8	26,500	1550	.63	.79	.94	7.5	25,500	1740	.64	.80	.96	7.2	24,500	1940	.65	.82	.98
71°F (21.7°C)	330	700	7.6	26,100	1550	.44	.56	.68	7.4	25,200	1740	.44	.57	.69	7.1	24,300	1930	.44	.58	.71
	400	850	8.0	27,200	1560	.45	.59	.72	7.7	26,300	1750	.45	.60	.74	7.4	25,300	1950	.46	.61	.75
	470	1000	8.2	28,100	1570	.46	.61	.76	7.9	27,100	1760	.46	.62	.78	7.6	26,000	1960	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.8	23,200	1510	.74	.88	.99	6.5	22,300	1690	.75	.90	1.00	6.3	21,500	1880	.76	.91	1.00
	400	850	7.1	24,200	1520	.78	.93	1.00	6.9	23,400	1700	.80	.95	1.00	6.6	22,400	1890	.81	.97	1.00
	470	1000	7.3	25,000	1530	.82	.98	1.00	7.1	24,100	1710	.84	.99	1.00	6.8	23,200	1900	.86	1.00	1.00
67°F (19.4°C)	330	700	7.2	24,700	1520	.58	.71	.84	7.0	23,800	1710	.59	.73	.86	6.7	22,900	1900	.60	.74	.88
	400	850	7.5	25,700	1530	.61	.76	.90	7.3	24,800	1720	.62	.77	.92	7.0	23,800	1910	.63	.79	.94
	470	1000	7.8	26,500	1540	.63	.80	.95	7.5	25,500	1730	.64	.82	.97	7.2	24,400	1920	.65	.83	.99
71°F (21.7°C)	330	700	7.6	26,100	1540	.44	.57	.69	7.4	25,200	1720	.44	.57	.70	7.1	24,200	1920	.44	.58	.71
	400	850	8.0	27,200	1550	.45	.59	.73	7.7	26,200	1740	.45	.60	.75	7.4	25,200	1930	.46	.61	.76
	470	1000	8.2	28,000	1560	.46	.62	.77	7.9	27,000	1750	.47	.63	.79	7.6	25,900	1940	.47	.64	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH CB19-26 OR CBH19-26 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.9	23,600	1530	.75	.89	1.00	6.7	22,700	1710	.76	.91	1.00	6.4	21,900	1910	.78	.93	1.00
	380	800	7.1	24,300	1530	.78	.93	1.00	6.9	23,400	1720	.79	.95	1.00	6.6	22,500	1910	.81	.97	1.00
	425	900	7.3	24,900	1540	.81	.97	1.00	7.0	24,000	1730	.83	.98	1.00	6.8	23,100	1920	.84	1.00	1.00
67°F (19.4°C)	330	700	7.3	25,000	1540	.59	.72	.86	7.1	24,100	1730	.59	.74	.87	6.8	23,200	1920	.60	.75	.89
	380	800	7.6	25,800	1550	.61	.76	.90	7.3	24,800	1740	.61	.77	.92	7.0	23,800	1930	.62	.78	.93
	425	900	7.7	26,300	1560	.63	.79	.94	7.4	25,300	1740	.63	.80	.96	7.1	24,300	1940	.64	.82	.97
71°F (21.7°C)	330	700	7.8	26,500	1560	.44	.57	.70	7.5	25,500	1750	.44	.58	.71	7.2	24,600	1940	.45	.59	.72
	380	800	8.0	27,200	1570	.45	.59	.73	7.7	26,200	1750	.45	.60	.74	7.4	25,200	1950	.45	.61	.76
	425	900	8.2	27,900	1570	.46	.61	.76	7.9	26,800	1760	.46	.62	.78	7.6	25,800	1960	.46	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH C16-41FF, C16-41WFF OR CR16-41FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	6.9	23,700	1530	.73	.87	.99	6.7	22,800	1710	.74	.89	1.00	6.4	21,900	1900	.75	.91	1.00
	400	850	7.2	24,700	1530	.77	.93	1.00	7.0	23,800	1720	.79	.95	1.00	6.7	22,800	1910	.80	.97	1.00
	470	1000	7.5	25,500	1540	.81	.98	1.00	7.2	24,600	1730	.83	.99	1.00	6.9	23,700	1920	.85	1.00	1.00
67°F (19.4°C)	330	700	7.4	25,100	1540	.58	.71	.83	7.1	24,300	1730	.58	.72	.85	6.8	23,300	1920	.59	.73	.87
	400	850	7.7	26,200	1550	.60	.75	.89	7.4	25,200	1740	.61	.76	.91	7.1	24,300	1930	.62	.77	.93
	470	1000	7.9	27,000	1560	.62	.79	.95	7.6	26,000	1750	.63	.80	.96	7.3	24,900	1940	.64	.82	.98
71°F (21.7°C)	330	700	7.8	26,600	1560	.43	.56	.68	7.5	25,700	1740	.44	.57	.69	7.2	24,700	1940	.44	.57	.70
	400	850	8.1	27,700	1570	.45	.59	.72	7.8	26,700	1760	.45	.59	.73	7.5	25,700	1960	.45	.60	.75
	470	1000	8.4	28,600	1580	.46	.61	.76	8.1	27,600	1770	.46	.62	.78	7.8	26,500	1970	.46	.63	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-261V WITH CH16-41FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	7.1	24,100	1530	.73	.88	1.00	6.8	23,200	1720	.74	.89	1.00	6.5	22,300	1910	.76	.91	1.00
	400	850	7.4	25,100	1540	.78	.94	1.00	7.1	24,200	1730	.79	.95	1.00	6.8	23,200	1920	.81	.97	1.00
	470	1000	7.6	26,000	1550	.82	.99	1.00	7.4	25,100	1740	.84	1.00	1.00	7.1	24,200	1930	.86	1.00	1.00
67°F (19.4°C)	330	700	7.5	25,700	1550	.58	.71	.84	7.3	24,800	1730	.58	.72	.86	7.0	23,800	1930	.59	.73	.87
	400	850	7.9	26,800	1560	.60	.75	.90	7.5	25,700	1740	.61	.77	.92	7.2	24,700	1940	.62	.78	.94
	470	1000	8.1	27,500	1570	.63	.80	.95	7.7	26,400	1750	.64	.81	.98	7.4	25,300	1950	.65	.83	.99
71°F (21.7°C)	330	700	8.0	27,300	1560	.43	.56	.68	7.7	26,400	1750	.44	.57	.69	7.4	25,300	1950	.44	.57	.70
	400	850	8.3	28,400	1580	.44	.59	.73	8.0	27,400	1770	.45	.59	.74	7.7	26,300	1970	.45	.60	.76
	470	1000	8.6	29,300	1590	.46	.61	.77	8.3	28,200	1780	.46	.62	.79	7.9	27,000	1980	.46	.64	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-261V WITH CVP10-26/EC10Q3 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	330	700	7.2	24,600	1510	.75	.89	1.00	6.9	23,700	1700	.76	.91	1.00	6.7	22,700	1890	.78	.93	1.00
	400	850	7.5	25,500	1520	.79	.95	1.00	7.2	24,600	1710	.81	.97	1.00	6.9	23,700	1900	.83	.99	1.00
	470	1000	7.8	26,500	1530	.84	1.00	1.00	7.5	25,600	1720	.86	1.00	1.00	7.2	24,700	1910	.87	1.00	1.00
67°F (19.4°C)	330	700	7.6	26,100	1530	.59	.72	.85	7.4	25,200	1710	.59	.73	.87	7.1	24,300	1910	.60	.75	.89
	400	850	8.0	27,200	1540	.61	.77	.92	7.7	26,200	1720	.62	.78	.93	7.4	25,200	1920	.63	.80	.96
	470	1000	8.2	27,900	1550	.64	.81	.97	7.9	26,900	1730	.65	.83	.99	7.6	25,800	1930	.67	.85	1.00
71°F (21.7°C)	330	700	8.1	27,800	1540	.44	.57	.70	7.9	26,900	1730	.44	.58	.71	7.6	25,800	1930	.44	.58	.72
	400	850	8.5	28,900	1560	.45	.60	.74	8.1	27,800	1740	.45	.61	.76	7.8	26,700	1940	.46	.62	.77
	470	1000	8.7	29,700	1570	.46	.63	.79	8.4	28,600	1750	.46	.64	.81	8.1	27,500	1950	.47	.65	.82

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	380	800	8.6	29,200	1900	.72	.85	.97	8.3	28,200	2100	.73	.86	.99	7.9	27,100	2340	.74	.88	1.00
	425	900	8.8	29,900	1910	.74	.88	1.00	8.5	28,900	2110	.75	.90	1.00	8.1	27,800	2350	.76	.92	1.00
	470	1000	9.0	30,600	1910	.76	.91	1.00	8.7	29,600	2110	.77	.93	1.00	8.4	28,500	2360	.79	.95	1.00
67°F (19.4°C)	380	800	9.1	31,000	1910	.57	.69	.81	8.8	29,900	2120	.57	.70	.83	8.4	28,800	2370	.58	.71	.84
	425	900	9.3	31,800	1920	.58	.71	.85	9.0	30,700	2120	.59	.73	.86	8.6	29,500	2370	.60	.74	.88
	470	1000	9.5	32,500	1920	.59	.74	.88	9.2	31,300	2130	.60	.75	.90	8.8	30,100	2380	.61	.76	.91
71°F (21.7°C)	380	800	9.6	32,700	1930	.43	.55	.67	9.3	31,600	2130	.43	.56	.68	8.9	30,400	2390	.44	.56	.69
	425	900	9.8	33,600	1930	.44	.57	.69	9.5	32,400	2140	.44	.57	.70	9.1	31,200	2400	.44	.58	.71
	470	1000	10.1	34,300	1940	.44	.58	.71	9.7	33,100	2150	.45	.59	.72	9.3	31,800	2400	.45	.60	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH CB19-26 OR CBH19-26 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	355	750	8.4	28,700	1920	.71	.85	.97	8.1	27,600	2120	.72	.86	.98	7.8	26,600	2370	.74	.88	1.00
	425	900	8.7	29,800	1930	.75	.90	1.00	8.4	28,800	2130	.76	.92	1.00	8.1	27,700	2380	.78	.93	1.00
	495	1050	9.0	30,800	1940	.79	.95	1.00	8.7	29,700	2140	.80	.96	1.00	8.4	28,500	2390	.82	.98	1.00
67°F (19.4°C)	355	750	8.9	30,400	1930	.57	.69	.81	8.6	29,300	2140	.57	.70	.82	8.3	28,200	2390	.58	.71	.84
	425	900	9.3	31,600	1940	.59	.73	.86	8.9	30,500	2150	.59	.74	.88	8.6	29,300	2400	.60	.75	.90
	495	1050	9.5	32,500	1950	.61	.76	.91	9.2	31,400	2160	.62	.78	.93	8.8	30,100	2410	.63	.79	.95
71°F (21.7°C)	355	750	9.4	32,000	1950	.43	.55	.66	9.1	31,000	2150	.43	.55	.67	8.7	29,800	2410	.43	.56	.68
	425	900	9.8	33,300	1960	.44	.57	.70	9.4	32,200	2160	.44	.58	.71	9.1	30,900	2420	.44	.59	.73
	495	1050	10.1	34,300	1960	.45	.60	.74	9.7	33,100	2170	.45	.60	.75	9.3	31,800	2440	.45	.61	.77

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-311V WITH C16-28FF, C16-28WFF, C16-31FF, C16-31WFF, CR16-31FF OR CH16-31FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	415	875	8.6	29,500	1900	.72	.86	.99	8.3	28,400	2100	.73	.88	1.00	8.0	27,300	2350	.74	.90	1.00
	470	1000	8.9	30,200	1910	.75	.90	1.00	8.6	29,200	2110	.76	.92	1.00	8.2	28,100	2360	.77	.94	1.00
	530	1125	9.1	31,000	1910	.77	.94	1.00	8.8	29,900	2120	.79	.95	1.00	8.4	28,800	2360	.80	.97	1.00
67°F (19.4°C)	415	875	9.1	31,200	1920	.57	.70	.82	8.9	30,200	2120	.58	.71	.84	8.5	29,100	2370	.58	.72	.86
	470	1000	9.4	32,100	1920	.59	.72	.86	9.1	31,000	2130	.59	.73	.88	8.7	29,800	2380	.60	.75	.90
	530	1125	9.6	32,800	1930	.60	.75	.90	9.3	31,600	2130	.61	.76	.92	8.9	30,400	2390	.62	.78	.94
71°F (21.7°C)	415	875	9.7	33,000	1930	.43	.55	.67	9.3	31,900	2130	.43	.56	.68	9.0	30,700	2390	.44	.57	.69
	470	1000	9.9	33,900	1940	.44	.57	.70	9.6	32,700	2140	.44	.58	.71	9.2	31,500	2400	.44	.59	.72
	530	1125	10.1	34,600	1940	.44	.59	.72	9.8	33,400	2150	.45	.60	.74	9.4	32,200	2410	.45	.60	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH CB18-31 OR CBS18-31 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	415	875	8.8	30,000	1910	.73	.86	.98	8.5	29,000	2110	.74	.88	1.00	8.2	27,900	2360	.75	.90	1.00
	470	1000	9.1	30,900	1910	.75	.90	1.00	8.7	29,800	2110	.77	.92	1.00	8.4	28,800	2370	.78	.93	1.00
	530	1125	9.3	31,700	1920	.78	.94	1.00	9.0	30,700	2120	.79	.95	1.00	8.6	29,500	2370	.81	.97	1.00
67°F (19.4°C)	415	875	9.3	31,900	1920	.57	.70	.83	9.0	30,800	2120	.58	.71	.84	8.7	29,700	2380	.59	.72	.86
	470	1000	9.6	32,800	1930	.59	.73	.87	9.3	31,600	2130	.60	.74	.88	8.9	30,500	2390	.60	.75	.90
	530	1125	9.8	33,500	1930	.61	.75	.90	9.5	32,300	2140	.61	.77	.92	9.1	31,100	2390	.62	.78	.94
