LENNOX®
ENGINEERING DATA

HS22 DIMENSION™ SERIES CONDENSING UNITS

11.00 to 13.50 SEER

*19,000 to 60,000 Btuh Cooling Capacity

(1-1/2 thru 5 Nominal Tons)

HS22

Bulletin #480001
November 1992
Supersedes November 1990

***DOE and ARI Certified Ratings**

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

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

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 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.

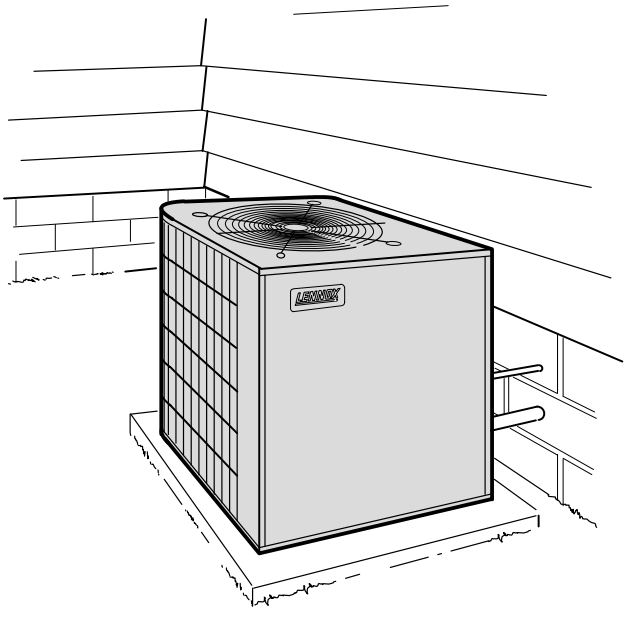
Approvals — Condensing units have been tested in the Lennox Research Laboratory environmental test room and rated according to U.S. Department of Energy (DOE) test procedures and in accordance with ARI Standard 210/240-89. In addition, units have been sound rated in the Lennox reverberant sound test 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 N.E.C. Units are also U.L. listed.

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)

Typical Application



NOTE — Specifications, Ratings and Dimensions subject to change without notice.

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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, leakproof 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.

Accumulator — Factory installed and piped accumulator is furnished on HS22-511V and HS22-651V models only. Accumulator traps and prevents large amounts of liquid refrigerant from entering compressor which could cause damage during start-up.

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

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 exceesive 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 Thermostats bulletin in Accessories section.

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 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.

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. HS22-211V-261V use MB1-22 **(99C78)** 22-1/4' x 22-1/4" x 3" shipping weight 6 lbs. each. HS22-311V-411V-461V-511V-651V use MB1-24 **(78H50)** 32" x 34" x 3" shipping weight 15 lbs. 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.)	Outer coil	11.8	11.8	15.9	15.9	15.9	21.6	21.6
		Inner coil	- - - -	5.4	5.5	5.5	8.8	20.8	20.8
	Tube diameter (in.)		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	No. of rows		1	1.48	1.36	1.36	1.57	2	2
	Fins per inch		20	20	20	20	20	20	20
Condenser Fan	Dia. (in.) & no. of blades		20 — 4	20 — 4	24 — 3	24 — 3	24 — 3	24 — 4	24 — 4
	Motor hp		1/6	1/6	1/6	1/6	1/6	1/4	1/4
	Cfm		2600	2450	3150	3150	3100	3870	4250
	Rpm		820	820	820	820	820	840	820
	Watts		200	210	215	210	205	330	350
*Refrigerant — 22 charge furnished			6 lbs. 2 oz.	6 lbs. 8 oz.	8 lbs. 1 oz.	8 lbs. 1 oz.	8 lbs. 5 oz.	13 lbs. 8 oz.	15 lbs. 8 oz.
Liquid line (o.d. in.) connection (sweat)			3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction line (o.d. in.) connection (sweat)			5/8	3/4	3/4	3/4	7/8	7/8	1-1/8
Shipping weight (lbs.) 1 package			157	169	204	216	227	307	320

*Refrigerant charge sufficient for 25 ft. 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)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
HS22-211V (7.8)	11.00	19,000	1885	C16-21FF/FC	CR16-21FF	- - - -	LB-53081CF **(32G55)**
	11.15	19,400	1875	- - - -	- - - -	CH16-21FF	
	11.85	19,400	1815	**CB18-21	- - - -	**CBS18-21	
	11.75	19,800	1880	C16-31FF/FC, C16-31WFF/FC	CR16-31FF	CH16-31FF	
	11.95	20,400	1885	C16-28FF/FC, C16-28WFF/FC	- - - -	- - - -	
	12.00	20,400	1885	C14-26FF/FC	- - - -	- - - -	
	12.30	20,400	1835	**CB18-26	- - - -	**CBS18-26	
	12.85	20,800	1790	**CB19-21	**CB19-21	**CBH19-21	
HS22-261V (7.6)	11.35	22,400	2232	C16-21FF/FC	CR16-21FF	- - - -	LB-53081CD **(27G88)**
	11.60	22,600	2191	**CB18-21	- - - -	**CBS18-21	
	11.50	22,800	2236	- - - -	- - - -	CH16-21FF	
	12.70	23,000	2068	**CB19-21	**CB19-21	**CBH19-21	
	11.95	23,800	2248	C16-28FF/FC, C16-28WFF/FC C16-31FF/FC, C16-31WFF/FC	CR16-31FF	CH16-31FF	
	12.00	23,800	2303	**CB18-26	- - - -	**CBS18-26	
	12.90	24,000	2126	**CB19-26	**CB19-26	**CBH19-26	
	12.20	24,400	2255	C16-41FF/FC, C16-41WFF/FC	CR16-41FF	- - - -	
	12.30	24,600	2257	- - - -	- - - -	CH16-41FF	
	12.65	25,400	2252	C14-26FF/FC	- - - -	- - - -	
HS22-311V (7.6)	12.20	29,400	2686	**CB18-26	- - - -	**CBS18-26	LB-53081CD **(27G88)**
	12.85	29,800	2593	**CB19-26	**CB19-26	**CBH19-26	
	12.35	29,800	2709	C16-28FF/FC, C16-28WFF/FC C16-31FF/FC, C16-31WFF/FC	CR16-31FF	CH16-31FF	
	12.45	30,200	2716	**CB18-31	- - - -	**CBS18-31	
	12.65	30,200	2673	C14-26FF/FC	- - - -	- - - -	
	12.55	30,600	2715	C16-41FF/FC, C16-41WFF/FC	CR16-41FF	CH16-41FF	
	12.65	30,600	2741	**CB18-41	- - - -	**CBS18-41	
	12.90	31,200	2683	**CB19-31	**CB19-31	**CBH19-31	
	13.25	32,000	2683	C14-41FF/FC	- - - -	- - - -	
HS22-411V (7.8)	11.55	33,000	3194	C16-28FF/FC, C16-28WFF/FC C16-31FF/FC, C16-31WFF/FC	CR16-31FF	CH16-31FF	LB-53081CB **(11G82)**
	12.30	35,200	3218	**CB18-31	- - - -	**CBS18-31	
	11.90	35,400	3282	- - - -	CR16-51FF	- - - -	
	12.00	35,400	3284	C16-41FF/FC, C16-41WFF/FC	CR16-41FF	CH16-41FF	
	12.35	35,600	3233	**CB18-41	- - - -	**CBS18-41	
	12.15	36,000	3292	C16-46FF/FC, C16-46WFF/FC	- - - -	- - - -	
	13.00	36,000	3105	**CB19-31	**CB19-31	**CBH19-31	
	12.15	36,200	3307	C16-51FF/FC	- - - -	- - - -	
	12.40	36,400	3435	- - - -	- - - -	CH20-51	
	12.20	36,600	3327	**CB18-51	- - - -	**CBS18-51	
	13.20	36,600	3158	**CB19-41	**CB19-41	**CBH19-41	
	12.75	36,800	3272	C14-41FF/FC	- - - -	- - - -	
	13.05	37,000	3130	**CB21-41	**CB21-41	**CBH21-41	
	13.00	37,600	3238	**CB19-51	**CB19-51	**CBH19-51	
	13.50	38,000	3155	**CB21-51	**CB21-51	**CBH21-51	