71°F (21.7°C)	415	875	9.9	33,700	1930	.43	.56	.68	9.5	32,500	2140	.44	.56	.69	9.2	31,300	2400	.44	.57	.70
	470	1000	10.1	34,600	1940	.44	.57	.70	9.8	33,400	2150	.44	.58	.71	9.4	32,200	2410	.45	.59	.73
	530	1125	10.4	35,400	1950	.45	.59	.73	10.0	34,100	2160	.45	.60	.74	9.6	32,800	2420	.45	.61	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH CVP10-31/EC10Q3 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	415	875	8.8	30,000	1910	.74	.88	.99	8.5	29,000	2110	.75	.89	1.00	8.2	27,900	2360	.76	.91	1.00
	470	1000	9.1	30,900	1920	.77	.92	1.00	8.7	29,700	2120	.78	.93	1.00	8.4	28,600	2370	.79	.95	1.00
	530	1125	9.2	31,500	1920	.79	.95	1.00	8.9	30,400	2120	.81	.97	1.00	8.6	29,200	2370	.82	.98	1.00
67°F (19.4°C)	415	875	9.4	32,000	1920	.58	.71	.84	9.1	30,900	2130	.59	.73	.86	8.7	29,800	2380	.60	.74	.87
	470	1000	9.6	32,900	1930	.60	.74	.88	9.3	31,700	2140	.61	.75	.90	8.9	30,500	2390	.61	.77	.92
	530	1125	9.8	33,600	1940	.61	.77	.92	9.5	32,300	2140	.62	.78	.94	9.1	31,100	2400	.64	.80	.96
71°F (21.7°C)	415	875	9.9	33,900	1940	.44	.57	.69	9.6	32,700	2150	.44	.57	.70	9.2	31,500	2410	.44	.58	.71
	470	1000	10.2	34,800	1950	.44	.58	.72	9.8	33,600	2160	.45	.59	.73	9.5	32,300	2410	.45	.60	.74
	530	1125	10.4	35,600	1950	.45	.60	.74	10.1	34,300	2160	.46	.61	.76	9.7	33,000	2420	.46	.62	.77

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH C16-41FF, C16-41WFF, CR16-41FF OR CH16-41FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	415	875	8.9	30,200	1910	.73	.87	.99	8.5	29,100	2110	.74	.88	1.00	8.2	28,000	2360	.75	.90	1.00
	470	1000	9.1	31,000	1920	.76	.91	1.00	8.8	30,000	2120	.77	.92	1.00	8.5	28,900	2370	.78	.94	1.00
	530	1125	9.3	31,800	1920	.78	.94	1.00	9.0	30,700	2120	.80	.96	1.00	8.6	29,400	2370	.81	.98	1.00
67°F (19.4°C)	415	875	9.4	32,000	1920	.58	.70	.83	9.1	31,000	2120	.58	.71	.85	8.7	29,800	2380	.59	.73	.86
	470	1000	9.7	33,000	1930	.59	.73	.87	9.3	31,800	2130	.60	.74	.89	9.0	30,600	2390	.61	.76	.91
	530	1125	9.9	33,700	1930	.61	.76	.91	9.5	32,500	2140	.62	.77	.93	9.1	31,200	2400	.63	.79	.95
71°F (21.7°C)	415	875	9.9	33,800	1930	.44	.56	.68	9.6	32,700	2140	.44	.57	.69	9.2	31,500	2400	.44	.57	.70
	470	1000	10.2	34,800	1940	.44	.58	.71	9.8	33,600	2150	.44	.58	.72	9.5	32,300	2410	.45	.59	.73
	530	1125	10.4	35,500	1950	.45	.59	.73	10.1	34,300	2160	.45	.60	.75	9.7	33,000	2420	.46	.61	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-311V WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
	k/W Btuh		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb						Dry Bulb						Dry Bulb				
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	415	875	8.9	30,300	1910	.73	.87	.99	8.6	29,200	2110	.74	.88	1.00	8.2	28,100	2360	.75	.90	1.00
	470	1000	9.1	31,200	1920	.76	.91	1.00	8.8	30,100	2120	.77	.92	1.00	8.5	29,000	2370	.78	.94	1.00
	530	1125	9.4	32,000	1920	.78	.94	1.00	9.1	30,900	2120	.80	.96	1.00	8.6	29,500	2370	.81	.98	1.00
67°F (19.4°C)	415	875	9.4	32,200	1920	.58	.70	.83	9.1	31,100	2130	.58	.71	.85	8.8	29,900	2380	.59	.73	.86
	470	1000	9.7	33,100	1930	.59	.73	.87	9.3	31,900	2130	.60	.74	.89	9.0	30,700	2390	.61	.76	.91
	530	1125	9.9	33,800	1930	.61	.76	.91	9.6	32,600	2140	.62	.77	.92	9.2	31,300	2400	.62	.79	.94
71°F (21.7°C)	415	875	10.0	34,000	1940	.43	.56	.68	9.6	32,800	2140	.44	.57	.69	9.3	31,600	2400	.44	.57	.70
	470	1000	10.2	34,900	1940	.44	.58	.71	9.9	33,700	2150	.44	.58	.72	9.5	32,400	2410	.45	.59	.73
	530	1125	10.5	35,700	1950	.45	.59	.73	10.1	34,400	2160	.45	.60	.75	9.7	33,100	2420	.46	.61	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH CVP10-41/EC10Q3 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
	k/W Btuh		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb						Dry Bulb						Dry Bulb				
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	415	875	9.0	30,600	1910	.74	.88	1.00	8.7	29,600	2110	.75	.90	1.00	8.3	28,400	2360	.77	.92	1.00
	470	1000	9.2	31,400	1920	.77	.92	1.00	8.9	30,300	2120	.78	.94	1.00	8.5	29,100	2370	.80	.96	1.00
	530	1125	9.4	32,100	1930	.80	.96	1.00	9.1	31,100	2130	.81	.97	1.00	8.8	29,900	2380	.83	.99	1.00
67°F (19.4°C)	415	875	9.6	32,600	1930	.59	.72	.84	9.2	31,500	2130	.59	.73	.86	8.9	30,300	2390	.60	.74	.88
	470	1000	9.8	33,500	1930	.60	.75	.89	9.5	32,300	2140	.61	.76	.90	9.1	31,000	2400	.62	.77	.92
	530	1125	10.0	34,200	1940	.62	.77	.92	9.7	33,000	2150	.63	.79	.94	9.3	31,600	2410	.64	.80	.96
71°F (21.7°C)	415	875	10.1	34,600	1940	.44	.57	.69	9.8	33,300	2150	.44	.57	.70	9.4	32,100	2410	.44	.58	.71
	470	1000	10.4	35,500	1950	.45	.59	.72	10.0	34,200	2160	.45	.59	.73	9.6	32,900	2420	.45	.60	.75
	530	1125	10.6	36,200	1960	.45	.60	.75	10.2	34,900	2170	.45	.61	.76	9.8	33,600	2430	.46	.62	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-311V WITH CB19-31 OR CBH19-31 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
	k/W Btuh		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb						Dry Bulb						Dry Bulb				
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	415	875	8.9	30,500	1930	.75	.89	1.00	8.6	29,500	2140	.76	.91	1.00	8.3	28,400	2390	.77	.92	1.00
	470	1000	9.2	31,500	1940	.78	.93	1.00	8.9	30,400	2150	.79	.95	1.00	8.6	29,200	2400	.81	.97	1.00
	530	1125	9.4	32,200	1950	.81	.97	1.00	9.1	31,200	2150	.82	.98	1.00	8.8	30,000	2410	.84	1.00	1.00
67°F (19.4°C)	415	875	9.5	32,300	1950	.58	.72	.86	9.1	31,200	2150	.59	.73	.87	8.8	30,000	2410	.60	.74	.89
	470	1000	9.7	33,200	1950	.60	.75	.90	9.4	32,000	2160	.61	.77	.92	9.0	30,700	2420	.62	.78	.94
	530	1125	9.9	33,900	1960	.62	.78	.94	9.6	32,700	2170	.63	.80	.96	9.2	31,400	2430	.64	.82	.97
71°F (21.7°C)	415	875	10.0	34,100	1960	.44	.57	.69	9.6	32,900	2170	.44	.57	.71	9.3	31,700	2430	.44	.58	.72
	470	1000	10.3	35,000	1970	.44	.59	.73	9.9	33,800	2180	.45	.60	.74	9.5	32,500	2440	.45	.61	.76
	530	1125	10.5	35,800	1970	.45	.61	.76	10.1	34,500	2190	.46	.62	.78	9.7	33,100	2450	.46	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH C16-28FF, C16-28WFF, C16-31FF, C16-31WFF, CR16-31FF OR CH16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
	k/W Btuh		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb						Dry Bulb						Dry Bulb				
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	380	800	9.3	31,600	2280	.69	.80	.91	9.0	30,600	2530	.69	.81	.93	8.7	29,600	2830	.70	.82	.94
	495	1050	9.9	33,700	2310	.73	.86	.98	9.6	32,600	2550	.74	.88	.99	9.2	31,400	2860	.75	.89	1.00
	615	1300	10.3	35,100	2330	.77	.92	1.00	10.0	34,000	2570	.78	.94	1.00	9.6	32,700	2880	.79	.96	1.00
67°F (19.4°C)	380	800	9.7	33,000	2300	.55	.66	.77	9.4	32,000	2540	.56	.67	.78	9.1	30,900	2850	.56	.68	.79
	495	1050	10.3	35,300	2330	.57	.70	.83	10.0	34,100	2580	.58	.71	.84	9.7	33,000	2880	.59	.72	.86
	615	1300	10.8	36,800	2350	.60	.74	.89	10.4	35,600	2600	.61	.76	.90	10.1	34,400	2910	.61	.77	.92
71°F (21.7°C)	380	800	10.1	34,400	2320	.42	.53	.63	9.8	33,300	2570	.42	.54	.64	9.5	32,300	2870	.43	.54	.65
	495	1050	10.8	36,700	2350	.43	.56	.68	10.4	35,600	2600	.43	.56	.69	10.1	34,400	2910	.43	.57	.70
	615	1300	11.3	38,400	2380	.45	.59	.72	10.9	37,200	2630	.45	.59	.73	10.6	36,000	2950	.45	.60	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-411V WITH CB18-31 OR CBS18-31 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	450	950	10.0	34,200	2330	.71	.84	.96	9.7	33,000	2580	.72	.85	.98	9.3	31,800	2880	.73	.87	.99
	565	1200	10.5	35,800	2350	.76	.91	1.00	10.1	34,600	2600	.77	.92	1.00	9.8	33,400	2910	.78	.94	1.00
	685	1450	10.9	37,200	2370	.80	.96	1.00	10.6	36,100	2620	.81	.97	1.00	10.1	34,600	2930	.83	.99	1.00
67°F (19.4°C)	450	950	10.6	36,200	2360	.57	.69	.81	10.3	35,000	2610	.57	.70	.82	9.9	33,700	2910	.58	.71	.83
	565	1200	11.1	37,900	2380	.59	.73	.87	10.8	36,700	2630	.60	.74	.89	10.4	35,400	2950	.61	.76	.90
	685	1450	11.5	39,200	2400	.62	.77	.93	11.1	37,900	2660	.63	.79	.94	10.7	36,500	2970	.64	.80	.96
71°F (21.7°C)	450	950	11.2	38,100	2390	.43	.55	.66	10.8	36,900	2640	.43	.55	.67	10.5	35,700	2950	.44	.56	.68
	565	1200	11.7	40,000	2410	.44	.58	.71	11.3	38,700	2670	.45	.58	.72	11.0	37,400	2990	.45	.59	.73
	685	1450	12.1	41,400	2430	.45	.60	.75	11.8	40,100	2690	.46	.61	.76	11.3	38,700	3020	.46	.62	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH CR16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	450	950	10.0	34,100	2330	.72	.84	.96	9.7	33,000	2580	.73	.85	.97	9.3	31,800	2880	.74	.87	.99
	565	1200	10.5	35,800	2350	.76	.90	1.00	10.2	34,700	2600	.77	.91	1.00	9.8	33,400	2910	.78	.93	1.00
	685	1450	10.8	36,900	2370	.80	.95	1.00	10.5	35,700	2620	.81	.97	1.00	10.1	34,400	2930	.83	.99	1.00
67°F (19.4°C)	450	950	10.6	36,100	2360	.57	.69	.81	10.3	35,000	2610	.58	.70	.82	9.9	33,800	2920	.58	.71	.83
	565	1200	11.1	38,000	2380	.60	.73	.86	10.8	36,700	2630	.60	.74	.88	10.4	35,500	2950	.61	.76	.90
	685	1450	11.5	39,200	2400	.62	.77	.92	11.1	38,000	2660	.63	.79	.94	10.8	36,700	2970	.64	.80	.96
71°F (21.7°C)	450	950	11.2	38,200	2390	.43	.56	.67	10.8	37,000	2640	.43	.56	.68	10.5	35,800	2960	.43	.57	.69
	565	1200	11.8	40,100	2410	.44	.58	.71	11.4	38,900	2670	.45	.59	.72	11.0	37,600	2990	.45	.60	.73