● Rated in accordance with ARI Standard 210/240 and DOE; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.
* Sound Rating Number in accordance with ARI Standard 270.
** Blower powered evaporator.
*** Kit is optional and must be ordered extra.
NOTE — Shaded area denotes most popular evaporator 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)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
HS22-461V (7.8)	11.75	38,500	3711	**CB18-41	- - - -	**CBS18-41	LB-53081CB **(11G82)**
	12.00	39,000	3698	C16-41FF/FC, C16-41WFF/FC	CR16-41FF	CH16-41FF	
	12.10	40,000	3761	C16-46FF/FC, C16-46WFF/FC	CR16-51FF		
	12.60	40,500	3664	**CB19-41	**CB19-41	**CBH19-41	
	12.20	41,000	3817	C16-51FF/FC	- - - -	- - - -	
	11.85	41,000	3884	**CB18-51	- - - -	**CBS18-51	
	12.50	41,000	3540	**CB21-41	**CB21-41	**CBH21-41	
	12.55	41,500	3748	C14-41FF/FC	- - - -	- - - -	
	12.10	41,500	3920	- - - -	- - - -	CH20-51	
	12.45	42,500	3830	**CB19-51	**CB19-51	**CBH19-51	
	12.75	44,500	3775	**CB21-51	**CB21-51	**CBH21-51	
HS22-511V (7.8)	11.20	45,000	4526	- - - -	CR16-51FF	- - - -	LB-53081CC **(11G83)**
	11.35	45,500	4532	C16-46FF/FC, C16-46WFF/FC	- - - -	- - - -	
	11.50	46,000	4545	C16-51FF/FC	- - - -	- - - -	
	11.65	46,500	4548	- - - -	CR16-65	- - - -	
	12.05	47,000	4488	C16-65, C16-65FC	- - - -	- - - -	
	12.15	47,000	4368	**CB19-41	**CB19-41	**CBH19-41	
	11.85	47,000	4520	**CB18-51	- - - -	**CBS18-51	
	11.75	47,500	4547	- - - -	- - - -	CH19-51	
	12.05	47,500	4473	**CB19-51	**CB19-51	**CBH19-51	
	11.65	48,000	4665	**CB18-65	- - - -	**CBS18-65	
	11.85	48,000	4558	- - - -	- - - -	CH20-51	
	12.05	48,500	4565	C14-41FF/FC	- - - -	- - - -	
	12.15	49,000	4574	C14-65, C14-65FC	- - - -	- - - -	
	12.15	49,000	4574	- - - -	- - - -	CH20-65	
	12.05	49,000	4569	- - - -	- - - -	CH19-65	
	12.20	49,000	4535	**CB19-65	**CB19-65	**CBH19-65	
	13.05	49,500	4350	**CB21-65	**CB21-65	**CBH21-65	
	13.35	51,500	4376	**CB21-51	**CB21-51	**CBH21-51	
HS22-651V (7.8)	11.05	53,000	5450	- - - -	CR16-51FF	- - - -	LB-53081CE **(32G54)**
	11.35	54,500	5449	C16-51FF/FC	- - - -	- - - -	
	11.35	55,000	5464	- - - -	CR16-65	- - - -	
	11.50	55,000	5484	**CB18-51	- - - -	**CBS18-51	
	11.60	56,000	5457	- - - -	- - - -	CH20-51	
	12.05	56,000	5409	C16-65, C16-65FC	- - - -	- - - -	
	11.65	56,500	5465	- - - -	- - - -	CH19-51	
	11.85	56,500	5381	**CB19-51	**CB19-51	**CBH19-51	
	11.85	57,000	5469	C14-41FF/FC	- - - -	- - - -	
	11.55	57,500	5705	**CB18-65	- - - -	**CBS18-65	
	12.10	57,500	5479	C14-65, C14-65FC	- - - -	- - - -	
	12.05	57,500	5452	- - - -	- - - -	CH20-65	
	12.05	58,000	5476	- - - -	- - - -	CH19-65	
	12.15	59,500	5538	**CB19-65	**CB19-65	**CBH19-65	
	13.15	60,000	5273	**CB21-51	**CB21-51	**CBH21-51	
	12.80	60,000	5363	**CB21-65	**CB21-65	**CBH21-65	

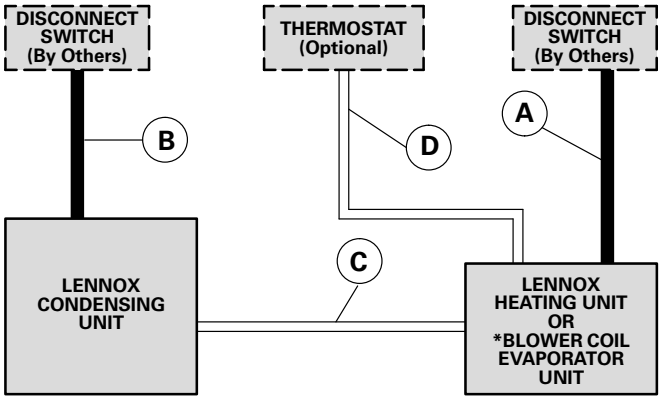
● Rated in accordance with ARI Standard 210/240 and DOE; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.
* Sound Rating Number in accordance with ARI Standard 270.
** Blower powered evaporator.
*** Kit is optional and must be ordered extra.
NOTE — Shaded area denotes most popular evaporator 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 National 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

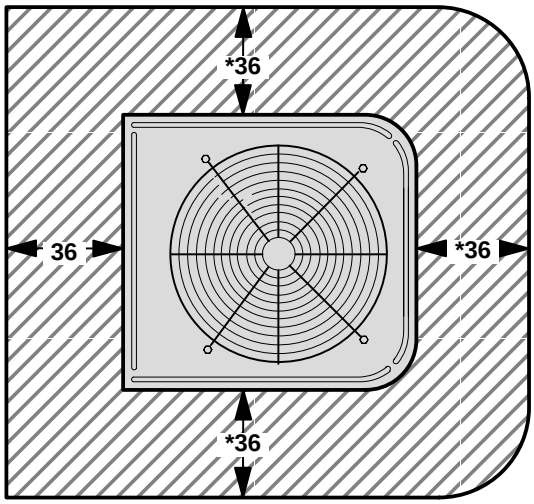
All wiring must conform to NEC and local electrical codes.

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suct. & Liq. Lines (in.)	Liquid Line (o.d. in.)	Suction Line (o.d. in.)
HS22-211V	L10-26-20	20	3/8	5/8
	L10-26-25	25		
	L10-26-35	35		
	L10-26-50	50		
HS22-261V HS22-311V HS22-411V	L10-41-20	20	3/8	3/4
	L10-41-30	30		
	L10-41-40	40		
	L10-41-50	50		
HS22-461V HS22-511V	L10-65-30	30	3/8	7/8
	L10-65-40	40		
	L10-65-50	50		
HS22-651V	*Not available		3/8	1-1/8

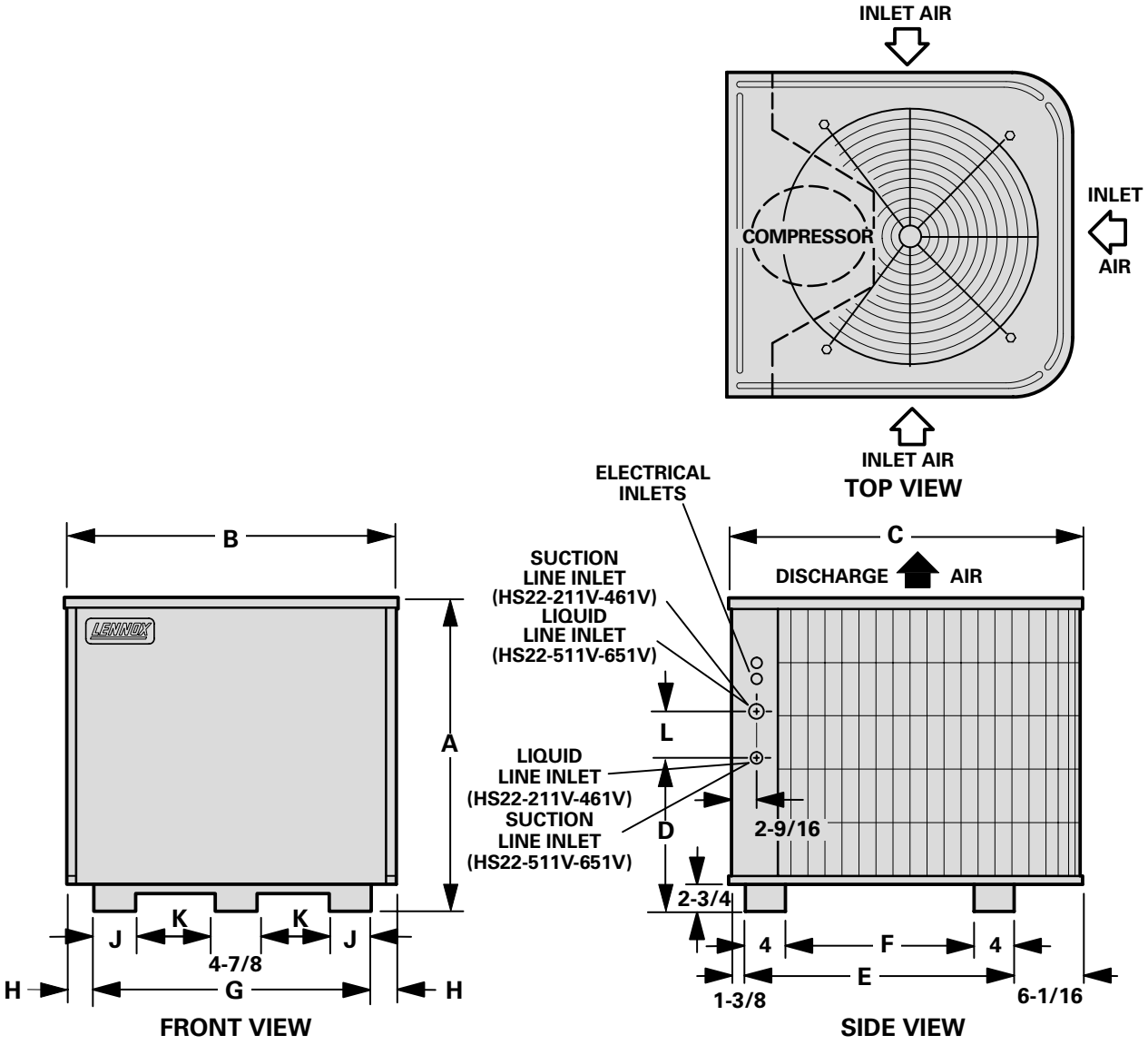
*Field fabricate.