	685	1450	12.2	41,500	2430	.46	.61	.75	11.8	40,200	2690	.46	.62	.76	11.4	38,900	3020	.46	.63	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH C16-41FF, CR16-41FF OR CH16-41FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	450	950	10.1	34,400	2340	.72	.85	.97	9.8	33,300	2580	.73	.86	.98	9.4	32,000	2890	.74	.88	.99
	565	1200	10.6	36,000	2360	.77	.91	1.00	10.2	34,900	2610	.78	.93	1.00	9.8	33,600	2910	.79	.95	1.00
	685	1450	11.0	37,400	2380	.81	.97	1.00	10.6	36,100	2630	.82	.98	1.00	10.2	34,900	2940	.84	.99	1.00
67°F (19.4°C)	450	950	10.7	36,400	2360	.57	.70	.81	10.3	35,300	2610	.58	.70	.83	10.0	34,000	2920	.58	.72	.84
	565	1200	11.2	38,200	2390	.60	.74	.88	10.8	36,900	2640	.61	.75	.90	10.4	35,600	2950	.61	.77	.91
	685	1450	11.6	39,500	2410	.63	.79	.94	11.2	38,200	2660	.63	.80	.95	10.8	36,800	2980	.64	.82	.97
71°F (21.7°C)	450	950	11.3	38,400	2390	.44	.56	.67	10.9	37,200	2640	.44	.56	.68	10.6	36,000	2960	.44	.57	.69
	565	1200	11.8	40,300	2420	.45	.58	.72	11.4	39,000	2670	.45	.59	.73	11.0	37,700	3000	.45	.60	.74
	685	1450	12.2	41,700	2430	.46	.61	.76	11.8	40,400	2700	.46	.62	.78	11.4	39,000	3030	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	450	950	10.1	34,500	2330	.71	.84	.97	9.8	33,300	2580	.72	.86	.98	9.4	32,000	2880	.73	.88	.99
	565	1200	10.6	36,200	2360	.76	.91	1.00	10.3	35,000	2610	.77	.92	1.00	9.9	33,700	2910	.78	.94	1.00
	685	1450	11.0	37,600	2380	.80	.97	1.00	10.6	36,100	2630	.82	.98	1.00	10.2	34,900	2940	.84	.99	1.00
67°F (19.4°C)	450	950	10.7	36,500	2360	.57	.69	.81	10.3	35,300	2610	.57	.70	.82	10.0	34,000	2920	.58	.71	.84
	565	1200	11.2	38,300	2390	.59	.73	.88	10.8	37,000	2640	.60	.75	.89	10.5	35,700	2950	.61	.76	.91
	685	1450	11.6	39,600	2410	.62	.78	.93	11.2	38,200	2660	.63	.79	.95	10.8	36,800	2980	.64	.81	.97
71°F (21.7°C)	450	950	11.3	38,500	2390	.43	.55	.66	10.9	37,300	2640	.43	.56	.67	10.6	36,000	2960	.44	.56	.68
	565	1200	11.8	40,400	2420	.44	.58	.71	11.5	39,100	2680	.45	.59	.72	11.0	37,700	3000	.45	.59	.73
	685	1450	12.3	41,800	2440	.46	.61	.76	11.8	40,400	2700	.46	.62	.77	11.4	39,000	3030	.46	.63	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-411V WITH C16-46FF OR C16-46WFF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	450	950	10.2	34,900	2340	.72	.85	.97	9.9	33,700	2590	.73	.86	.98	9.5	32,500	2900	.74	.88	.99
	565	1200	10.7	36,600	2360	.76	.91	1.00	10.4	35,400	2610	.78	.93	1.00	10.0	34,100	2920	.79	.94	1.00
	685	1450	11.1	37,900	2380	.81	.97	1.00	10.7	36,600	2630	.82	.98	1.00	10.4	35,400	2950	.84	.99	1.00
67°F (19.4°C)	450	950	10.8	36,900	2370	.57	.69	.81	10.5	35,700	2620	.58	.70	.83	10.1	34,500	2930	.58	.71	.84
	565	1200	11.3	38,700	2390	.60	.74	.88	11.0	37,500	2650	.61	.75	.90	10.6	36,100	2960	.61	.76	.91
	685	1450	11.7	40,000	2410	.63	.79	.94	11.3	38,700	2670	.63	.80	.95	10.9	37,300	2990	.64	.82	.97
71°F (21.7°C)	450	950	11.4	38,900	2390	.44	.56	.67	11.0	37,700	2650	.44	.56	.68	10.7	36,400	2970	.44	.57	.69
	565	1200	12.0	40,800	2420	.45	.58	.72	11.6	39,500	2680	.45	.59	.73	11.2	38,200	3010	.45	.60	.74
	685	1450	12.4	42,300	2440	.46	.61	.76	12.0	40,900	2710	.46	.62	.78	11.6	39,500	3040	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH CB19-31 OR CBH19-31 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	400	850	10.1	34,300	2340	.71	.84	.96	9.7	33,200	2580	.72	.85	.97	9.3	31,900	2880	.73	.87	.98
	495	1050	10.6	36,000	2360	.76	.90	1.00	10.2	34,800	2610	.77	.91	1.00	9.8	33,500	2910	.78	.93	1.00
	590	1250	10.9	37,300	2380	.80	.95	1.00	10.6	36,000	2620	.81	.97	1.00	10.2	34,800	2930	.83	.98	1.00
67°F (19.4°C)	400	850	10.6	36,300	2360	.57	.69	.81	10.3	35,100	2610	.57	.70	.82	9.9	33,900	2920	.58	.71	.83
	495	1050	11.1	38,000	2380	.59	.73	.87	10.8	36,800	2640	.60	.74	.88	10.4	35,500	2950	.61	.76	.90
	590	1250	11.5	39,300	2400	.62	.78	.92	11.1	38,000	2660	.63	.79	.94	10.7	36,600	2970	.64	.80	.95
71°F (21.7°C)	400	850	11.2	38,300	2390	.43	.55	.66	10.8	37,000	2640	.43	.55	.67	10.5	35,800	2950	.44	.56	.68
	495	1050	11.8	40,100	2410	.44	.58	.71	11.4	38,800	2670	.44	.58	.72	11.0	37,500	2990	.45	.59	.73
	590	1250	12.2	41,500	2430	.45	.61	.75	11.8	40,200	2690	.46	.61	.76	11.4	38,800	3020	.46	.62	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH C16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	450	950	10.3	35,000	2340	.73	.86	.97	9.9	33,800	2590	.74	.87	.99	9.6	32,600	2900	.75	.89	1.00
	565	1200	10.8	36,800	2370	.77	.92	1.00	10.5	35,700	2620	.79	.94	1.00	10.1	34,300	2930	.80	.96	1.00
	685	1450	11.2	38,100	2390	.82	.98	1.00	10.8	37,000	2640	.84	.99	1.00	10.5	35,800	2950	.85	1.00	1.00
67°F (19.4°C)	450	950	10.8	37,000	2370	.58	.70	.82	10.5	35,800	2620	.58	.71	.84	10.1	34,600	2930	.59	.72	.85
	565	1200	11.4	38,800	2390	.61	.75	.89	11.0	37,500	2650	.61	.76	.91	10.6	36,200	2970	.62	.78	.92
	685	1450	11.8	40,100	2410	.63	.80	.95	11.4	38,800	2670	.64	.81	.96	10.9	37,300	2990	.65	.83	.98
71°F (21.7°C)	450	950	11.4	39,000	2400	.44	.56	.68	11.1	37,800	2650	.44	.56	.69	10.7	36,600	2970	.44	.57	.70
	565	1200	12.0	40,900	2420	.45	.59	.73	11.6	39,600	2680	.45	.60	.74	11.2	38,300	3010	.46	.61	.75
	685	1450	12.4	42,300	2450	.46	.62	.78	12.0	41,000	2710	.47	.63	.79	11.6	39,600	3040	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH CH20-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	566	1200	11.2	38,100	2410	.75	.89	1.00	10.8	37,000	2660	.76	.91	1.00	10.5	35,700	2980	.77	.92	1.00
	755	1600	11.8	40,100	2430	.82	.98	1.00	11.4	39,000	2690	.83	.99	1.00	11.0	37,500	3010	.84	1.00	1.00
	944	2000	12.3	41,800	2460	.87	1.00	1.00	11.9	40,600	2720	.88	1.00	1.00	11.5	39,400	3060	.90	1.00	1.00
67°F (19.4°C)	566	1200	11.8	40,400	2440	.59	.73	.86	11.4	39,000	2700	.59	.74	.87	11.0	37,600	3020	.60	.75	.89
	755	1600	12.3	42,100	2470	.63	.80	.95	12.0	40,900	2730	.64	.81	.96	11.6	39,600	3060	.64	.82	.98
	944	2000	12.8	43,600	2490	.68	.85	1.00	12.4	42,300	2760	.69	.87	1.00	12.0	40,800	3100	.69	.88	1.00
71°F (21.7°C)	566	1200	12.4	42,200	2470	.44	.58	.70	12.0	41,000	2730	.44	.58	.71	11.6	39,700	3070	.45	.59	.72
	755	1600	13.0	44,300	2500	.46	.62	.77	12.6	43,000	2770	.46	.62	.79	12.2	41,600	3110	.46	.63	.80
	944	2000	13.3	45,500	2520	.48	.68	.84	13.0	44,200	2790	.47	.68	.85	12.5	42,700	3140	.49	.69	.86

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-411V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	450	950	36,300	10.6	2360	.73	.87	.99	10.2	34,900	2610	.74	.89	1.00	9.9	33,700	2920	.76	.90	1.00
	565	1200	38,100	11.2	2390	.79	.94	1.00	10.8	36,900	2640	.80	.96	1.00	10.4	35,600	2950	.82	.98	1.00
	685	1450	39,800	11.7	2410	.84	1.00	1.00	11.3	38,400	2670	.86	1.00	1.00	10.9	37,300	2990	.88	1.00	1.00
67°F (19.4°C)	450	950	38,300	11.2	2390	.58	.71	.84	10.8	37,000	2640	.58	.72	.85	10.5	35,700	2950	.59	.73	.87
	565	1200	40,100	11.7	2410	.61	.77	.91	11.4	38,800	2670	.62	.78	.93	11.0	37,500	2990	.63	.79	.95
	685	1450	41,600	12.2	2430	.65	.82	.98	11.7	40,100	2690	.66	.84	.99	11.3	38,700	3020	.67	.85	1.00
71°F (21.7°C)	450	950	40,400	11.8	2420	.44	.56	.68	11.5	39,100	2670	.44	.57	.69	11.0	37,800	2990	.44	.57	.70
	565	1200	42,300	12.4	2450	.45	.60	.74	12.0	41,000	2710	.45	.61	.75	11.6	39,600	3040	.46	.61	.77
	685	1450	43,700	12.8	2470	.46	.64	.80	12.4	42,400	2740	.47	.64	.81	12.0	40,900	3070	.47	.65	.83

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-411V WITH CB21-51 OR CBH21-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	545	1150	10.9	37,100	2400	.77	.92	1.00	10.5	35,900	2650	.78	.93	1.00	10.1	34,500	2970	.79	.95	1.00
	615	1300	11.2	38,200	2410	.80	.96	1.00	10.8	36,800	2670	.81	.98	1.00	10.4	35,500	2990	.83	.99	1.00
	685	1450	11.5	39,100	2420	.83	.99	1.00	11.1	37,800	2690	.84	1.00	1.00	10.7	36,500	3020	.86	1.00	1.00
67°F (19.4°C)	545	1150	11.5	39,400	2430	.60	.74	.88	11.1	38,000	2690	.60	.75	.90	10.7	36,600	3020	.61	.77	.92
	615	1300	11.8	40,300	2440	.62	.77	.93	11.4	38,900	2710	.62	.79	.94	11.0	37,500	3040	.63	.80	.96
	685	1450	12.0	41,100	2450	.63	.81	.97	11.6	39,700	2730	.64	.82	.98	11.2	38,200	3060	.65	.84	1.00
71°F (21.7°C)	545	1150	12.2	41,500	2460	.44	.58	.72	11.8	40,200	2730	.45	.59	.73	11.3	38,700	3070	.45	.60	.74
	615	1300	12.5	42,500	2480	.45	.60	.75	12.0	41,100	2750	.45	.61	.76	11.6	39,700	3100	.46	.62	.78
	685	1450	12.7	43,300	2490	.46	.62	.78	12.3	41,900	2770	.46	.63	.80	11.8	40,400	3120	.47	.64	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	470	1000	11.0	37,600	2730	.70	.82	.94	10.6	36,300	3020	.71	.83	.95	10.3	35,000	3380	.71	.85	.97
	565	1200	11.5	39,200	2750	.73	.86	.98	11.1	37,800	3050	.74	.88	.99	10.6	36,300	3410	.75	.90	1.00
	660	1400	11.8	40,400	2770	.76	.91	1.00	11.4	39,000	3070	.77	.92	1.00	11.0	37,600	3430	.78	.94	1.00
67°F (19.4°C)	470	1000	11.7	39,800	2760	.56	.67	.78	11.3	38,500	3060	.56	.68	.80	10.9	37,100	3430	.57	.69	.81
	565	1200	12.2	41,500	2790	.57	.70	.83	11.8	40,100	3090	.58	.71	.84	11.3	38,700	3460	.59	.72	.86
	660	1400	12.5	42,800	2810	.59	.73	.87	12.1	41,400	3120	.60	.74	.89	11.7	39,800	3490	.61	.76	.91
71°F (21.7°C)	470	1000	12.3	42,000	2800	.43	.54	.64	11.9	40,700	3100	.43	.54	.65	11.5	39,300	3470	.43	.55	.66
	565	1200	12.8	43,800	2830	.43	.56	.68	12.4	42,400	3140	.44	.56	.69	12.0	40,900	3510	.44	.57	.70
	660	1400	13.2	45,200	2860	.44	.58	.71	12.8	43,700	3170	.45	.58	.72	12.3	42,100	3540	.45	.59	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH C16-41FF, C16-41WFF, CR16-41FF OR CH16-41FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	470	1000	11.1	37,900	2710	.70	.82	.94	10.7	36,600	3000	.70	.83	.95	10.3	35,200	3360	.72	.85	.97
	565	1200	11.6	39,500	2740	.73	.86	.98	11.2	38,100	3030	.74	.88	.99	10.7	36,600	3390	.75	.90	1.00
	660	1400	11.9	40,600	2760	.76	.91	1.00	11.5	39,200	3050	.77	.92	1.00	11.1	37,800	3410	.78	.94	1.00
67°F (19.4°C)	470	1000	11.8	40,100	2750	.56	.67	.78	11.4	38,800	3040	.56	.68	.80	11.0	37,400	3410	.57	.69	.81
	565	1200	12.3	41,800	2780	.58	.70	.83	11.8	40,300	3070	.58	.71	.84	11.4	38,900	3440	.59	.72	.86
	660	1400	12.6	43,100	2800	.59	.73	.87	12.2	41,600	3100	.60	.74	.89	11.8	40,100	3470	.61	.76	.91
71°F (21.7°C)	470	1000	12.4	42,300	2780	.43	.54	.65	12.0	40,900	3080	.43	.54	.65	11.6	39,500	3450	.43	.55	.66
	565	1200	12.9	44,100	2810	.44	.56	.68	12.5	42,600	3120	.44	.56	.69	12.0	41,100	3490	.44	.57	.70
	660	1400	13.3	45,500	2840	.44	.58	.71	12.9	43,900	3150	.45	.59	.72	12.4	42,300	3520	.45	.59	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-461V WITH C16-46FF, C16-46WFF OR CR16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	470	1000	11.3	38,400	2720	.70	.82	.93	10.9	37,100	3010	.70	.83	.95	10.5	35,700	3370	.71	.84	.97
	615	1300	11.9	40,700	2760	.74	.88	1.00	11.5	39,200	3050	.75	.90	1.00	11.1	37,800	3410	.77	.92	1.00
	755	1600	12.4	42,400	2790	.79	.95	1.00	12.0	41,000	3080	.80	.96	1.00	11.5	39,300	3450	.82	.98	1.00
67°F (19.4°C)	470	1000	11.9	40,700	2760	.56	.67	.78	11.5	39,400	3050	.56	.68	.79	11.1	38,000	3420	.57	.69	.81
	615	1300	12.6	43,100	2800	.58	.72	.85	12.2	41,700	3100	.59	.73	.87	11.8	40,100	3470	.60	.74	.88
	755	1600	13.1	44,800	2830	.61	.76	.91	12.7	43,200	3130	.62	.78	.93	12.2	41,600	3500	.63	.79	.95
71°F (21.7°C)	470	1000	12.6	42,900	2800	.43	.54	.64	12.2	41,600	3100	.43	.54	.65	11.8	40,100	3470	.43	.55	.66
	615	1300	13.3	45,500	2840	.44	.57	.69	12.9	44,000	3150	.44	.57	.70	12.4	42,400	3520	.44	.58	.71
	755	1600	13.9	47,300	2870	.45	.60	.74	13.4	45,700	3180	.45	.60	.75	12.9	44,000	3560	.46	.61	.77

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH CB19-41 OR CBH19-41 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	520	1100	11.6	39,600	2760	.72	.86	.98	11.2	38,200	3050	.73	.88	.99	10.8	36,800	3420	.74	.89	1.00
	615	1300	12.0	41,100	2780	.76	.91	1.00	11.6	39,600	3080	.77	.93	1.00	11.2	38,100	3450	.78	.94	1.00
	710	1500	12.4	42,200	2800	.79	.95	1.00	12.0	40,800	3100	.81	.97	1.00	11.5	39,400	3480	.83	.98	1.00
67°F (19.4°C)	520	1100	12.3	41,900	2800	.57	.70	.83	11.9	40,500	3100	.57	.71	.84	11.4	39,000	3470	.58	.72	.86
	615	1300	12.7	43,300	2820	.59	.73	.88	12.3	41,900	3120	.60	.74	.89	11.8	40,300	3500	.60	.76	.91
	710	1500	13.0	44,500	2840	.61	.77	.92	12.6	42,900	3150	.62	.78	.94	12.1	41,300	3520	.63	.80	.95
71°F (21.7°C)	520	1100	12.9	44,100	2840	.43	.55	.67	12.5	42,700	3140	.43	.56	.68	12.1	41,200	3520	.43	.56	.69
	615	1300	13.4	45,800	2860	.44	.58	.71	12.9	44,100	3170	.44	.58	.72	12.5	42,500	3550	.44	.59	.73
	710	1500	13.7	46,900	2890	.45	.60	.74	13.3	45,400	3200	.45	.61	.76	12.8	43,700	3580	.45	.62	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH CVP10-46/EC10Q4 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	520	1100	11.5	39,400	2730	.73	.86	.98	11.1	38,000	3020	.74	.87	.99	10.7	36,500	3380	.75	.89	1.00
	660	1400	12.1	41,300	2760	.77	.93	1.00	11.6	39,700	3060	.79	.94	1.00	11.2	38,200	3420	.80	.96	1.00
	800	1700	12.5	42,700	2780	.82	.98	1.00	12.1	41,200	3080	.84	.99	1.00	11.6	39,700	3450	.85	1.00	1.00
67°F (19.4°C)	520	1100	12.3	41,800	2770	.58	.70	.82	11.8	40,400	3070	.58	.71	.84	11.4	38,900	3430	.59	.72	.85
	660	1400	12.9	43,900	2810	.60	.75	.89	12.4	42,300	3110	.61	.76	.91	12.0	40,800	3480	.62	.78	.93
	800	1700	13.3	45,300	2830	.63	.80	.95	12.8	43,700	3130	.64	.81	.97	12.3	42,100	3510	.65	.83	.99
71°F (21.7°C)	520	1100	13.0	44,400	2810	.43	.56	.67	12.5	42,800	3120	.44	.56	.68	12.1	41,300	3490	.43	.57	.69
	660	1400	13.7	46,600	2850	.44	.59	.72	13.2	45,000	3160	.45	.60	.74	12.7	43,300	3540	.45	.61	.75
	800	1700	14.1	48,200	2880	.46	.62	.77	13.6	46,500	3190	.47	.63	.79	13.1	44,700	3570	.47	.64	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH C16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	520	1100	11.6	39,600	2740	.72	.85	.97	11.2	38,200	3030	.73	.86	.98	10.8	36,800	3400	.74	.88	1.00
	660	1400	12.2	41,700	2780	.76	.92	1.00	11.8	40,300	3070	.78	.93	1.00	11.4	38,900	3440	.79	.95	1.00
	800	1700	12.7	43,200	2800	.81	.97	1.00	12.3	41,800	3100	.83	.99	1.00	11.8	40,300	3470	.85	1.00	1.00
67°F (19.4°C)	520	1100	12.3	41,900	2780	.57	.69	.81	11.9	40,500	3080	.57	.70	.83	11.5	39,100	3440	.58	.71	.84
	660	1400	12.9	44,100	2810	.60	.74	.88	12.5	42,600	3120	.60	.75	.90	12.0	41,000	3490	.61	.77	.92
	800	1700	13.4	45,600	2840	.63	.79	.94	12.9	44,000	3150	.63	.80	.96	12.4	42,300	3520	.64	.82	.98
71°F (21.7°C)	520	1100	13.0	44,200	2820	.43	.55	.67	12.5	42,800	3120	.43	.56	.68	12.1	41,300	3500	.44	.56	.69
	660	1400	13.6	46,400	2860	.44	.58	.72	13.2	44,900	3170	.45	.59	.73	12.7	43,300	3540	.45	.60	.74
	800	1700	14.1	48,100	2890	.46	.61	.77	13.6	46,400	3200	.46	.62	.78	13.1	44,800	3580	.47	.63	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-461V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	520	1100	11.7	39,900	2760	.71	.85	.97	11.3	38,500	3060	.72	.86	.99	10.8	37,000	3420	.74	.88	1.00
	660	1400	12.3	42,000	2800	.76	.92	1.00	11.9	40,500	3100	.78	.94	1.00	11.4	38,900	3460	.79	.95	1.00
	800	1700	12.7	43,500	2830	.81	.98	1.00	12.3	41,900	3130	.83	.99	1.00	11.9	40,500	3500	.85	1.00	1.00
67°F (19.4°C)	520	1100	12.5	42,500	2810	.57	.69	.81	12.0	41,000	3110	.57	.70	.83	11.6	39,500	3480	.58	.71	.84
	660	1400	13.1	44,600	2840	.60	.74	.88	12.6	43,000	3150	.60	.75	.90	12.1	41,300	3520	.61	.77	.92
	800	1700	13.5	46,000	2870	.63	.79	.95	13.0	44,300	3180	.63	.81	.97	12.5	42,600	3560	.64	.82	.98
71°F (21.7°C)	520	1100	13.2	45,000	2850	.43	.55	.66	12.7	43,500	3160	.43	.55	.67	12.3	41,900	3540	.43	.56	.68
	660	1400	13.8	47,200	2890	.44	.58	.71	13.4	45,600	3210	.45	.59	.73	12.9	43,900	3590	.45	.60	.74
	800	1700	14.3	48,700	2930	.46	.61	.77	13.8	47,100	3240	.46	.62	.78	13.3	45,300	3630	.46	.63	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH CB21-41 OR CBH21-41 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	900	425	11.5	39,200	2700	.69	.81	.92	11.1	37,800	2990	.70	.82	.94	10.7	36,400	3350	.71	.84	.95
	1100	520	12.0	41,100	2730	.73	.86	.98	11.6	39,600	3030	.74	.88	.99	11.2	38,100	3390	.75	.89	1.00
	1300	615	12.5	42,500	2760	.76	.91	1.00	12.0	41,000	3050	.77	.93	1.00	11.6	39,500	3420	.79	.94	1.00
67°F (19.4°C)	900	425	12.1	41,400	2740	.56	.67	.78	11.7	40,000	3030	.56	.68	.79	11.3	38,500	3390	.57	.68	.80
	1100	520	12.7	43,500	2770	.58	.70	.83	12.3	41,900	3070	.58	.71	.84	11.8	40,400	3440	.59	.72	.86
	1300	615	13.2	45,000	2800	.59	.74	.88	12.7	43,500	3100	.60	.75	.89	12.2	41,700	3470	.61	.76	.91
71°F (21.7°C)	900	425	12.7	43,600	2770	.43	.54	.64	12.3	42,100	3070	.43	.54	.65	11.9	40,600	3440	.43	.55	.66
	1100	520	13.4	45,800	2810	.43	.56	.68	13.0	44,200	3120	.44	.56	.69	12.5	42,600	3490	.44	.57	.70
	1300	615	13.8	47,400	2840	.44	.58	.71	13.4	45,800	3150	.44	.59	.73	12.9	44,100	3530	.45	.60	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH CH20-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	566	1200	12.3	42,100	2750	.72	.85	.97	11.9	40,700	3050	.73	.86	.99	11.5	39,300	3410	.74	.88	1.00
	755	1600	13.0	44,500	2790	.78	.93	1.00	12.6	43,000	3090	.79	.94	1.00	12.2	41,600	3460	.80	.96	1.00
	944	2000	13.5	46,100	2820	.84	.99	1.00	13.0	44,400	3120	.85	1.00	1.00	12.6	42,900	3490	.86	1.00	1.00
67°F (19.4°C)	566	1200	13.0	44,400	2790	.57	.70	.82	12.6	43,000	3090	.58	.71	.83	12.2	41,500	3460	.58	.72	.84
	755	1600	13.7	46,800	2830	.60	.75	.89	13.3	45,300	3130	.61	.76	.91	12.8	43,600	3510	.62	.78	.93
	944	2000	14.2	48,500	2860	.64	.82	.97	13.7	46,800	3170	.64	.83	.98	13.2	45,200	3550	.65	.84	.99
71°F (21.7°C)	566	1200	13.6	46,500	2830	.44	.56	.67	13.2	45,000	3130	.44	.56	.68	12.7	43,500	3510	.44	.57	.69
	755	1600	14.4	49,100	2870	.45	.59	.73	14.0	47,600	3190	.45	.60	.74	13.5	45,900	3570	.46	.61	.75
	944	2000	14.9	50,800	2910	.46	.62	.78	14.4	49,200	3220	.46	.63	.81	13.9	47,400	3600	.47	.64	.82

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-461V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	520	1100	12.0	40,900	2780	.72	.86	.98	11.6	39,600	3080	.73	.87	1.00	11.2	38,100	3450	.74	.89	1.00
	660	1400	12.7	43,300	2820	.77	.94	1.00	12.3	41,800	3120	.79	.95	1.00	11.8	40,200	3500	.80	.97	1.00
	800	1700	13.2	45,100	2850	.83	1.00	1.00	12.8	43,700	3160	.85	1.00	1.00	12.4	42,200	3540	.87	1.00	1.00
67°F (19.4°C)	520	1100	12.7	43,400	2820	.57	.69	.82	12.3	41,900	3130	.57	.70	.84	11.8	40,400	3500	.58	.71	.85
	660	1400	13.4	45,600	2860	.60	.75	.90	12.9	44,000	3170	.61	.76	.92	12.4	42,400	3550	.62	.78	.94
	800	1700	13.8	47,200	2890	.63	.81	.97	13.3	45,500	3200	.64	.82	.99	12.8	43,700	3580	.65	.84	1.00