INSTALLATION CLEARANCES (inches)



NOTE—48" clearance required on top of unit.
***NOTE—One side of coil may be 12 inches.**

DIMENSIONS (inches)



Model No.	A	B	C	D	E	F	G	H	J	K	L
HS22-211V HS22-261V	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	4-13/16
HS22-311V HS22-411V HS22-461V	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	4-13/16
HS22-511V HS22-651V	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	3-1/16

RATINGS

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	18,900	1270	.76	.91	1.00	18,300	1410	.78	.92	1.00	17,500	1600	.79	.94	1.00	16,900	1820	.80	.95	1.00
	700	19,500	1280	.80	.94	1.00	18,900	1420	.81	.96	1.00	18,200	1600	.83	.98	1.00	17,500	1820	.84	.99	1.00
	800	20,100	1280	.83	.98	1.00	19,400	1420	.84	.99	1.00	18,600	1600	.86	1.00	1.00	17,900	1830	.88	1.00	1.00
67	600	19,800	1280	.60	.74	.87	19,200	1420	.61	.75	.89	18,500	1600	.62	.76	.91	17,700	1830	.63	.78	.92
	700	20,400	1280	.62	.77	.92	19,800	1420	.63	.79	.93	19,000	1600	.64	.80	.95	18,300	1830	.65	.82	.97
	800	20,900	1290	.64	.80	.95	20,200	1430	.65	.82	.97	19,500	1610	.66	.84	.98	18,600	1840	.67	.86	1.00
71	600	20,700	1280	.45	.59	.72	20,000	1430	.45	.59	.73	19,300	1610	.45	.60	.74	18,600	1840	.46	.61	.75
	700	21,300	1290	.46	.61	.75	20,600	1430	.46	.62	.76	19,900	1610	.47	.63	.78	19,100	1840	.47	.64	.80
	800	21,800	1300	.47	.63	.78	21,100	1440	.47	.64	.80	20,300	1620	.48	.65	.81	19,600	1840	.48	.66	.83

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

HS22-211V WITH CH16-21FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	19,100	1270	.75	.89	1.00	18,400	1410	.76	.90	1.00	17,700	1590	.77	.92	1.00	16,900	1820	.79	.94	1.00
	700	19,700	1280	.78	.93	1.00	19,000	1420	.79	.94	1.00	18,300	1600	.81	.96	1.00	17,500	1820	.83	.98	1.00
	800	20,300	1280	.81	.96	1.00	19,500	1420	.83	.98	1.00	18,700	1600	.84	.99	1.00	18,000	1830	.86	1.00	1.00
67	600	20,200	1280	.59	.72	.85	19,500	1420	.59	.73	.87	18,800	1600	.60	.75	.89	18,000	1830	.61	.76	.90
	700	20,800	1290	.61	.75	.89	20,100	1430	.62	.77	.91	19,300	1610	.62	.78	.93	18,500	1830	.63	.80	.95
	800	21,300	1290	.63	.79	.93	20,500	1430	.64	.80	.95	19,800	1610	.65	.82	.97	18,900	1840	.66	.84	.99
71	600	21,300	1290	.44	.57	.70	20,600	1430	.45	.58	.71	19,900	1610	.45	.59	.72	19,100	1840	.45	.60	.73
	700	21,900	1300	.45	.59	.73	21,200	1440	.46	.60	.74	20,400	1620	.46	.61	.76	19,600	1840	.46	.62	.77
	800	22,500	1300	.46	.61	.76	21,700	1440	.46	.62	.78	20,900	1620	.47	.63	.79	20,100	1850	.47	.65	.81

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	19,000	1270	.75	.89	1.00	18,300	1410	.76	.91	1.00	17,600	1590	.78	.93	1.00	16,800	1820	.79	.95	1.00
	700	19,600	1280	.78	.93	1.00	18,900	1420	.80	.95	1.00	18,200	1600	.81	.97	1.00	17,500	1820	.83	.98	1.00
	800	20,200	1280	.81	.97	1.00	19,500	1420	.83	.98	1.00	18,700	1600	.85	.99	1.00	18,000	1830	.87	1.00	1.00
67	600	20,000	1280	.59	.73	.86	19,300	1420	.60	.74	.87	18,600	1600	.61	.75	.89	17,800	1830	.62	.77	.91
	700	20,600	1280	.61	.76	.90	19,900	1430	.62	.77	.92	19,200	1600	.63	.79	.94	18,400	1830	.64	.80	.95
	800	21,100	1290	.63	.79	.94	20,400	1430	.64	.81	.95	19,600	1610	.65	.82	.97	18,800	1830	.66	.84	.99
71	600	20,900	1290	.45	.58	.70	20,200	1430	.45	.59	.71	19,500	1610	.45	.59	.73	18,800	1830	.46	.60	.74
	700	21,600	1290	.46	.60	.74	20,900	1440	.46	.61	.75	20,100	1610	.46	.62	.76	19,300	1840	.47	.63	.78
	800	22,200	1300	.46	.62	.77	21,400	1440	.47	.63	.78	20,600	1620	.47	.64	.80	19,800	1850	.48	.65	.82

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	19,600	1280	.75	.90	1.00	18,900	1420	.76	.91	1.00	18,200	1600	.77	.92	1.00	17,400	1820	.79	.94	1.00
	700	20,200	1280	.78	.94	1.00	19,500	1420	.80	.95	1.00	18,700	1600	.81	.97	1.00	18,000	1830	.83	.99	1.00
	800	20,600	1280	.82	.98	1.00	19,900	1430	.83	.99	1.00	19,300	1600	.85	1.00	1.00	18,500	1830	.87	1.00	1.00
67	600	20,700	1290	.59	.72	.86	20,000	1430	.60	.74	.87	19,300	1610	.60	.75	.89	18,500	1830	.61	.76	.91
	700	21,300	1290	.61	.76	.91	20,600	1430	.62	.77	.92	19,800	1610	.63	.79	.94	19,000	1840	.64	.80	.96
	800	21,800	1300	.63	.79	.94	21,000	1440	.64	.81	.96	20,200	1610	.65	.82	.98	19,400	1840	.66	.84	.99
71	600	21,800	1300	.44	.57	.70	21,100	1440	.44	.58	.71	20,400	1620	.45	.59	.72	19,600	1840	.45	.60	.74
	700	22,500	1300	.45	.60	.73	21,700	1440	.45	.60	.75	20,900	1620	.46	.61	.76	20,100	1850	.46	.62	.78
	800	23,000	1310	.46	.62	.77	22,200	1450	.46	.63	.79	21,400	1630	.47	.64	.80	20,500	1860	.47	.65	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	20,100	1280	.74	.88	1.00	19,400	1420	.76	.90	1.00	18,700	1600	.77	.91	1.00	17,900	1830	.78	.94	1.00
	700	20,700	1280	.77	.92	1.00	20,000	1430	.79	.94	1.00	19,300	1610	.80	.96	1.00	18,500	1830	.82	.98	1.00
	800	21,200	1290	.80	.96	1.00	20,500	1430	.82	.98	1.00	19,700	1610	.83	.99	1.00	19,100	1840	.85	1.00	1.00
67	600	21,000	1290	.59	.72	.85	20,400	1430	.59	.73	.86	19,700	1610	.60	.74	.88	18,900	1830	.61	.76	.90
	700	21,700	1290	.61	.75	.89	21,000	1440	.62	.76	.91	20,300	1610	.62	.78	.93	19,500	1840	.63	.79	.95
	800	22,200	1300	.62	.78	.93	21,500	1440	.63	.79	.95	20,700	1620	.64	.81	.97	19,900	1850	.66	.83	.99
71	600	21,900	1300	.44	.57	.70	21,200	1440	.44	.58	.71	20,500	1620	.44	.59	.72	19,700	1850	.45	.60	.73
	700	22,600	1300	.45	.59	.73	21,900	1450	.45	.60	.74	21,200	1630	.46	.61	.75	20,400	1860	.46	.62	.77
	800	23,200	1310	.45	.61	.76	22,400	1450	.46	.62	.77	21,700	1630	.47	.63	.79	20,800	1860	.47	.64	.81

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

HS22-211V WITH C14-26FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	20,000	1280	.77	.91	1.00	19,400	1420	.78	.93	1.00	18,600	1600	.79	.95	1.00	17,900	1830	.81	.97	1.00
	700	20,700	1290	.81	.96	1.00	20,000	1430	.82	.98	1.00	19,300	1610	.84	.99	1.00	18,600	1840	.85	1.00	1.00
	800	21,400	1290	.84	1.00	1.00	20,700	1430	.86	1.00	1.00	20,000	1610	.88	1.00	1.00	19,300	1840	.90	1.00	1.00
67	600	21,200	1290	.60	.74	.88	20,500	1430	.60	.75	.90	19,700	1610	.61	.77	.91	18,900	1840	.62	.78	.93
	700	21,900	1300	.62	.78	.93	21,100	1440	.63	.80	.95	20,300	1610	.64	.81	.97	19,400	1840	.65	.83	.99
	800	22,300	1300	.65	.82	.98	21,500	1440	.66	.84	.99	20,700	1620	.67	.86	1.00	19,900	1850	.68	.88	1.00
71	600	22,400	1300	.44	.58	.72	21,600	1440	.44	.59	.73	20,800	1620	.45	.60	.74	20,000	1850	.45	.61	.76
	700	23,000	1310	.45	.61	.76	22,300	1450	.45	.62	.77	21,400	1630	.46	.63	.79	20,600	1860	.46	.64	.80
	800	23,500	1310	.46	.64	.80	22,700	1460	.47	.65	.82	21,900	1640	.47	.66	.83	21,000	1870	.48	.67	.85

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	19,800	1280	.75	.90	1.00	19,200	1420	.76	.91	1.00	18,400	1600	.78	.93	1.00	17,700	1830	.79	.95	1.00
	700	20,500	1280	.79	.94	1.00	19,800	1420	.80	.96	1.00	19,000	1600	.82	.98	1.00	18,300	1830	.84	.99	1.00
	800	21,000	1290	.82	.98	1.00	20,300	1430	.84	.99	1.00	19,600	1610	.86	1.00	1.00	18,900	1830	.88	1.00	1.00
67	600	21,000	1290	.59	.73	.87	20,300	1430	.60	.74	.88	19,500	1610	.61	.75	.90	18,700	1830	.61	.77	.91
	700	21,600	1290	.61	.76	.91	20,900	1440	.62	.78	.93	20,100	1610	.63	.79	.94	19,200	1840	.64	.81	.97
	800	22,100	1300	.63	.80	.95	21,300	1440	.64	.82	.97	20,500	1620	.65	.84	.99	19,700	1850	.67	.86	1.00
71	600	22,100	1300	.44	.58	.70	21,400	1440	.45	.58	.71	20,600	1620	.45	.59	.73	19,800	1850	.45	.60	.74
	700	22,800	1300	.45	.60	.74	22,000	1450	.46	.61	.75	21,200	1630	.46	.62	.77	20,400	1860	.46	.63	.79
	800	23,300	1310	.46	.62	.78	22,500	1450	.46	.63	.79	21,700	1630	.47	.64	.81	20,800	1860	.48	.65	.84

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

HS22-211V WITH CB19-21 OR CBH19-21 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	600	20,200	1280	.76	.91	1.00	19,500	1420	.77	.92	1.00	18,700	1600	.79	.94	1.00	18,000	1830	.81	.96	1.00
	700	20,800	1290	.80	.96	1.00	20,200	1430	.82	.97	1.00	19,400	1610	.83	.99	1.00	18,600	1840	.85	1.00	1.00
	800	21,500	1290	.84	.99	1.00	20,700	1430	.86	1.00	1.00	20,000	1610	.87	1.00	1.00	19,300	1840	.89	1.00	1.00
67	600	21,300	1290	.60	.74	.88	20,600	1430	.60	.75	.89	19,800	1610	.61	.76	.91	19,000	1840	.62	.78	.93
	700	21,900	1300	.62	.78	.92	21,200	1440	.63	.79	.94	20,400	1620	.64	.81	.96	19,500	1840	.65	.83	.98
	800	22,400	1300	.64	.82	.97	21,600	1440	.65	.83	.98	20,800	1620	.66	.85	1.00	20,000	1850	.68	.87	1.00
71	600	22,500	1300	.44	.58	.71	21,700	1440	.45	.59	.72	20,900	1620	.45	.60	.74	20,100	1850	.45	.61	.75
	700	23,100	1310	.45	.61	.75	22,300	1450	.46	.62	.77	21,500	1630	.46	.62	.78	20,600	1860	.47	.64	.80
	800	23,600	1310	.47	.63	.79	22,800	1460	.47	.64	.81	22,000	1640	.47	.65	.83	21,100	1870	.48	.67	.85

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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	22,200	1510	.75	.89	.99	21,400	1700	.76	.91	1.00	20,700	1900	.78	.92	1.00	19,800	2090	.79	.94	1.00
	850	23,100	1520	.79	.94	1.00	22,300	1710	.81	.95	1.00	21,500	1900	.82	.97	1.00	20,600	2100	.84	.99	1.00
	1000	23,900	1530	.83	.98	1.00	23,100	1710	.84	.99	1.00	22,200	1910	.86	1.00	1.00	21,200	2110	.88	1.00	1.00
67	700	23,300	1520	.59	.73	.85	22,500	1710	.60	.74	.87	21,700	1900	.61	.75	.89	20,900	2100	.62	.77	.91
	850	24,300	1530	.62	.77	.91	23,400	1720	.62	.78	.92	22,500	1910	.64	.80	.94	21,600	2110	.65	.81	.96
	1000	25,000	1540	.64	.80	.95	24,100	1720	.65	.82	.96	23,200	1920	.66	.84	.98	22,200	2120	.67	.86	.99
71	700	24,400	1530	.44	.58	.70	23,600	1720	.45	.58	.71	22,700	1910	.45	.59	.73	21,800	2110	.45	.60	.74
	850	25,400	1540	.45	.60	.74	24,500	1730	.46	.61	.76	23,700	1930	.46	.62	.77	22,700	2130	.47	.63	.79
	1000	26,200	1550	.47	.63	.78	25,300	1740	.47	.64	.80	24,300	1930	.47	.65	.81	23,300	2130	.48	.66	.83

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	22,200	1510	.73	.87	.99	21,400	1700	.75	.89	1.00	20,500	1890	.76	.91	1.00	19,700	2090	.77	.93	1.00
	850	23,000	1520	.77	.93	1.00	22,300	1710	.79	.94	1.00	21,400	1900	.80	.96	1.00	20,500	2100	.82	.98	1.00
	1000	23,900	1530	.81	.97	1.00	23,000	1710	.83	.98	1.00	22,200	1910	.85	.99	1.00	21,200	2100	.87	1.00	1.00
67	700	23,400	1520	.58	.71	.84	22,600	1710	.59	.72	.85	21,700	1900	.59	.73	.87	20,800	2100	.60	.75	.89
	850	24,400	1530	.60	.75	.89	23,500	1720	.61	.76	.91	22,600	1910	.62	.78	.93	21,600	2110	.63	.80	.95
	1000	25,200	1540	.63	.79	.94	24,300	1730	.64	.80	.96	23,300	1920	.65	.82	.98	22,300	2120	.66	.84	.99
71	700	24,500	1530	.44	.57	.68	23,700	1720	.44	.57	.70	22,800	1910	.44	.58	.71	21,900	2110	.45	.59	.72
	850	25,600	1540	.45	.59	.72	24,700	1730	.45	.60	.74	23,800	1930	.45	.61	.75	22,800	2130	.46	.62.	77
	1000	26,500	1550	.46	.61	.76	25,500	1740	.46	.62	.78	24,500	1940	.47	.63	.79	23,500	2140	.47	.65	.82

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

HS22-261V WITH CH16-21FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	22,400	1510	.74	.87	.99	21,500	1700	.75	.89	1.00	20,700	1900	.76	.91	1.00	19,800	2090	.77	.92	1.00
	850	23,200	1520	.78	.93	1.00	22,500	1710	.79	.94	1.00	21,500	1900	.80	.96	1.00	20,600	2100	.82	.98	1.00
	1000	24,000	1530	.81	.97	1.00	23,100	1720	.83	.98	1.00	22,200	1910	.85	1.00	1.00	21,300	2110	.87	1.00	1.00
67	700	23,700	1530	.58	.71	.84	22,900	1710	.59	.72	.85	22,000	1910	.59	.73	.87	21,100	2100	.60	.75	.89
	850	24,700	1530	.60	.75	.89	23,800	1720	.61	.76	.91	22,900	1920	.62	.78	.93	21,900	2110	.63	.80	.95
	1000	25,400	1540	.63	.79	.94	24,500	1730	.64	.81	.96	23,500	1920	.65	.82	.97	22,400	2120	.66	.84	.99
71	700	25,100	1540	.44	.56	.68	24,200	1730	.44	.57	.70	23,300	1920	.44	.58	.71	22,300	2120	.45	.59	.72
	850	26,100	1550	.45	.59	.72	25,200	1740	.45	.60	.74	24,200	1930	.46	.61	.75	23,200	2130	.46	.62	.77
	1000	26,900	1560	.46	.62	.76	25,900	1750	.46	.62	.78	24,900	1940	.47	.64	.80	23,800	2150	.47	.65	.82

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	500	21,700	1510	.69	.80	.92	21,000	1700	.70	.82	.93	20,200	1890	.71	.83	.95	19,300	2090	.72	.85	.97
	625	23,000	1520	.73	.86	.98	22,100	1710	.74	.88	.99	21,300	1900	.75	.89	1.00	20,400	2100	.76	.91	1.00
	750	24,000	1530	.77	.91	1.00	23,100	1720	.78	.93	1.00	22,200	1910	.79	.95	1.00	21,200	2110	.81	.97	1.00
67	500	23,000	1520	.55	.66	.77	22,200	1710	.56	.67	.78	21,400	1900	.56	.68	.79	20,500	2100	.57	.69	.81
	625	24,400	1530	.57	.70	.82	23,500	1720	.58	.71	.84	22,600	1910	.59	.72	.86	21,700	2110	.60	.74	.88
	750	25,400	1540	.60	.74	.88	24,500	1730	.60	.75	.90	23,500	1930	.61	.77	.91	22,500	2130	.62	.78	.94
71	500	24,300	1530	.43	.53	.64	23,500	1720	.43	.54	.64	22,600	1920	.43	.54	.65	21,700	2110	.43	.55	.66
	625	25,800	1550	.44	.56	.67	24,900	1740	.44	.56	.68	23,900	1930	.44	.57	.70	23,000	2130	.44	.58	.71
	750	26,900	1560	.44	.58	.71	25,900	1750	.45	.59	.73	24,900	1950	.45	.60	.74	23,900	2150	.45	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	23,200	1520	.74	.87	.99	22,400	1710	.75	.89	1.00	21,500	1900	.76	.90	1.00	20,600	2100	.77	.92	1.00
	850	24,200	1530	.78	.93	1.00	23,400	1720	.79	.94	1.00	22,400	1910	.80	.96	1.00	21,600	2110	.82	.98	1.00
	1000	25,000	1540	.81	.97	1.00	24,100	1720	.83	.99	1.00	23,100	1920	.85	1.00	1.00	22,300	2120	.87	1.00	1.00
67	700	24,700	1540	.58	.71	.83	23,800	1720	.59	.72	.85	22,900	1920	.59	.73	.87	22,000	2120	.60	.75	.89
	850	25,700	1550	.60	.75	.89	24,800	1730	.61	.76	.91	23,800	1930	.62	.78	.93	22,800	2130	.63	.80	.95
	1000	26,500	1550	.63	.79	.94	25,500	1740	.64	.80	.96	24,500	1940	.65	.82	.98	23,400	2140	.66	.84	.99
71	700	26,100	1550	.44	.56	.68	25,200	1740	.44	.57	.69	24,300	1930	.44	.58	.71	23,300	2130	.45	.59	.72
	850	27,200	1560	.45	.59	.72	26,300	1750	.45	.60	.74	25,300	1950	.46	.61	.75	24,200	2150	.46	.62	.77
	1000	28,100	1570	.46	.61	.76	27,100	1760	.46	.62	.78	26,000	1960	.47	.64	.80	24,900	2170	.47	.65	.82