71°F (21.7°C)	520	1100	13.4	45,800	2870	.43	.55	.67	13.0	44,200	3170	.43	.56	.68	12.5	42,700	3550	.43	.56	.69
	660	1400	14.1	48,000	2910	.44	.59	.73	13.6	46,400	3220	.44	.59	.74	13.1	44,700	3610	.45	.60	.75
	800	1700	14.5	49,600	2940	.46	.62	.78	14.1	48,000	3260	.46	.63	.80	13.5	46,200	3650	.46	.64	.82

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-461V WITH CB21-51 OR CBH21-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	685	1450	13.0	44,200	2810	.78	.94	1.00	12.5	42,700	3110	.80	.96	1.00	12.0	41,000	3490	.81	.98	1.00
	755	1600	13.2	45,100	2820	.81	.97	1.00	12.8	43,600	3130	.82	.99	1.00	12.3	42,000	3510	.84	1.00	1.00
	825	1750	13.5	46,100	2840	.84	1.00	1.00	13.0	44,500	3150	.85	1.00	1.00	12.6	43,000	3530	.87	1.00	1.00
67°F (19.4°C)	685	1450	13.7	46,900	2850	.61	.76	.91	13.2	45,100	3160	.62	.77	.93	12.7	43,500	3540	.62	.79	.94
	755	1600	14.0	47,700	2870	.62	.79	.94	13.5	46,000	3180	.63	.80	.96	13.0	44,200	3570	.64	.82	.98
	825	1750	14.2	48,400	2880	.64	.81	.97	13.7	46,700	3200	.65	.83	.99	13.1	44,800	3580	.66	.85	1.00
71°F (21.7°C)	685	1450	14.5	49,400	2900	.45	.59	.74	14.0	47,700	3220	.45	.60	.75	13.5	45,900	3610	.45	.61	.76
	755	1600	14.7	50,300	2920	.45	.61	.76	14.2	48,500	3240	.46	.62	.78	13.7	46,600	3630	.46	.63	.79
	825	1750	14.9	51,000	2930	.46	.63	.79	14.4	49,200	3250	.47	.64	.81	13.9	47,300	3650	.47	.65	.83

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CR16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	12.6	42,900	3190	.66	.81	.96	12.2	41,500	3580	.67	.83	.98	11.7	39,900	4050	.68	.85	1.00
	755	1600	12.9	44,100	3200	.69	.85	1.00	12.5	42,600	3580	.70	.87	1.00	12.0	41,000	4050	.71	.89	1.00
	850	1800	13.2	45,100	3200	.72	.88	1.00	12.7	43,500	3580	.73	.90	1.00	12.3	42,100	4060	.75	.92	1.00
67°F (19.4°C)	660	1400	13.3	45,500	3210	.52	.65	.79	12.9	44,000	3590	.52	.66	.80	12.5	42,500	4060	.53	.67	.82
	755	1600	13.7	46,800	3210	.53	.67	.83	13.3	45,300	3590	.54	.68	.85	12.8	43,600	4070	.54	.70	.86
	850	1800	14.0	47,900	3220	.55	.69	.88	13.6	46,300	3600	.56	.71	.89	13.1	44,700	4070	.56	.72	.91
71°F (21.7°C)	660	1400	14.1	48,100	3220	.38	.52	.64	13.7	46,600	3600	.39	.53	.65	13.2	45,000	4080	.39	.54	.66
	755	1600	14.5	49,400	3230	.39	.54	.67	14.0	47,900	3610	.39	.54	.68	13.6	46,300	4080	.39	.55	.69
	850	1800	14.8	50,600	3240	.40	.55	.70	14.3	48,900	3620	.40	.56	.71	13.9	47,300	4090	.40	.56	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH C16-46FF OR C16-46WFF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	12.7	43,300	3200	.67	.83	.97	12.2	41,700	3580	.68	.84	.99	11.8	40,200	4040	.69	.86	1.00
	755	1600	13.0	44,400	3200	.70	.87	1.00	12.5	42,800	3580	.71	.89	1.00	12.1	41,200	4050	.72	.91	1.00
	850	1800	13.3	45,400	3210	.73	.91	1.00	12.9	43,900	3590	.74	.92	1.00	12.4	42,300	4060	.76	.94	1.00
67°F (19.4°C)	660	1400	13.4	45,800	3210	.52	.66	.80	13.0	44,300	3590	.53	.67	.81	12.5	42,700	4060	.53	.68	.83
	755	1600	13.8	47,100	3210	.54	.68	.84	13.3	45,500	3590	.55	.69	.86	12.8	43,800	4070	.55	.70	.88
	850	1800	14.1	48,200	3220	.56	.71	.89	13.6	46,500	3600	.56	.72	.90	13.1	44,800	4080	.57	.73	.92
71°F (21.7°C)	660	1400	14.2	48,300	3220	.39	.53	.65	13.7	46,800	3600	.39	.53	.66	13.2	45,100	4080	.39	.54	.67
	755	1600	14.6	49,700	3240	.40	.54	.68	14.1	48,000	3620	.40	.55	.69	13.6	46,400	4090	.40	.55	.70
	850	1800	14.9	50,900	3260	.40	.55	.71	14.4	49,200	3630	.40	.56	.72	13.9	47,400	4100	.41	.57	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH C16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.0	44,200	3200	.67	.84	.99	12.5	42,700	3580	.68	.85	1.00	12.0	41,100	4040	.69	.87	1.00
	755	1600	13.3	45,400	3210	.70	.88	1.00	12.9	43,900	3590	.72	.90	1.00	12.4	42,300	4060	.73	.92	1.00
	850	1800	13.7	46,600	3210	.74	.92	1.00	13.2	45,100	3590	.75	.93	1.00	12.7	43,200	4060	.77	.96	1.00
67°F (19.4°C)	660	1400	13.7	46,800	3210	.53	.66	.81	13.3	45,300	3590	.53	.67	.82	12.8	43,600	4060	.54	.68	.84
	755	1600	14.1	48,100	3220	.55	.69	.85	13.6	46,500	3600	.55	.70	.87	13.1	44,800	4070	.56	.71	.89
	850	1800	14.4	49,200	3230	.56	.72	.90	13.9	47,500	3600	.57	.73	.92	13.4	45,800	4080	.58	.75	.94
71°F (21.7°C)	660	1400	14.4	49,300	3230	.39	.53	.66	14.0	47,700	3610	.40	.53	.67	13.5	46,100	4080	.40	.54	.68
	755	1600	14.9	50,700	3250	.40	.54	.69	14.4	49,100	3620	.40	.55	.69	13.9	47,300	4090	.40	.56	.71
	850	1800	15.2	51,900	3260	.41	.56	.71	14.7	50,100	3640	.41	.57	.73	14.2	48,300	4110	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-511V WITH CR16-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	660	1400	13.0	44,300	3200	.67	.83	.98	12.5	42,800	3580	.68	.85	1.00	12.1	41,200	4040	.69	.87	1.00
	755	1600	13.3	45,500	3210	.70	.87	1.00	12.9	44,000	3590	.71	.89	1.00	12.4	42,300	4050	.73	.91	1.00
	850	1800	13.7	46,600	3210	.74	.91	1.00	13.2	45,100	3590	.75	.93	1.00	12.7	43,300	4060	.76	.95	1.00
67°F (19.4°C)	660	1400	13.8	47,000	3210	.53	.66	.81	13.3	45,500	3590	.53	.67	.82	12.9	43,900	4070	.54	.68	.83
	755	1600	14.2	48,400	3220	.54	.68	.85	13.7	46,700	3600	.55	.70	.87	13.2	45,100	4080	.56	.71	.88
	850	1800	14.5	49,500	3230	.56	.71	.89	14.0	47,800	3610	.57	.72	.91	13.5	46,000	4080	.57	.74	.93
71°F (21.7°C)	660	1400	14.6	49,700	3230	.39	.53	.66	14.1	48,100	3610	.39	.54	.67	13.6	46,500	4090	.40	.54	.67
	755	1600	15.0	51,100	3250	.40	.54	.68	14.5	49,400	3630	.40	.55	.69	14.0	47,700	4100	.40	.56	.70
	850	1800	15.3	52,300	3270	.40	.56	.71	14.8	50,500	3640	.41	.57	.72	14.3	48,800	4110	.41	.57	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CVP10-51/EC10Q4 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	660	1400	12.9	44,100	3200	.68	.84	.99	12.5	42,600	3580	.69	.85	1.00	12.0	41,100	4040	.70	.88	1.00
	755	1600	13.3	45,400	3210	.71	.88	1.00	12.9	44,000	3590	.72	.90	1.00	12.4	42,300	4060	.73	.92	1.00
	850	1800	13.6	46,400	3210	.74	.92	1.00	13.1	44,800	3590	.75	.94	1.00	12.7	43,200	4060	.77	.97	1.00
67°F (19.4°C)	660	1400	13.7	46,900	3210	.53	.66	.81	13.3	45,400	3590	.54	.67	.82	12.9	43,900	4070	.54	.68	.84
	755	1600	14.1	48,200	3220	.55	.69	.86	13.7	46,600	3600	.55	.70	.87	13.2	45,000	4080	.56	.71	.89
	850	1800	14.5	49,400	3230	.56	.71	.90	14.0	47,700	3610	.57	.73	.92	13.5	45,900	4090	.58	.75	.94
71°F (21.7°C)	660	1400	14.6	49,900	3240	.39	.53	.66	14.2	48,300	3620	.40	.54	.67	13.7	46,600	4090	.40	.54	.68
	755	1600	15.0	51,200	3260	.40	.55	.69	14.5	49,500	3640	.40	.55	.70	14.0	47,800	4110	.41	.56	.71
	850	1800	15.3	52,200	3280	.41	.56	.72	14.8	50,500	3650	.41	.57	.73	14.3	48,800	4120	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH C16-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	660	1400	13.1	44,700	3200	.68	.84	.99	12.7	43,200	3580	.69	.86	1.00	12.2	41,600	4040	.70	.88	1.00
	755	1600	13.5	46,000	3210	.71	.88	1.00	13.0	44,500	3590	.72	.90	1.00	12.6	42,900	4060	.73	.92	1.00
	850	1800	13.8	47,200	3210	.74	.92	1.00	13.4	45,800	3590	.75	.94	1.00	12.8	43,800	4070	.77	.96	1.00
67°F (19.4°C)	660	1400	13.9	47,400	3210	.53	.66	.81	13.4	45,800	3590	.54	.67	.82	13.0	44,200	4070	.54	.68	.84
	755	1600	14.3	48,700	3220	.55	.69	.86	13.8	47,100	3600	.55	.70	.87	13.3	45,400	4080	.56	.72	.89
	850	1800	14.6	49,800	3230	.56	.72	.90	14.1	48,100	3610	.57	.73	.92	13.6	46,400	4090	.58	.75	.94
71°F (21.7°C)	660	1400	14.7	50,000	3230	.39	.53	.66	14.2	48,400	3620	.40	.54	.67	13.7	46,700	4090	.40	.54	.68
	755	1600	15.1	51,400	3260	.40	.55	.69	14.6	49,700	3630	.40	.55	.70	14.1	48,000	4100	.41	.56	.71
	850	1800	15.4	52,600	3270	.41	.56	.72	14.9	50,800	3650	.41	.57	.73	14.4	49,000	4110	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CB19-41 OR CBH19-41 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	660	1400	13.0	44,300	3200	.69	.86	1.00	12.5	42,800	3580	.70	.88	1.00	12.1	41,200	4040	.71	.90	1.00
	755	1600	13.4	45,600	3210	.72	.90	1.00	12.9	44,000	3590	.73	.92	1.00	12.4	42,300	4060	.75	.94	1.00
	850	1800	13.7	46,800	3210	.75	.94	1.00	13.2	45,100	3590	.77	.96	1.00	12.7	43,500	4060	.78	.97	1.00
67°F (19.4°C)	660	1400	13.7	46,900	3210	.54	.68	.83	13.3	45,300	3590	.55	.69	.84	12.8	43,600	4060	.55	.70	.86
	755	1600	14.1	48,200	3220	.56	.71	.88	13.6	46,500	3600	.56	.72	.89	13.1	44,700	4070	.57	.74	.91
	850	1800	14.4	49,200	3230	.58	.74	.92	13.9	47,500	3600	.58	.75	.94	13.4	45,700	4080	.59	.77	.97
71°F (21.7°C)	660	1400	14.5	49,500	3230	.40	.54	.68	14.0	47,800	3610	.40	.54	.68	13.5	46,200	4080	.41	.55	.69
	755	1600	14.9	50,800	3250	.41	.56	.70	14.4	49,100	3620	.41	.56	.71	13.9	47,300	4090	.41	.57	.72
	850	1800	15.2	51,900	3260	.42	.57	.73	14.7	50,100	3640	.42	.58	.74	14.2	48,300	4100	.42	.59	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-511V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.2	44,900	3200	.68	.84	.99	12.7	43,400	3580	.69	.86	1.00	12.2	41,700	4040	.70	.87	1.00
	755	1600	13.6	46,300	3210	.70	.88	1.00	13.1	44,600	3590	.72	.90	1.00	12.6	42,900	4060	.73	.92	1.00
	850	1800	13.9	47,400	3210	.74	.92	1.00	13.4	45,600	3590	.75	.94	1.00	12.9	43,900	4070	.77	.96	1.00
67°F (19.4°C)	660	1400	14.0	47,800	3220	.53	.66	.81	13.5	46,200	3590	.53	.67	.82	13.0	44,500	4070	.54	.68	.84