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	23,200	1510	.74	.88	.99	22,300	1690	.75	.90	1.00	21,500	1880	.76	.91	1.00	20,600	2080	.78	.93	1.00
	850	24,200	1520	.78	.93	1.00	23,400	1700	.80	.95	1.00	22,400	1890	.81	.97	1.00	21,500	2090	.83	.99	1.00
	1000	25,000	1530	.82	.98	1.00	24,100	1710	.84	.99	1.00	23,200	1900	.86	1.00	1.00	22,300	2100	.88	1.00	1.00
67	700	24,700	1520	.58	.71	.84	23,800	1710	.59	.73	.86	22,900	1900	.60	.74	.88	21,900	2100	.61	.75	.90
	850	25,700	1530	.61	.76	.90	24,800	1720	.62	.77	.92	23,800	1910	.63	.79	.94	22,700	2110	.64	.81	.96
	1000	26,500	1540	.63	.80	.95	25,500	1730	.64	.82	.97	24,400	1920	.65	.83	.99	23,200	2120	.67	.86	1.00
71	700	26,100	1540	.44	.57	.69	25,200	1720	.44	.57	.70	24,200	1920	.44	.58	.71	23,200	2120	.45	.59	.73
	850	27,200	1550	.45	.59	.73	26,200	1740	.45	.60	.75	25,200	1930	.46	.61	.76	24,100	2130	.46	.62	.78
	1000	28,000	1560	.46	.62	.77	27,000	1750	.47	.63	.79	25,900	1940	.47	.64	.81	24,800	2150	.47	.65	.83

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	23,600	1530	.75	.89	1.00	22,700	1710	.76	.91	1.00	21,900	1910	.78	.93	1.00	20,900	2100	.79	.95	1.00
	800	24,300	1530	.78	.93	1.00	23,400	1720	.79	.95	1.00	22,500	1910	.81	.97	1.00	21,600	2110	.83	.99	1.00
	900	24,900	1540	.81	.97	1.00	24,000	1730	.83	.98	1.00	23,100	1920	.84	1.00	1.00	22,100	2120	.86	1.00	1.00
67	700	25,000	1540	.59	.72	.86	24,100	1730	.59	.74	.87	23,200	1920	.60	.75	.89	22,200	2120	.61	.77	.91
	800	25,800	1550	.61	.76	.90	24,800	1740	.61	.77	.92	23,800	1930	.62	.78	.93	22,800	2130	.63	.80	.96
	900	26,300	1560	.63	.79	.94	25,300	1740	.63	.80	.96	24,300	1940	.64	.82	.97	23,200	2140	.66	.84	.99
71	700	26,500	1560	.44	.57	.70	25,500	1750	.44	.58	.71	24,600	1940	.45	.59	.72	23,500	2140	.45	.60	.74
	800	27,200	1570	.45	.59	.73	26,200	1750	.45	.60	.74	25,200	1950	.45	.61	.76	24,200	2160	.46	.62	.78
	900	27,900	1570	.46	.61	.76	26,800	1760	.46	.62	.78	25,800	1960	.46	.63	.79	24,700	2170	.47	.64	.81

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	23,700	1530	.73	.87	.99	22,800	1710	.74	.89	1.00	21,900	1900	.75	.91	1.00	21,000	2100	.77	.92	1.00
	850	24,700	1530	.77	.93	1.00	23,800	1720	.79	.95	1.00	22,800	1910	.80	.97	1.00	21,900	2110	.82	.98	1.00
	1000	25,500	1540	.81	.98	1.00	24,600	1730	.83	.99	1.00	23,700	1920	.85	1.00	1.00	22,700	2130	.87	1.00	1.00
67	700	25,100	1540	.58	.71	.83	24,300	1730	.58	.72	.85	23,300	1920	.59	.73	.87	22,300	2120	.60	.74	.89
	850	26,200	1550	.60	.75	.89	25,200	1740	.61	.76	.91	24,300	1930	.62	.77	.93	23,200	2130	.63	.79	.95
	1000	27,000	1560	.62	.79	.95	26,000	1750	.63	.80	.96	24,900	1940	.64	.82	.98	23,800	2140	.66	.84	1.00
71	700	26,600	1560	.43	.56	.68	25,700	1740	.44	.57	.69	24,700	1940	.44	.57	.70	23,700	2140	.44	.58	.72
	850	27,700	1570	.45	.59	.72	26,700	1760	.45	.59	.73	25,700	1960	.45	.60	.75	24,700	2160	.46	.61	.77
	1000	28,600	1580	.46	.61	.76	27,600	1770	.46	.62	.78	26,500	1970	.46	.63	.80	25,400	2170	.47	.64	.82

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS22-261V WITH CH16-41FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	24,100	1530	.73	.88	1.00	23,200	1720	.74	.89	1.00	22,300	1910	.76	.91	1.00	21,300	2110	.77	.93	1.00
	850	25,100	1540	.78	.94	1.00	24,200	1730	.79	.95	1.00	23,200	1920	.81	.97	1.00	22,200	2120	.83	.99	1.00
	1000	26,000	1550	.82	.99	1.00	25,100	1740	.84	1.00	1.00	24,200	1930	.86	1.00	1.00	23,200	2130	.88	1.00	1.00
67	700	25,700	1550	.58	.71	.84	24,800	1730	.58	.72	.86	23,800	1930	.59	.73	.87	22,800	2130	.60	.75	.89
	850	26,800	1560	.60	.75	.90	25,700	1740	.61	.77	.92	24,700	1940	.62	.78	.94	23,600	2140	.63	.80	.96
	1000	27,500	1570	.63	.80	.95	26,400	1750	.64	.81	.98	25,300	1950	.65	.83	.99	24,200	2150	.66	.85	1.00
71	700	27,300	1560	.43	.56	.68	26,400	1750	.44	.57	.69	25,300	1950	.44	.57	.70	24,300	2150	.44	.58	.72
	850	28,400	1580	.44	.59	.73	27,400	1770	.45	.59	.74	26,300	1970	.45	.60	.76	25,200	2170	.46	.62	.77
	1000	29,300	1590	.46	.61	.77	28,200	1780	.46	.62	.79	27,000	1980	.46	.64	.81	25,900	2190	.47	.65	.83

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

HS22-261V WITH C14-26FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	700	24,600	1530	.73	.88	1.00	23,700	1710	.74	.90	1.00	22,900	1910	.75	.92	1.00	21,900	2110	.77	.94	1.00
	850	25,700	1540	.78	.95	1.00	24,900	1720	.79	.97	1.00	23,800	1920	.81	.99	1.00	22,900	2120	.83	1.00	1.00
	1000	26,800	1550	.83	1.00	1.00	25,900	1740	.85	1.00	1.00	24,900	1930	.87	1.00	1.00	24,000	2130	.89	1.00	1.00
67	700	26,200	1540	.57	.70	.84	25,200	1730	.58	.72	.86	24,300	1920	.59	.73	.88	23,200	2120	.59	.74	.90
	850	27,300	1550	.60	.75	.91	26,300	1740	.61	.76	.93	25,200	1940	.62	.78	.96	24,100	2140	.63	.80	.98
	1000	28,100	1560	.63	.80	.97	27,000	1750	.64	.82	.99	25,800	1950	.65	.84	1.00	24,800	2150	.66	.86	1.00
71	700	27,700	1560	.43	.56	.68	26,700	1750	.43	.56	.69	25,700	1940	.43	.57	.70	24,600	2150	.44	.58	.72
	850	28,800	1570	.44	.59	.72	27,800	1760	.44	.59	.74	26,700	1960	.45	.60	.75	25,600	2160	.45	.61	.77
	1000	29,700	1580	.45	.61	.77	28,700	1770	.46	.62	.79	27,500	1970	.46	.64	.81	26,300	2180	.47	.65	.84

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	800	29,200	1900	.72	.85	.97	28,200	2100	.73	.86	.99	27,100	2340	.74	.88	1.00	26,000	2650	.75	.90	1.00
	900	29,900	1910	.74	.88	1.00	28,900	2110	.75	.90	1.00	27,800	2350	.76	.92	1.00	26,700	2660	.78	.94	1.00
	1000	30,600	1910	.76	.91	1.00	29,600	2110	.77	.93	1.00	28,500	2360	.79	.95	1.00	27,200	2670	.81	.97	1.00
67	800	31,000	1910	.57	.69	.81	29,900	2120	.57	.70	.83	28,800	2370	.58	.71	.84	27,600	2680	.59	.73	.86
	900	31,800	1920	.58	.71	.85	30,700	2120	.59	.73	.86	29,500	2370	.60	.74	.88	28,300	2690	.60	.75	.90
	1000	32,500	1920	.59	.74	.88	31,300	2130	.60	.75	.90	30,100	2380	.61	.76	.91	28,800	2700	.62	.78	.94
71	800	32,700	1930	.43	.55	.67	31,600	2130	.43	.56	.68	30,400	2390	.44	.56	.69	29,300	2710	.44	.57	.70
	900	33,600	1930	.44	.57	.69	32,400	2140	.44	.57	.70	31,200	2400	.44	.58	.71	29,900	2720	.45	.59	.73
	1000	34,300	1940	.44	.58	.71	33,100	2150	.45	.59	.72	31,800	2400	.45	.60	.74	30,500	2730	.45	.61	.76

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	750	28,700	1920	.71	.85	.97	27,600	2120	.72	.86	.98	26,600	2370	.74	.88	1.00	25,500	2680	.75	.90	1.00
	900	29,800	1930	.75	.90	1.00	28,800	2130	.76	.92	1.00	27,700	2380	.78	.93	1.00	26,500	2690	.79	.95	1.00
	1050	30,800	1940	.79	.95	1.00	29,700	2140	.80	.96	1.00	28,500	2390	.82	.98	1.00	27,400	2710	.84	1.00	1.00
67	750	30,400	1930	.57	.69	.81	29,300	2140	.57	.70	.82	28,200	2390	.58	.71	.84	27,100	2700	.59	.72	.86
	900	31,600	1940	.59	.73	.86	30,500	2150	.59	.74	.88	29,300	2400	.60	.75	.90	28,100	2720	.61	.77	.92
	1050	32,500	1950	.61	.76	.91	31,400	2160	.62	.78	.93	30,100	2410	.63	.79	.95	28,800	2730	.64	.81	.97
71	750	32,000	1950	.43	.55	.66	31,000	2150	.43	.55	.67	29,800	2410	.43	.56	.68	28,600	2730	.44	.57	.70
	900	33,300	1960	.44	.57	.70	32,200	2160	.44	.58	.71	30,900	2420	.44	.59	.73	29,700	2750	.45	.60	.74
	1050	34,300	1960	.45	.60	.74	33,100	2170	.45	.60	.75	31,800	2440	.45	.61	.77	30,500	2760	.46	.63	.79

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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	875	29,500	1900	.72	.86	.99	28,400	2100	.73	.88	1.00	27,300	2350	.74	.90	1.00	26,200	2650	.76	.92	1.00
	1000	30,200	1910	.75	.90	1.00	29,200	2110	.76	.92	1.00	28,100	2360	.77	.94	1.00	27,000	2670	.79	.96	1.00
	1125	31,000	1910	.77	.94	1.00	29,900	2120	.79	.95	1.00	28,800	2360	.80	.97	1.00	27,500	2680	.82	.99	1.00
67	875	31,200	1920	.57	.70	.82	30,200	2120	.58	.71	.84	29,100	2370	.58	.72	.86	27,800	2680	.59	.73	.88
	1000	32,100	1920	.59	.72	.86	31,000	2130	.59	.73	.88	29,800	2380	.60	.75	.90	28,600	2690	.61	.76	.92
	1125	32,800	1930	.60	.75	.90	31,600	2130	.61	.76	.92	30,400	2390	.62	.78	.94	29,100	2700	.63	.80	.96
71	875	33,000	1930	.43	.55	.67	31,900	2130	.43	.56	.68	30,700	2390	.44	.57	.69	29,500	2710	.44	.58	.71
	1000	33,900	1940	.44	.57	.70	32,700	2140	.44	.58	.71	31,500	2400	.44	.59	.72	30,200	2720	.45	.60	.74
	1125	34,600	1940	.44	.59	.72	33,400	2150	.45	.60	.74	32,200	2410	.45	.60	.75	30,800	2730	.45	.62	.77

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	875	30,000	1910	.73	.86	.98	29,000	2110	.74	.88	1.00	27,900	2360	.75	.90	1.00	26,800	2670	.76	.92	1.00
	1000	30,900	1910	.75	.90	1.00	29,800	2110	.77	.92	1.00	28,800	2370	.78	.93	1.00	27,600	2680	.80	.95	1.00
	1125	31,700	1920	.78	.94	1.00	30,700	2120	.79	.95	1.00	29,500	2370	.81	.97	1.00	28,100	2690	.83	.99	1.00
67	875	31,900	1920	.57	.70	.83	30,800	2120	.58	.71	.84	29,700	2380	.59	.72	.86	28,500	2690	.59	.74	.88
	1000	32,800	1930	.59	.73	.87	31,600	2130	.60	.74	.88	30,500	2390	.60	.75	.90	29,100	2700	.61	.77	.92
	1125	33,500	1930	.61	.75	.90	32,300	2140	.61	.77	.92	31,100	2390	.62	.78	.94	29,700	2710	.63	.80	.96
71	875	33,700	1930	.43	.56	.68	32,500	2140	.44	.56	.69	31,300	2400	.44	.57	.70	30,100	2720	.44	.58	.71
	1000	34,600	1940	.44	.57	.70	33,400	2150	.44	.58	.71	32,200	2410	.45	.59	.73	30,900	2730	.45	.60	.74
	1125	35,400	1950	.45	.59	.73	34,100	2160	.45	.60	.74	32,800	2420	.45	.61	.76	31,500	2740	.46	.62	.78

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

HS22-311V WITH C14-26FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	750	29,400	1900	.71	.84	.97	28,300	2100	.72	.86	.98	27,300	2350	.73	.88	1.00	26,100	2650	.74	.90	1.00
	900	30,500	1910	.75	.90	1.00	29,500	2110	.76	.92	1.00	28,400	2360	.77	.93	1.00	27,200	2670	.79	.96	1.00
	1050	31,600	1920	.78	.95	1.00	30,500	2120	.80	.97	1.00	29,300	2370	.82	.99	1.00	28,200	2690	.84	1.00	1.00
67	750	31,100	1920	.56	.68	.81	30,100	2120	.57	.69	.82	29,000	2370	.57	.70	.84	27,800	2680	.58	.72	.86
	900	32,400	1920	.58	.72	.86	31,300	2130	.59	.73	.88	30,100	2380	.60	.75	.90	28,800	2700	.61	.76	.92
	1050	33,400	1930	.61	.76	.92	32,200	2140	.61	.77	.94	30,900	2390	.62	.79	.96	29,600	2710	.63	.81	.98
71	750	32,800	1930	.43	.54	.66	31,700	2130	.43	.55	.67	30,600	2390	.43	.56	.68	29,300	2710	.43	.56	.69
	900	34,200	1940	.43	.57	.70	33,000	2150	.44	.58	.71	31,800	2400	.44	.58	.72	30,500	2730	.44	.59	.74
	1050	35,200	1950	.44	.59	.73	34,000	2160	.56	.60	.75	32,600	2410	.45	.61	.77	31,300	2740	.46	.62	.79

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	875	30,200	1910	.73	.87	.99	29,100	2110	.74	.88	1.00	28,000	2360	.75	.90	1.00	26,900	2670	.77	.92	1.00
	1000	31,000	1920	.76	.91	1.00	30,000	2120	.77	.92	1.00	28,900	2370	.78	.94	1.00	27,600	2680	.80	.96	1.00
	1125	31,800	1920	.78	.94	1.00	30,700	2120	.80	.96	1.00	29,400	2370	.81	.98	1.00	28,300	2690	.83	.99	1.00
67	875	32,000	1920	.58	.70	.83	31,000	2120	.58	.71	.85	29,800	2380	.59	.73	.86	28,600	2690	.60	.74	.89
	1000	33,000	1930	.59	.73	.87	31,800	2130	.60	.74	.89	30,600	2390	.61	.76	.91	29,300	2710	.62	.77	.93
	1125	33,700	1930	.61	.76	.91	32,500	2140	.62	.77	.93	31,200	2400	.63	.79	.95	29,900	2720	.64	.81	.97
71	875	33,800	1930	.44	.56	.68	32,700	2140	.44	.57	.69	31,500	2400	.44	.57	.70	30,200	2720	.44	.58	.72
	1000	34,800	1940	.44	.58	.71	33,600	2150	.44	.58	.72	32,300	2410	.45	.59	.73	31,000	2730	.45	.60	.75
	1125	35,500	1950	.45	.59	.73	34,300	2160	.45	.60	.75	33,000	2420	.46	.61	.76	31,600	2740	.46	.62	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	875	30,300	1910	.73	.87	.99	29,200	2110	.74	.88	1.00	28,100	2360	.75	.90	1.00	27,000	2670	.77	.92	1.00
	1000	31,200	1920	.76	.91	1.00	30,100	2120	.77	.92	1.00	29,000	2370	.78	.94	1.00	27,800	2680	.80	.96	1.00
	1125	32,000	1920	.78	.94	1.00	30,900	2120	.80	.96	1.00	29,500	2370	.81	.98	1.00	28,400	2690	.83	.99	1.00
67	875	32,200	1920	.58	.70	.83	31,100	2130	.58	.71	.85	29,900	2380	.59	.73	.86	28,700	2700	.60	.74	.89
	1000	33,100	1930	.59	.73	.87	31,900	2130	.60	.74	.89	30,700	2390	.61	.76	.91	29,400	2710	.62	.77	.93
	1125	33,800	1930	.61	.76	.91	32,600	2140	.62	.77	.92	31,300	2400	.62	.79	.94	30,000	2720	.64	.81	.97
71	875	34,000	1940	.43	.56	.68	32,800	2140	.44	.57	.69	31,600	2400	.44	.57	.70	30,300	2720	.44	.58	.72
	1000	34,900	1940	.44	.58	.71	33,700	2150	.44	.58	.72	32,400	2410	.45	.59	.73	31,100	2730	.45	.60	.75
	1125	35,700	1950	.45	.59	.73	34,400	2160	.45	.60	.75	33,100	2420	.46	.61	.76	31,700	2740	.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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	875	30,500	1930	.75	.89	1.00	29,500	2140	.76	.91	1.00	28,400	2390	.77	.92	1.00	27,200	2710	.79	.95	1.00
	1000	31,500	1940	.78	.93	1.00	30,400	2150	.79	.95	1.00	29,200	2400	.81	.97	1.00	28,100	2720	.83	.98	1.00
	1125	32,200	1950	.81	.97	1.00	31,200	2150	.82	.98	1.00	30,000	2410	.84	1.00	1.00	28,800	2730	.86	1.00	1.00
67	875	32,300	1950	.58	.72	.86	31,200	2150	.59	.73	.87	30,000	2410	.60	.74	.89	28,700	2730	.61	.76	.91
	1000	33,200	1950	.60	.75	.90	32,000	2160	.61	.77	.92	30,700	2420	.62	.78	.94	29,400	2750	.63	.80	.96
	1125	33,900	1960	.62	.78	.94	32,700	2170	.63	.80	.96	31,400	2430	.64	.82	.97	29,900	2750	.65	.84	.99
71	875	34,100	1960	.44	.57	.69	32,900	2170	.44	.57	.71	31,700	2430	.44	.58	.72	30,400	2760	.44	.59	.74
	1000	35,000	1970	.44	.59	.73	33,800	2180	.45	.60	.74	32,500	2440	.45	.61	.76	31,100	2770	.46	.62	.78
	1125	35,800	1970	.45	.61	.76	34,500	2190	.46	.62	.78	33,100	2450	.46	.63	.79	31,700	2780	.47	.64	.82