	755	1600	14.4	49,100	3220	.55	.69	.85	13.9	47,400	3600	.55	.70	.87	13.4	45,700	4080	.56	.71	.89
	850	1800	14.7	50,200	3240	.56	.72	.90	14.2	48,400	3620	.57	.73	.92	13.7	46,600	4090	.58	.75	.94
71°F (21.7°C)	660	1400	14.9	50,700	3250	.39	.53	.66	14.4	49,000	3620	.40	.53	.67	13.8	47,200	4100	.40	.54	.68
	755	1600	15.3	52,100	3270	.40	.54	.69	14.7	50,300	3640	.40	.55	.69	14.2	48,500	4110	.40	.56	.71
	850	1800	15.6	53,100	3280	.41	.56	.71	15.0	51,300	3660	.41	.57	.73	14.5	49,400	4120	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CH19-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.2	45,000	3210	.69	.86	1.00	12.7	43,400	3580	.70	.88	1.00	12.3	41,900	4050	.71	.90	1.00
	755	1600	13.6	46,400	3220	.72	.90	1.00	13.1	44,800	3590	.73	.92	1.00	12.6	43,100	4070	.75	.95	1.00
	850	1800	13.9	47,400	3220	.75	.95	1.00	13.4	45,800	3600	.77	.97	1.00	13.0	44,300	4080	.78	.98	1.00
67°F (19.4°C)	660	1400	14.0	47,600	3230	.54	.68	.83	13.5	46,000	3600	.55	.69	.84	13.0	44,400	4080	.55	.70	.86
	755	1600	14.3	48,900	3240	.56	.71	.88	13.9	47,300	3620	.56	.72	.89	13.3	45,500	4090	.57	.73	.91
	850	1800	14.7	50,000	3260	.58	.74	.92	14.2	48,300	3640	.58	.75	.94	13.6	46,400	4100	.59	.77	.96
71°F (21.7°C)	660	1400	14.7	50,200	3260	.40	.53	.68	14.2	48,600	3640	.40	.54	.68	13.7	46,800	4110	.41	.55	.69
	755	1600	15.1	51,600	3290	.41	.55	.70	14.6	49,800	3660	.41	.56	.71	14.1	48,000	4120	.41	.57	.72
	850	1800	15.4	52,700	3300	.42	.57	.73	14.9	50,900	3680	.42	.58	.74	14.4	49,000	4140	.42	.59	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.3	45,400	3210	.69	.86	1.00	12.8	43,800	3580	.70	.88	1.00	12.4	42,300	4050	.71	.89	1.00
	755	1600	13.7	46,600	3210	.72	.91	1.00	13.2	45,100	3590	.73	.92	1.00	12.7	43,400	4070	.75	.95	1.00
	850	1800	14.0	47,700	3220	.75	.95	1.00	13.5	46,100	3600	.77	.97	1.00	13.1	44,600	4080	.78	.98	1.00
67°F (19.4°C)	660	1400	14.1	48,000	3220	.54	.68	.83	13.6	46,300	3600	.55	.69	.84	13.1	44,800	4080	.55	.70	.86
	755	1600	14.4	49,300	3240	.56	.71	.88	13.9	47,500	3620	.56	.72	.89	13.4	45,800	4090	.57	.73	.91
	850	1800	14.7	50,300	3260	.58	.74	.92	14.3	48,700	3630	.58	.75	.94	13.7	46,700	4100	.59	.77	.97
71°F (21.7°C)	660	1400	14.8	50,600	3260	.40	.54	.68	14.3	48,900	3640	.40	.54	.68	13.8	47,100	4100	.41	.55	.69
	755	1600	15.2	51,900	3280	.41	.55	.70	14.7	50,200	3660	.41	.56	.71	14.2	48,300	4120	.41	.57	.72
	850	1800	15.5	53,000	3300	.42	.57	.73	15.0	51,200	3670	.42	.58	.74	14.4	49,300	4130	.42	.59	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CB18-65 OR CBS18-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.3	45,400	3210	.68	.84	.99	12.9	43,900	3580	.69	.86	1.00	12.4	42,300	4050	.70	.88	1.00
	755	1600	13.7	46,900	3210	.71	.88	1.00	13.2	45,200	3600	.72	.90	1.00	12.8	43,600	4060	.73	.92	1.00
	850	1800	14.1	48,100	3220	.74	.93	1.00	13.5	46,200	3600	.76	.95	1.00	13.0	44,500	4080	.77	.97	1.00
67°F (19.4°C)	660	1400	14.2	48,400	3220	.53	.66	.81	13.7	46,700	3600	.54	.67	.83	13.2	45,000	4080	.54	.69	.84
	755	1600	14.6	49,700	3240	.55	.69	.86	14.1	48,000	3620	.55	.70	.87	13.5	46,200	4090	.56	.72	.89
	850	1800	14.8	50,600	3250	.57	.72	.90	14.3	48,800	3630	.57	.74	.92	13.8	47,000	4100	.58	.76	.94
71°F (21.7°C)	660	1400	15.0	51,200	3260	.39	.53	.66	14.5	49,500	3640	.40	.53	.67	14.0	47,800	4100	.40	.54	.68
	755	1600	15.4	52,600	3280	.40	.54	.69	14.9	50,800	3660	.40	.55	.70	14.3	48,900	4120	.41	.56	.71
	850	1800	15.8	53,800	3300	.41	.56	.72	15.2	51,800	3670	.41	.57	.73	14.6	49,900	4130	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-511V WITH CH20-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	660	1400	13.5	46,000	3220	.66	.82	.97	13.0	44,400	3590	.67	.84	.99	12.6	42,900	4040	.68	.86	1.00
	755	1600	13.8	47,200	3230	.69	.86	1.00	13.4	45,600	3600	.70	.88	1.00	12.9	44,000	4050	.72	.90	1.00
	850	1800	14.2	48,300	3240	.73	.90	1.00	13.6	46,400	3600	.74	.92	1.00	13.1	44,700	4060	.75	.94	1.00
67°F (19.4°C)	660	1400	14.2	48,500	3240	.52	.66	.80	13.7	46,900	3610	.53	.66	.81	13.2	45,200	4070	.53	.67	.82
	755	1600	14.6	49,800	3260	.54	.68	.84	14.1	48,200	3630	.54	.69	.85	13.6	46,400	4090	.55	.70	.87
	850	1800	14.9	50,900	3280	.55	.70	.88	14.4	49,200	3650	.56	.72	.90	13.9	47,400	4110	.57	.73	.92
71°F (21.7°C)	660	1400	14.9	51,000	3280	.39	.52	.65	14.5	49,400	3650	.39	.53	.66	14.0	47,600	4110	.39	.54	.67
	755	1600	15.4	52,400	3310	.39	.54	.68	14.9	50,700	3680	.40	.54	.69	14.3	48,900	4130	.40	.55	.70
	850	1800	15.7	53,500	3330	.40	.55	.71	15.2	51,700	3700	.40	.56	.72	14.6	49,900	4150	.41	.57	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CVP10-65/EC10Q5 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	660	1400	13.5	46,000	3210	.69	.85	1.00	13.0	44,400	3580	.70	.87	1.00	12.5	42,800	4050	.71	.89	1.00
	755	1600	13.9	47,300	3210	.72	.90	1.00	13.4	45,700	3600	.73	.92	1.00	12.9	43,900	4070	.74	.94	1.00
	850	1800	14.2	48,400	3220	.75	.94	1.00	13.7	46,900	3600	.76	.96	1.00	13.2	45,100	4080	.78	.98	1.00
67°F (19.4°C)	660	1400	14.3	48,800	3220	.54	.67	.82	13.8	47,200	3600	.54	.68	.84	13.3	45,500	4080	.55	.69	.85
	755	1600	14.7	50,100	3240	.55	.70	.87	14.2	48,400	3620	.56	.71	.89	13.7	46,600	4090	.57	.73	.90
	850	1800	15.0	51,200	3250	.57	.73	.92	14.5	49,400	3630	.58	.75	.94	13.9	47,400	4100	.59	.77	.96
71°F (21.7°C)	660	1400	15.1	51,600	3260	.40	.53	.67	14.6	49,900	3640	.40	.54	.68	14.1	48,200	4100	.40	.55	.69
	755	1600	15.5	53,000	3280	.41	.55	.70	15.0	51,200	3660	.41	.56	.71	14.5	49,400	4120	.41	.57	.72
	850	1800	15.9	54,100	3300	.41	.57	.73	15.3	52,200	3670	.42	.58	.74	14.7	50,300	4130	.42	.59	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CH20-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	660	1400	13.7	46,900	3210	.66	.82	.97	13.3	45,400	3580	.67	.84	.99	12.8	43,700	4050	.68	.86	1.00
	755	1600	14.2	48,300	3220	.69	.86	1.00	13.7	46,600	3600	.70	.88	1.00	13.2	44,900	4070	.72	.90	1.00
	850	1800	14.5	49,400	3230	.72	.90	1.00	14.0	47,600	3600	.74	.92	1.00	13.4	45,800	4080	.75	.94	1.00
67°F (19.4°C)	660	1400	14.5	49,600	3230	.52	.66	.80	14.0	47,900	3610	.53	.66	.81	13.5	46,200	4080	.53	.67	.82
	755	1600	14.9	51,000	3250	.54	.68	.84	14.4	49,300	3630	.54	.69	.85	13.9	47,500	4090	.55	.70	.87
	850	1800	15.3	52,100	3270	.55	.70	.88	14.7	50,300	3640	.56	.72	.90	14.2	48,500	4110	.57	.73	.92
71°F (21.7°C)	660	1400	15.3	52,100	3270	.39	.52	.65	14.8	50,500	3640	.39	.53	.66	14.3	48,700	4110	.39	.53	.67
	755	1600	15.7	53,600	3290	.39	.54	.68	15.2	51,800	3660	.40	.54	.69	14.7	50,000	4120	.40	.55	.70
	850	1800	16.1	54,800	3300	.40	.55	.70	15.5	52,900	3680	.40	.56	.72	14.9	51,000	4140	.41	.57	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CH19-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
L/s	cfm	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	660	1400	13.8	47,200	3220	.68	.83	.99	13.4	45,600	3600	.68	.85	1.00	12.9	43,900	4060	.69	.87	1.00
	755	1600	14.2	48,600	3240	.70	.88	1.00	13.7	46,800	3620	.72	.90	1.00	13.2	45,000	4090	.73	.93	1.00
	850	1800	14.6	49,800	3260	.74	.93	1.00	14.1	48,200	3630	.75	.95	1.00	13.5	46,200	4100	.77	.97	1.00
67°F (19.4°C)	660	1400	14.6	49,900	3260	.53	.66	.81	14.1	48,200	3640	.54	.67	.82	13.6	46,500	4100	.54	.68	.84
	755	1600	15.0	51,300	3280	.55	.69	.85	14.5	49,600	3660	.55	.70	.87	14.0	47,700	4120	.56	.72	.89
	850	1800	15.4	52,400	3300	.56	.72	.90	14.8	50,600	3670	.57	.73	.92	14.3	48,700	4130	.58	.75	.94
71°F (21.7°C)	660	1400	15.4	52,500	3300	.39	.53	.66	14.9	50,900	3670	.40	.53	.67	14.3	48,900	4130	.40	.54	.68
	755	1600	15.8	53,900	3320	.40	.54	.69	15.3	52,100	3690	.40	.55	.70	14.7	50,200	4150	.41	.56	.71
	850	1800	16.1	55,100	3340	.41	.56	.72	15.6	53,200	3710	.41	.57	.73	15.0	51,200	4170	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-511 WITH CB19-65 OR CBH19-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.7	46,800	3220	.67	.83	.98	13.2	45,100	3600	.68	.85	1.00	12.7	43,500	4060	.69	.87	1.00
	755	1600	14.1	48,200	3240	.70	.88	1.00	13.6	46,500	3620	.71	.90	1.00	13.1	44,600	4090	.73	.92	1.00
	850	1800	14.4	49,200	3260	.74	.93	1.00	14.0	47,600	3630	.75	.95	1.00	13.4	45,600	4100	.77	.97	1.00
67°F (19.4°C)	660	1400	14.5	49,500	3260	.53	.66	.81	14.0	47,700	3640	.53	.67	.82	13.5	46,000	4100	.54	.68	.84
	755	1600	14.9	50,900	3280	.55	.69	.85	14.4	49,200	3660	.55	.70	.87	13.9	47,400	4120	.56	.71	.89
	850	1800	15.3	52,200	3300	.56	.72	.90	14.7	50,300	3670	.57	.73	.91	14.2	48,300	4130	.58	.75	.94
71°F (21.7°C)	660	1400	15.2	52,000	3300	.39	.53	.66	14.7	50,100	3670	.40	.53	.67	14.2	48,400	4130	.40	.54	.68
	755	1600	15.7	53,500	3320	.40	.54	.69	15.1	51,600	3690	.40	.55	.70	14.6	49,700	4150	.40	.56	.71
	850	1800	16.0	54,600	3340	.41	.56	.72	15.4	52,700	3710	.41	.57	.73	14.9	50,700	4170	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CB21-65 OR CBH21-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	13.9	47,400	3220	.67	.83	.98	13.4	45,600	3600	.68	.85	1.00	12.9	43,900	4060	.69	.87	1.00
	755	1600	14.3	48,800	3240	.70	.88	1.00	13.8	47,000	3620	.71	.90	1.00	13.2	45,100	4090	.73	.92	1.00
	850	1800	14.6	49,700	3260	.74	.93	1.00	14.1	48,100	3630	.75	.95	1.00	13.5	46,100	4100	.77	.97	1.00