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

HS22-311V WITH C14-41FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	800	31,100	1910	.71	.86	.99	30,000	2100	.72	.87	1.00	28,900	2350	.73	.89	1.00	27,600	2670	.75	.91	1.00
	950	32,300	1910	.75	.92	1.00	31,100	2120	.76	.94	1.00	30,000	2370	.78	.96	1.00	28,700	2680	.80	.98	1.00
	1100	33,300	1920	.80	.97	1.00	32,300	2130	.81	.99	1.00	31,100	2380	.83	1.00	1.00	29,900	2700	.85	1.00	1.00
67	800	33,100	1920	.56	.69	.82	31,900	2120	.56	.70	.83	30,700	2380	.57	.71	.85	29,400	2690	.58	.72	.87
	950	34,300	1930	.58	.73	.88	33,000	2140	.59	.74	.90	31,700	2390	.60	.75	.92	30,300	2710	.61	.77	.94
	1100	35,100	1940	.61	.77	.94	33,800	2140	.62	.79	.96	32,500	2400	.62	.81	.98	31,100	2720	.64	.83	1.00
71	800	35,100	1940	.42	.54	.66	33,900	2140	.42	.55	.67	32,500	2400	.43	.56	.68	31,200	2720	.43	.56	.70
	950	36,300	1940	.43	.57	.70	35,000	2150	.43	.58	.71	33,600	2410	.44	.58	.73	32,200	2740	.44	.60	.75
	1100	37,300	1950	.44	.59	.74	35,900	2160	.44	.60	.76	34,400	2420	.45	.61	.78	32,900	2750	.45	.63	.80

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	800	31,600	2280	.69	.80	.91	30,600	2530	.69	.81	.93	29,600	2830	.70	.82	.94	28,400	3200	.71	.84	.96
	1050	33,700	2310	.73	.86	.98	32,600	2550	.74	.88	.99	31,400	2860	.75	.89	1.00	30,200	3230	.76	.91	1.00
	1300	35,100	2330	.77	.92	1.00	34,000	2570	.78	.94	1.00	32,700	2880	.79	.96	1.00	31,400	3260	.81	.97	1.00
67	800	33,000	2300	.55	.66	.77	32,000	2540	.56	.67	.78	30,900	2850	.56	.68	.79	29,800	3230	.57	.69	.80
	1050	35,300	2330	.57	.70	.83	34,100	2580	.58	.71	.84	33,000	2880	.59	.72	.86	31,800	3260	.59	.74	.88
	1300	36,800	2350	.60	.74	.89	35,600	2600	.61	.76	.90	34,400	2910	.61	.77	.92	33,100	3300	.62	.79	.94
71	800	34,400	2320	.42	.53	.63	33,300	2570	.42	.54	.64	32,300	2870	.43	.54	.65	31,100	3250	.43	.55	.66
	1050	36,700	2350	.43	.56	.68	35,600	2600	.43	.56	.69	34,400	2910	.43	.57	.70	33,200	3300	.44	.58	.71
	1300	38,400	2380	.45	.59	.72	37,200	2630	.45	.59	.73	36,000	2950	.45	.60	.75	34,700	3340	.45	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	34,200	2330	.71	.84	.96	33,000	2580	.72	.85	.98	31,800	2880	.73	.87	.99	30,500	3260	.74	.89	1.00
	1200	35,800	2350	.76	.91	1.00	34,600	2600	.77	.92	1.00	33,400	2910	.78	.94	1.00	32,100	3290	.80	.96	1.00
	1450	37,200	2370	.80	.96	1.00	36,100	2620	.81	.97	1.00	34,600	2930	.83	.99	1.00	33,200	3320	.85	1.00	1.00
67	950	36,200	2360	.57	.69	.81	35,000	2610	.57	.70	.82	33,700	2910	.58	.71	.83	32,500	3300	.58	.72	.85
	1200	37,900	2380	.59	.73	.87	36,700	2630	.60	.74	.89	35,400	2950	.61	.76	.90	34,000	3330	.62	.77	.92
	1450	39,200	2400	.62	.77	.93	37,900	2660	.63	.79	.94	36,500	2970	.64	.80	.96	35,100	3360	.65	.82	.98
71	950	38,100	2390	.43	.55	.66	36,900	2640	.43	.55	.67	35,700	2950	.44	.56	.68	34,400	3340	.44	.57	.69
	1200	40,000	2410	.44	.58	.71	38,700	2670	.45	.58	.72	37,400	2990	.45	.59	.73	36,100	3390	.45	.60	.74
	1450	41,400	2430	.45	.60	.75	40,100	2690	.46	.61	.76	38,700	3020	.46	.62	.78	37,200	3420	.47	.63	.80

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

HS22-411V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	34,100	2330	.72	.84	.96	33,000	2580	.73	.85	.97	31,800	2880	.74	.87	.99	30,600	3260	.75	.89	1.00
	1200	35,800	2350	.76	.90	1.00	34,700	2600	.77	.91	1.00	33,400	2910	.78	.93	1.00	31,900	3290	.80	.95	1.00
	1450	36,900	2370	.80	.95	1.00	35,700	2620	.81	.97	1.00	34,400	2930	.83	.99	1.00	33,200	3320	.84	1.00	1.00
67	950	36,100	2360	.57	.69	.81	35,000	2610	.58	.70	.82	33,800	2920	.58	.71	.83	32,600	3300	.59	.72	.85
	1200	38,000	2380	.60	.73	.86	36,700	2630	.60	.74	.88	35,500	2950	.61	.76	.90	34,200	3340	.62	.77	.92
	1450	39,200	2400	.62	.77	.92	38,000	2660	.63	.79	.94	36,700	2970	.64	.80	.96	35,300	3370	.65	.82	.97
71	950	38,200	2390	.43	.56	.67	37,000	2640	.43	.56	.68	35,800	2960	.43	.57	.69	34,600	3350	.44	.57	.70
	1200	40,100	2410	.44	.58	.71	38,900	2670	.45	.59	.72	37,600	2990	.45	.60	.73	36,300	3400	.45	.61	.74
	1450	41,500	2430	.46	.61	.75	40,200	2690	.46	.62	.76	38,900	3020	.46	.63	.78	37,500	3430	.47	.64	.79

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	34,400	2340	.72	.85	.97	33,300	2580	.73	.86	.98	32,000	2890	.74	.88	.99	30,700	3260	.75	.90	1.00
	1200	36,000	2360	.77	.91	1.00	34,900	2610	.78	.93	1.00	33,600	2910	.79	.95	1.00	32,300	3290	.81	.96	1.00
	1450	37,400	2380	.81	.97	1.00	36,100	2630	.82	.98	1.00	34,900	2940	.84	.99	1.00	33,600	3320	.86	1.00	1.00
67	950	36,400	2360	.57	.70	.81	35,300	2610	.58	.70	.83	34,000	2920	.58	.72	.84	32,700	3310	.59	.73	.86
	1200	38,200	2390	.60	.74	.88	36,900	2640	.61	.75	.90	35,600	2950	.61	.77	.91	34,300	3340	.62	.78	.93
	1450	39,500	2410	.63	.79	.94	38,200	2660	.63	.80	.95	36,800	2980	.64	.82	.97	35,300	3370	.65	.83	.98
71	950	38,400	2390	.44	.56	.67	37,200	2640	.44	.56	.68	36,000	2960	.44	.57	.69	34,700	3350	.44	.57	.70
	1200	40,300	2420	.45	.58	.72	39,000	2670	.45	.59	.73	37,700	3000	.45	.60	.74	36,300	3400	.46	.61	.75
	1450	41,700	2430	.46	.61	.76	40,400	2700	.46	.62	.78	39,000	3030	.47	.63	.79	37,500	3430	.47	.64	.81