67°F (19.4°C)	660	1400	14.7	50,000	3260	.53	.66	.81	14.1	48,200	3640	.53	.67	.82	13.6	46,500	4100	.54	.68	.84
	755	1600	15.1	51,400	3280	.55	.69	.85	14.6	49,700	3660	.55	.70	.87	14.0	47,900	4120	.56	.71	.89
	850	1800	15.4	52,700	3300	.56	.72	.90	14.9	50,900	3670	.57	.73	.91	14.3	48,900	4130	.58	.75	.94
71°F (21.7°C)	660	1400	15.4	52,600	3300	.39	.53	.66	14.9	50,700	3670	.40	.53	.67	14.3	48,900	4130	.40	.54	.68
	755	1600	15.9	54,100	3320	.40	.54	.69	15.3	52,200	3690	.40	.55	.70	14.7	50,300	4150	.40	.56	.71
	850	1800	16.2	55,200	3340	.41	.56	.72	15.6	53,300	3710	.41	.57	.73	15.0	51,200	4170	.41	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-511V WITH CB21-51 OR CBH21-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	14.4	49,300	3220	.68	.84	1.00	13.9	47,400	3590	.69	.86	1.00	13.4	45,600	4060	.70	.88	1.00
	755	1600	14.8	50,600	3230	.71	.89	1.00	14.3	48,800	3610	.72	.91	1.00	13.8	47,000	4080	.74	.93	1.00
	850	1800	15.2	51,800	3250	.74	.94	1.00	14.7	50,000	3620	.76	.96	1.00	14.1	48,200	4090	.77	.98	1.00
67°F (19.4°C)	660	1400	15.2	52,000	3250	.53	.67	.82	14.7	50,200	3630	.54	.68	.83	14.2	48,400	4100	.54	.69	.85
	755	1600	15.7	53,500	3270	.55	.69	.86	15.1	51,600	3640	.56	.70	.88	14.6	49,700	4110	.56	.72	.90
	850	1800	16.0	54,700	3290	.57	.72	.91	15.5	52,800	3660	.57	.74	.93	14.9	50,700	4120	.58	.76	.95
71°F (21.7°C)	660	1400	16.1	54,800	3290	.40	.53	.67	15.5	52,900	3660	.40	.53	.67	14.9	51,000	4130	.40	.54	.68
	755	1600	16.5	56,300	3310	.40	.55	.69	15.9	54,300	3680	.41	.55	.70	15.3	52,300	4140	.41	.56	.71
	850	1800	16.8	57,400	3330	.41	.56	.72	16.2	55,400	3700	.41	.57	.73	15.6	53,300	4160	.42	.58	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CR16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	14.6	49,900	4020	.65	.79	.92	14.2	48,400	4460	.66	.80	.93	13.7	46,600	5000	.67	.81	.95
	755	1600	15.2	51,700	4040	.68	.82	.96	14.7	50,000	4470	.69	.83	.98	14.1	48,100	5010	.70	.85	1.00
	850	1800	15.6	53,100	4040	.71	.84	1.00	15.0	51,300	4480	.72	.86	1.00	14.5	49,400	5020	.73	.88	1.00
67°F (19.4°C)	660	1400	15.5	52,900	4040	.51	.65	.77	15.1	51,500	4480	.52	.66	.78	14.5	49,600	5020	.52	.66	.79
	755	1600	16.1	54,800	4050	.53	.67	.80	15.6	53,100	4490	.53	.68	.82	15.0	51,300	5040	.54	.69	.83
	850	1800	16.5	56,400	4060	.54	.68	.84	16.0	54,500	4500	.55	.69	.85	15.4	52,600	5050	.55	.71	.87
71°F (21.7°C)	660	1400	16.4	56,100	4060	.38	.52	.64	15.9	54,400	4500	.38	.53	.65	15.4	52,500	5050	.38	.53	.65
	755	1600	17.0	58,000	4070	.39	.53	.66	16.5	56,200	4510	.39	.54	.67	15.9	54,300	5060	.39	.55	.68
	850	1800	17.5	59,600	4090	.39	.55	.69	16.9	57,700	4530	.39	.55	.70	16.3	55,700	5070	.40	.56	.71

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-651V WITH C16-51FF EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	15.2	51,900	4030	.66	.80	.93	14.7	50,300	4470	.67	.81	.94	14.2	48,400	5010	.68	.83	.96
	755	1600	15.7	53,700	4040	.69	.83	.98	15.2	51,800	4480	.70	.85	1.00	14.6	49,900	5020	.71	.86	1.00
	850	1800	16.1	55,100	4050	.72	.86	1.00	15.6	53,200	4490	.73	.88	1.00	15.0	51,300	5030	.74	.90	1.00
67°F (19.4°C)	660	1400	16.1	55,000	4050	.52	.66	.78	15.6	53,300	4490	.52	.66	.79	15.0	51,300	5030	.53	.67	.81
	755	1600	16.7	56,900	4060	.54	.68	.82	16.1	55,000	4500	.54	.69	.83	15.5	53,000	5040	.55	.70	.84
	850	1800	17.1	58,400	4070	.55	.70	.85	16.5	56,400	4510	.56	.71	.87	15.9	54,400	5060	.56	.72	.88
71°F (21.7°C)	660	1400	17.0	58,100	4070	.39	.53	.65	16.5	56,200	4510	.39	.53	.66	15.9	54,300	5050	.39	.54	.66
	755	1600	17.6	60,100	4080	.39	.54	.67	17.0	58,100	4520	.39	.55	.68	16.4	56,000	5070	.40	.55	.69
	850	1800	18.1	61,700	4100	.40	.55	.70	17.5	59,600	4540	.40	.56	.71	16.9	57,500	5090	.40	.57	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CR16-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	15.3	52,300	4030	.66	.80	.93	14.8	50,600	4470	.67	.81	.95	14.3	48,700	5010	.68	.83	.96
	755	1600	15.8	54,000	4040	.69	.83	.98	15.3	52,200	4480	.70	.85	1.00	14.7	50,200	5020	.71	.86	1.00
	850	1800	16.2	55,400	4050	.72	.86	1.00	15.7	53,500	4490	.73	.88	1.00	15.1	51,500	5030	.74	.90	1.00
67°F (19.4°C)	660	1400	16.2	55,400	4050	.52	.66	.78	15.7	53,700	4490	.52	.67	.79	15.2	51,800	5030	.53	.67	.81
	755	1600	16.8	57,400	4060	.54	.68	.82	16.3	55,500	4500	.54	.69	.83	15.7	53,500	5050	.55	.70	.84
	850	1800	17.3	58,900	4080	.55	.70	.85	16.7	57,000	4520	.56	.71	.87	16.1	54,900	5060	.56	.72	.88
71°F (21.7°C)	660	1400	17.2	58,700	4070	.39	.53	.65	16.6	56,800	4510	.39	.53	.66	16.1	54,800	5060	.39	.54	.66
	755	1600	17.8	60,700	4090	.39	.54	.67	17.2	58,700	4530	.39	.55	.68	16.6	56,700	5080	.40	.55	.69
	850	1800	18.3	62,400	4110	.40	.55	.70	17.7	60,300	4550	.40	.56	.71	17.0	58,100	5090	.40	.57	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	15.2	51,800	4030	.67	.80	.93	14.7	50,100	4470	.67	.82	.95	14.1	48,100	5010	.69	.83	.97
	755	1600	15.7	53,500	4040	.69	.84	.98	15.1	51,600	4480	.70	.85	1.00	14.5	49,500	5020	.72	.87	1.00
	850	1800	16.1	54,800	4050	.72	.87	1.00	15.5	52,900	4490	.73	.89	1.00	14.9	50,700	5030	.75	.90	1.00
67°F (19.4°C)	660	1400	16.2	55,200	4050	.52	.66	.78	15.6	53,300	4490	.53	.66	.79	15.0	51,300	5040	.53	.67	.81
	755	1600	16.7	57,000	4060	.54	.68	.82	16.1	55,000	4500	.54	.69	.83	15.5	52,900	5050	.55	.70	.85
	850	1800	17.1	58,400	4080	.55	.70	.85	16.5	56,400	4520	.56	.71	.87	15.9	54,200	5060	.57	.72	.89
71°F (21.7°C)	660	1400	17.2	58,600	4080	.39	.53	.65	16.6	56,600	4520	.39	.53	.66	16.0	54,600	5060	.39	.54	.66
	755	1600	17.7	60,400	4100	.39	.54	.67	17.1	58,400	4530	.39	.55	.68	16.5	56,200	5080	.40	.55	.69
	850	1800	18.2	62,100	4110	.40	.55	.70	17.5	59,800	4550	.40	.56	.71	16.9	57,600	5090	.40	.57	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CH20-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	660	1400	15.6	53,400	4040	.65	.79	.91	15.1	51,500	4480	.66	.80	.93	14.5	49,600	5020	.67	.82	.95
	755	1600	16.1	55,100	4050	.68	.82	.96	15.6	53,200	4490	.69	.83	.98	15.0	51,200	5030	.70	.85	1.00
	850	1800	16.6	56,500	4060	.71	.85	1.00	16.0	54,500	4500	.72	.86	1.00	15.4	52,500	5040	.73	.88	1.00
67°F (19.4°C)	660	1400	16.5	56,400	4060	.51	.65	.77	15.9	54,400	4500	.52	.66	.78	15.4	52,700	5040	.52	.66	.79
	755	1600	17.1	58,200	4070	.53	.67	.80	16.5	56,300	4510	.53	.68	.82	15.9	54,200	5050	.54	.69	.83
	850	1800	17.5	59,700	4080	.54	.69	.84	16.9	57,700	4520	.55	.70	.85	16.3	55,600	5070	.56	.71	.87
71°F (21.7°C)	660	1400	17.4	59,400	4080	.38	.52	.64	16.9	57,500	4520	.38	.53	.65	16.3	55,500	5070	.38	.53	.66
	755	1600	18.0	61,300	4100	.39	.53	.66	17.4	59,300	4540	.39	.54	.67	16.8	57,200	5080	.39	.54	.68
	850	1800	18.4	62,900	4110	.39	.55	.69	17.8	60,800	4550	.40	.55	.70	17.2	58,600	5100	.40	.56	.71

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-651V WITH C16-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	L/s	cfm	k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb		
				75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.6	53,400	4000	.67	.80	.93	15.1	51,600	4430	.67	.82	.95	14.5	49,500	4970	.68	.83	.97
	755	1600	16.1	55,100	4010	.69	.83	.98	15.6	53,200	4440	.70	.85	1.00	15.0	51,200	4980	.71	.87	1.00
	850	1800	16.6	56,600	4010	.72	.87	1.00	16.0	54,600	4450	.73	.88	1.00	15.4	52,700	4990	.74	.90	1.00
67°F (19.4°C)	660	1400	16.6	56,500	4010	.52	.66	.78	16.0	54,700	4450	.53	.66	.79	15.5	52,800	4990	.53	.67	.81
	755	1600	17.1	58,500	4020	.54	.68	.82	16.6	56,500	4460	.54	.69	.83	16.0	54,500	5000	.55	.70	.85
	850	1800	17.6	60,100	4040	.55	.70	.85	17.0	58,000	4470	.56	.71	.87	16.4	55,900	5010	.57	.72	.89
71°F (21.7°C)	660	1400	17.5	59,800	4040	.39	.53	.65	16.9	57,800	4470	.39	.53	.66	16.4	55,800	5010	.39	.54	.67
	755	1600	18.1	61,800	4050	.39	.54	.67	17.5	59,700	4490	.40	.55	.68	16.9	57,600	5030	.40	.55	.69
	850	1800	18.6	63,400	4070	.40	.55	.70	18.0	61,300	4510	.40	.56	.71	17.3	59,100	5040	.40	.57	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CH19-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	L/s	cfm	k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb		
				75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.8	54,000	4050	.68	.82	.95	15.3	52,100	4490	.69	.83	.96	14.7	50,100	5040	.70	.85	.98
	755	1600	16.3	55,700	4060	.70	.85	1.00	15.7	53,700	4500	.71	.87	1.00	15.2	51,700	5040	.73	.89	1.00
	850	1800	16.8	57,200	4070	.73	.89	1.00	16.2	55,200	4510	.74	.90	1.00	15.5	53,000	5050	.76	.92	1.00
67°F (19.4°C)	660	1400	16.8	57,200	4070	.53	.67	.80	16.2	55,200	4510	.53	.67	.81	15.6	53,400	5050	.54	.68	.82
	755	1600	17.3	59,100	4080	.55	.69	.83	16.7	57,000	4520	.55	.70	.85	16.1	54,900	5070	.56	.71	.86
	850	1800	17.8	60,600	4100	.56	.71	.87	17.1	58,500	4540	.57	.72	.89	16.5	56,300	5080	.58	.74	.90
71°F (21.7°C)	660	1400	17.7	60,400	4090	.39	.53	.66	17.1	58,400	4530	.40	.54	.67	16.5	56,200	5080	.40	.54	.68
	755	1600	18.3	62,300	4110	.40	.55	.69	17.6	60,200	4560	.40	.55	.69	17.0	58,000	5100	.40	.56	.71
	850	1800	18.8	64,000	4140	.41	.56	.71	18.1	61,800	4570	.41	.57	.72	17.4	59,400	5120	.41	.58	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CB19-51 OR CB19-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	L/s	cfm	k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb		
				75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.8	53,900	4050	.68	.82	.95	15.2	51,900	4490	.69	.83	.97	14.6	49,900	5030	.70	.85	.98
	755	1600	16.3	55,500	4050	.70	.85	1.00	15.7	53,500	4490	.72	.87	1.00	15.1	51,500	5040	.73	.89	1.00
	850	1800	16.7	57,100	4060	.73	.89	1.00	16.1	55,100	4500	.74	.90	1.00	15.5	52,900	5050	.76	.92	1.00
67°F (19.4°C)	660	1400	16.7	56,900	4060	.53	.67	.80	16.2	55,200	4500	.53	.67	.81	15.6	53,100	5050	.54	.68	.82
	755	1600	17.3	58,900	4080	.55	.69	.83	16.6	56,800	4520	.55	.70	.85	16.0	54,700	5060	.56	.71	.86
	850	1800	17.7	60,400	4100	.56	.71	.87	17.1	58,200	4530	.57	.73	.89	16.4	56,000	5080	.58	.74	.90
71°F (21.7°C)	660	1400	17.6	60,200	4090	.39	.53	.66	17.0	58,100	4530	.40	.54	.67	16.4	56,000	5080	.40	.54	.68
	755	1600	18.2	62,200	4110	.40	.55	.69	17.6	60,000	4550	.40	.55	.70	16.9	57,800	5100	.41	.56	.71
	850	1800	18.7	63,800	4130	.41	.56	.71	18.0	61,500	4570	.41	.57	.72	17.3	59,200	5110	.41	.58	.73

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CB18-65 OR CBS18-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	L/s	cfm	k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb			k/W	Btuh		Dry Bulb		
				75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C					75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	755	1600	16.1	54,900	4050	.69	.84	.97	15.5	53,000	4490	.70	.85	.99	14.9	50,900	5040	.71	.87	1.00
	850	1800	16.5	56,400	4060	.72	.87	1.00	15.9	54,300	4500	.73	.89	1.00	15.3	52,100	5050	.74	.91	1.00
	945	2000	16.9	57,600	4070	.74	.90	1.00	16.3	55,500	4510	.76	.92	1.00	15.6	53,400	5050	.77	.94	1.00
67°F (19.4°C)	755	1600	17.1	58,500	4080	.54	.68	.81	16.6	56,500	4520	.55	.69	.83	15.9	54,300	5060	.55	.70	.84
	850	1800	17.6	60,100	4090	.56	.70	.85	17.0	58,000	4530	.56	.71	.86	16.3	55,700	5070	.57	.72	.88
	945	2000	18.0	61,400	4100	.57	.72	.88	17.3	59,200	4540	.58	.74	.90	16.7	56,900	5090	.58	.75	.92
71°F (21.7°C)	755	1600	18.2	62,200	4110	.40	.54	.67	17.6	60,000	4550	.40	.55	.68	16.9	57,800	5100	.41	.55	.69
	850	1800	18.7	63,800	4130	.41	.55	.70	18.0	61,500	4570	.41	.56	.71	17.3	59,200	5110	.41	.57	.72
	945	2000	19.0	65,000	4140	.41	.57	.72	18.4	62,800	4590	.42	.58	.73	17.7	60,300	5130	.42	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-651V WITH CH20-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
	L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C			
63°F (17.2°C)	660	1400	16.1	54,800	4050	.65	.79	.92	15.5	52,900	4490	.66	.80	.93	15.0	51,100	5040	.67	.82	.95
	755	1600	16.6	56,600	4060	.68	.82	.96	16.0	54,700	4500	.69	.84	.98	15.4	52,600	5040	.70	.85	1.00
	850	1800	17.1	58,200	4070	.71	.85	1.00	16.4	56,100	4510	.72	.87	1.00	15.8	54,000	5050	.73	.89	1.00
67°F (19.4°C)	660	1400	17.0	58,000	4070	.51	.65	.77	16.4	56,100	4510	.52	.66	.78	15.9	54,200	5050	.52	.66	.79
	755	1600	17.6	59,900	4080	.53	.67	.81	17.0	57,900	4520	.53	.68	.82	16.4	55,800	5070	.54	.69	.83
	850	1800	18.1	61,600	4100	.54	.69	.84	17.4	59,400	4540	.55	.70	.86	16.8	57,200	5080	.56	.71	.87
71°F (21.7°C)	660	1400	17.9	61,200	4100	.38	.52	.64	17.3	59,200	4540	.38	.53	.65	16.7	57,100	5080	.38	.53	.66
	755	1600	18.5	63,200	4120	.39	.53	.66	17.9	61,100	4560	.39	.54	.67	17.3	58,900	5100	.39	.54	.68
	850	1800	19.0	64,900	4140	.39	.55	.69	18.4	62,700	4580	.40	.55	.70	17.7	60,400	5120	.40	.56	.71

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CH19-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
	L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C			
63°F (17.2°C)	660	1400	16.2	55,400	4060	.66	.80	.93	15.7	53,500	4500	.67	.81	.94	15.1	51,500	5040	.68	.83	.96
	755	1600	16.8	57,400	4080	.69	.83	.97	16.2	55,300	4520	.70	.85	.99	15.6	53,200	5060	.71	.86	1.00
	850	1800	17.3	58,900	4090	.72	.87	1.00	16.6	56,800	4530	.73	.88	1.00	16.1	54,800	5070	.74	.90	1.00
67°F (19.4°C)	660	1400	17.2	58,700	4090	.52	.65	.78	16.6	56,700	4530	.52	.66	.79	16.0	54,700	5070	.53	.67	.80
	755	1600	17.8	60,800	4110	.53	.67	.81	17.2	58,600	4550	.54	.68	.83	16.5	56,400	5090	.55	.70	.84
	850	1800	18.3	62,400	4130	.55	.70	.85	17.6	60,200	4570	.56	.71	.87	17.0	57,900	5110	.56	.72	.88
71°F (21.7°C)	660	1400	18.1	61,900	4130	.39	.52	.65	17.6	59,900	4570	.39	.53	.66	16.9	57,700	5110	.39	.53	.66
	755	1600	18.8	64,000	4150	.39	.54	.67	18.1	61,800	4590	.39	.54	.68	17.5	59,600	5140	.40	.55	.69
	850	1800	19.2	65,600	4170	.40	.55	.70	18.6	63,400	4620	.40	.56	.71	17.9	61,100	5160	.40	.57	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CVP10-65/EC10Q5 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
	L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C			
63°F (17.2°C)	755	1600	16.3	55,500	4060	.70	.84	.98	15.7	53,500	4500	.71	.86	1.00	15.1	51,400	5040	.72	.88	1.00
	850	1800	16.7	57,000	4060	.72	.88	1.00	16.1	55,000	4510	.73	.90	1.00	15.5	52,900	5050	.75	.91	1.00
	945	2000	17.1	58,300	4080	.75	.91	1.00	16.5	56,400	4520	.76	.93	1.00	15.9	54,100	5060	.78	.95	1.00
67°F (19.4°C)	755	1600	17.3	59,000	4080	.55	.68	.82	16.7	57,000	4520	.55	.69	.83	16.1	54,900	5070	.56	.70	.85
	850	1800	17.7	60,500	4100	.56	.71	.86	17.1	58,400	4540	.57	.72	.87	16.5	56,300	5080	.57	.73	.89
	945	2000	18.1	61,800	4110	.58	.73	.89	17.5	59,600	4550	.58	.74	.91	16.8	57,400	5090	.59	.76	.93
71°F (21.7°C)	755	1600	18.3	62,600	4120	.40	.54	.68	17.7	60,500	4560	.41	.55	.69	17.1	58,400	5100	.41	.56	.70
	850	1800	18.8	64,200	4140	.41	.56	.70	18.2	62,000	4580	.41	.56	.71	17.5	59,700	5120	.42	.57	.72
	945	2000	19.2	65,400	4150	.42	.57	.73	18.5	63,200	4590	.42	.58	.74	17.8	60,900	5140	.42	.59	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CB19-65 OR CBH19-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
	Dry Bulb					Dry Bulb						Dry Bulb								
	L/s	cfm	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	75°F 24°C	80°F 27°C	85°F 29°C			
63°F (17.2°C)	755	1600	16.7	56,900	4080	.69	.83	.96	16.1	54,800	4510	.70	.85	.98	15.5	52,800	5050	.71	.86	1.00
	850	1800	17.1	58,400	4090	.71	.86	1.00	16.5	56,300	4530	.72	.88	1.00	15.9	54,100	5070	.73	.90	1.00
	945	2000	17.6	59,900	4110	.74	.90	1.00	16.7	57,100	4540	.75	.92	1.00	16.1	55,100	5080	.76	.94	1.00
67°F (19.4°C)	755	1600	17.6	60,100	4110	.54	.67	.81	17.0	58,000	4550	.54	.68	.82	16.4	55,800	5090	.55	.69	.84
	850	1800	18.1	61,800	4130	.55	.70	.84	17.5	59,600	4570	.56	.71	.86	16.8	57,300	5110	.57	.72	.87
	945	2000	18.5	63,200	4150	.57	.72	.88	17.8	60,900	4590	.57	.73	.89	17.1	58,500	5130	.58	.74	.91
71°F (21.7°C)	755	1600	18.6	63,300	4150	.40	.54	.67	17.9	61,100	4590	.40	.54	.68	17.2	58,800	5140	.40	.55	.69
	850	1800	19.0	64,900	4170	.40	.55	.70	18.4	62,700	4620	.41	.56	.70	17.7	60,400	5160	.41	.57	.72
	945	2000	19.5	66,400	4190	.41	.57	.72	18.8	64,100	4640	.41	.57	.73	18.1	61,600	5180	.42	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 11.

HS22-651V WITH CB21-51 OR CBH21-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	660	1400	16.6	56,700	4020	.67	.81	.94	16.0	54,700	4460	.68	.82	.95	15.4	52,600	4990	.69	.83	.97
	755	1600	17.2	58,700	4030	.69	.84	.98	16.6	56,600	4460	.70	.86	1.00	15.9	54,400	5000	.72	.87	1.00
	850	1800	17.7	60,300	4040	.72	.87	1.00	17.0	58,000	4480	.73	.89	1.00	16.4	55,800	5010	.75	.91	1.00
67°F (19.4°C)	660	1400	17.6	60,100	4040	.52	.66	.79	17.0	58,000	4480	.53	.67	.80	16.4	55,900	5010	.53	.67	.81
	755	1600	18.2	62,100	4060	.54	.68	.82	17.6	59,900	4490	.54	.69	.84	16.9	57,700	5030	.55	.70	.85
	850	1800	18.7	63,800	4080	.55	.70	.86	18.1	61,600	4510	.56	.71	.87	17.3	59,200	5050	.57	.73	.89
71°F (21.7°C)	660	1400	18.6	63,300	4070	.39	.53	.65	17.9	61,200	4510	.39	.53	.66	17.3	59,000	5050	.39	.54	.67
	755	1600	19.2	65,500	4100	.39	.54	.68	18.5	63,200	4530	.40	.55	.69	17.8	60,900	5070	.40	.55	.70
	850	1800	19.7	67,100	4110	.40	.56	.70	19.0	64,900	4550	.40	.56	.71	18.3	62,400	5090	.41	.57	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS22-651V WITH CB21-65 OR CBH21-65 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																	
			85°F (29°C)					95°F (35°C)					105°F (41°C)							
			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	k/W	Btuh	Input	75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	755	1600	16.7	56,900	4080	.69	.83	.96	16.1	54,800	4510	.70	.85	.98	15.5	52,800	5050	.71	.86	1.00
	850	1800	17.1	58,400	4090	.71	.86	1.00	16.5	56,300	4530	.72	.88	1.00	15.9	54,100	5070	.73	.90	1.00
	945	2000	17.6	59,900	4110	.74	.90	1.00	16.7	57,100	4540	.75	.92	1.00	16.1	55,100	5080	.76	.94	1.00
67°F (19.4°C)	755	1600	17.6	60,100	4110	.54	.67	.81	17.0	58,000	4550	.54	.68	.82	16.4	55,800	5090	.55	.69	.84
	850	1800	18.1	61,800	4130	.55	.70	.84	17.5	59,600	4570	.56	.71	.86	16.8	57,300	5110	.57	.72	.87
	945	2000	18.5	63,200	4150	.57	.72	.88	17.8	60,900	4590	.57	.73	.89	17.1	58,500	5130	.58	.74	.91
71°F (21.7°C)	755	1600	18.6	63,300	4150	.40	.54	.67	17.9	61,100	4590	.40	.54	.68	17.2	58,800	5140	.40	.55	.69
	850	1800	19.0	64,900	4170	.40	.55	.70	18.4	62,700	4620	.41	.56	.70	17.7	60,400	5160	.41	.57	.72
	945	2000	19.5	66,400	4190	.41	.57	.72	18.8	64,100	4640	.41	.57	.73	18.1	61,600	5180	.42	.58	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.