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	34,500	2330	.71	.84	.97	33,300	2580	.72	.86	.98	32,000	2880	.73	.88	.99	30,700	3260	.75	.89	1.00
	1200	36,200	2360	.76	.91	1.00	35,000	2610	.77	.92	1.00	33,700	2910	.78	.94	1.00	32,400	3290	.80	.96	1.00
	1450	37,600	2380	.80	.97	1.00	36,100	2630	.82	.98	1.00	34,900	2940	.84	.99	1.00	33,700	3320	.86	1.00	1.00
67	950	36,500	2360	.57	.69	.81	35,300	2610	.57	.70	.82	34,000	2920	.58	.71	.84	32,800	3300	.59	.72	.86
	1200	38,300	2390	.59	.73	.88	37,000	2640	.60	.75	.89	35,700	2950	.61	.76	.91	34,300	3340	.62	.77	.93
	1450	39,600	2410	.62	.78	.93	38,200	2660	.63	.79	.95	36,800	2980	.64	.81	.97	35,300	3370	.65	.83	.99
71	950	38,500	2390	.43	.55	.66	37,300	2640	.43	.56	.67	36,000	2960	.44	.56	.68	34,700	3350	.44	.57	.69
	1200	40,400	2420	.44	.58	.71	39,100	2680	.45	.59	.72	37,700	3000	.45	.59	.73	36,300	3400	.45	.60	.75
	1450	41,800	2440	.46	.61	.76	40,400	2700	.46	.62	.77	39,000	3030	.46	.63	.78	37,500	3430	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	34,900	2340	.72	.85	.97	33,700	2590	.73	.86	.98	32,500	2900	.74	.88	.99	31,200	3280	.75	.89	1.00
	1200	36,600	2360	.76	.91	1.00	35,400	2610	.78	.93	1.00	34,100	2920	.79	.94	1.00	32,800	3310	.80	.96	1.00
	1450	37,900	2380	.81	.97	1.00	36,600	2630	.82	.98	1.00	35,400	2950	.84	.99	1.00	34,000	3340	.86	1.00	1.00
67	950	36,900	2370	.57	.69	.81	35,700	2620	.58	.70	.83	34,500	2930	.58	.71	.84	33,200	3320	.59	.73	.86
	1200	38,700	2390	.60	.74	.88	37,500	2650	.61	.75	.90	36,100	2960	.61	.76	.91	34,800	3360	.62	.78	.93
	1450	40,000	2410	.63	.79	.94	38,700	2670	.63	.80	.95	37,300	2990	.64	.82	.97	35,900	3380	.65	.83	.98
71	950	38,900	2390	.44	.56	.67	37,700	2650	.44	.56	.68	36,400	2970	.44	.57	.69	35,200	3370	.44	.57	.70
	1200	40,800	2420	.45	.58	.72	39,500	2680	.45	.59	.73	38,200	3010	.45	.60	.74	36,900	3410	.46	.61	.75
	1450	42,300	2440	.46	.61	.76	40,900	2710	.46	.62	.78	39,500	3040	.47	.63	.79	38,100	3450	.47	.64	.81

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	850	34,300	2340	.71	.84	.96	33,200	2580	.72	.85	.97	31,900	2880	.73	.87	.98	30,600	3260	.75	.89	1.00
	1050	36,000	2360	.76	.90	1.00	34,800	2610	.77	.91	1.00	33,500	2910	.78	.93	1.00	32,200	3290	.80	.95	1.00
	1250	37,300	2380	.80	.95	1.00	36,000	2620	.81	.97	1.00	34,800	2930	.83	.98	1.00	33,600	3320	.85	.99	1.00
67	850	36,300	2360	.57	.69	.81	35,100	2610	.57	.70	.82	33,900	2920	.58	.71	.83	32,600	3300	.58	.72	.85
	1050	38,000	2380	.59	.73	.87	36,800	2640	.60	.74	.88	35,500	2950	.61	.76	.90	34,100	3340	.62	.77	.92
	1250	39,300	2400	.62	.78	.92	38,000	2660	.63	.79	.94	36,600	2970	.64	.80	.95	35,100	3360	.65	.82	.97
71	850	38,300	2390	.43	.55	.66	37,000	2640	.43	.55	.67	35,800	2950	.44	.56	.68	34,500	3350	.44	.57	.69
	1050	40,100	2410	.44	.58	.71	38,800	2670	.44	.58	.72	37,500	2990	.45	.59	.73	36,100	3390	.45	.60	.74
	1250	41,500	2430	.45	.61	.75	40,200	2690	.46	.61	.76	38,800	3020	.46	.62	.78	37,300	3420	.46	.63	.79

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

HS22-411V WITH CH20-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1200	38,100	2410	.75	.89	1.00	37,000	2660	.76	.91	1.00	35,700	2980	.77	.92	1.00	34,400	3380	.78	.94	1.00
	1600	40,100	2430	.82	.98	1.00	39,000	2690	.83	.99	1.00	37,500	3010	.84	1.00	1.00	36,200	3420	.86	1.00	1.00
	2000	41,800	2460	.87	1.00	1.00	40,600	2720	.88	1.00	1.00	39,400	3060	.90	1.00	1.00	38,200	3470	.91	1.00	1.00
67	1200	40,400	2440	.59	.73	.86	39,000	2700	.59	.74	.87	37,600	3020	.60	.75	.89	36,200	3420	.61	.76	.91
	1600	42,100	2470	.63	.80	.95	40,900	2730	.64	.81	.96	39,600	3060	.64	.82	.98	38,200	3480	.65	.84	.99
	2000	43,600	2490	.68	.85	1.00	42,300	2760	.69	.87	1.00	40,800	3100	.69	.88	1.00	39,400	3520	.70	.89	1.00
71	1200	42,200	2470	.44	.58	.70	41,000	2730	.44	.58	.71	39,700	3070	.45	.59	.72	38,300	3480	.45	.59	.74
	1600	44,300	2500	.46	.62	.77	43,000	2770	.46	.62	.79	41,600	3110	.46	.63	.80	39,900	3530	.47	.64	.81
	2000	45,500	2520	.48	.68	.84	44,200	2790	.47	.68	.85	42,700	3140	.49	.69	.86	41,200	3570	.49	.69	.87

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

HS22-411V WITH C16-51FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	35,000	2340	.73	.86	.97	33,800	2590	.74	.87	.99	32,600	2900	.75	.89	1.00	31,300	3280	.76	.90	1.00
	1200	36,800	2370	.77	.92	1.00	35,700	2620	.79	.94	1.00	34,300	2930	.80	.96	1.00	32,900	3310	.82	.97	1.00
	1450	38,100	2390	.82	.98	1.00	37,000	2640	.84	.99	1.00	35,800	2950	.85	1.00	1.00	34,300	3350	.87	1.00	1.00
67	950	37,000	2370	.58	.70	.82	35,800	2620	.58	.71	.84	34,600	2930	.59	.72	.85	33,300	3320	.59	.73	.87
	1200	38,800	2390	.61	.75	.89	37,500	2650	.61	.76	.91	36,200	2970	.62	.78	.92	34,800	3360	.63	.79	.94
	1450	40,100	2410	.63	.80	.95	38,800	2670	.64	.81	.96	37,300	2990	.65	.83	.98	35,800	3390	.66	.85	.99
71	950	39,000	2400	.44	.56	.68	37,800	2650	.44	.56	.69	36,600	2970	.44	.57	.70	35,200	3370	.44	.58	.71
	1200	40,900	2420	.45	.59	.73	39,600	2680	.45	.60	.74	38,300	3010	.46	.61	.75	36,900	3420	.46	.61	.76
	1450	42,300	2450	.46	.62	.78	41,000	2710	.47	.63	.79	39,600	3040	.47	.64	.80	38,200	3450	.47	.65	.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 9.

HS22-411V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	35,600	2350	.72	.85	.98	34,400	2600	.73	.87	.99	33,200	2900	.74	.88	1.00	31,900	3280	.75	.90	1.00
	1200	37,500	2370	.77	.92	1.00	36,100	2630	.78	.94	1.00	34,700	2930	.79	.96	1.00	33,400	3320	.81	.98	1.00
	1450	38,700	2390	.82	.98	1.00	37,400	2650	.83	.99	1.00	36,200	2960	.85	1.00	1.00	34,900	3360	.87	1.00	1.00
67	950	37,900	2380	.57	.69	.81	36,600	2630	.57	.70	.83	35,300	2940	.58	.71	.85	33,900	3330	.59	.72	.86
	1200	39,700	2410	.60	.74	.89	38,300	2660	.60	.75	.90	36,900	2980	.61	.77	.92	35,500	3370	.62	.78	.94
	1450	40,900	2430	.63	.79	.95	39,500	2680	.63	.81	.97	38,000	3000	.64	.83	.98	36,600	3400	.66	.84	1.00
71	950	40,100	2410	.43	.55	.67	38,900	2670	.43	.56	.67	37,500	2990	.44	.56	.69	36,100	3390	.44	.57	.70
	1200	42,000	2440	.44	.58	.72	40,700	2700	.45	.59	.73	39,300	3030	.45	.60	.74	37,800	3440	.45	.61	.76
	1450	43,400	2460	.46	.61	.77	42,000	2730	.46	.62	.78	40,500	3060	.46	.63	.80	39,000	3480	.47	.64	.82

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

HS22-411V WITH CB19-41 OR CBH19-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	900	34,800	2340	.73	.86	.97	33,600	2590	.73	.87	.98	32,400	2890	.75	.89	1.00	31,100	3270	.76	.90	1.00
	1150	36,700	2370	.78	.93	1.00	35,400	2620	.79	.94	1.00	34,200	2920	.81	.96	1.00	32,900	3310	.82	.97	1.00
	1400	38,200	2390	.83	.98	1.00	37,000	2640	.85	.99	1.00	35,700	2950	.86	1.00	1.00	34,400	3340	.88	1.00	1.00
67	900	36,800	2370	.57	.70	.82	35,600	2620	.58	.71	.84	34,300	2930	.58	.72	.85	33,000	3310	.59	.73	.87
	1150	38,700	2390	.61	.75	.90	37,400	2650	.61	.77	.91	36,100	2960	.62	.78	.93	34,700	3350	.63	.80	.95
	1400	40,100	2410	.64	.81	.95	38,600	2670	.65	.82	.97	37,300	2980	.66	.84	.98	35,800	3380	.67	.86	1.00
71	900	38,800	2400	.44	.56	.67	37,500	2650	.44	.56	.68	36,300	2960	.44	.57	.69	34,900	3360	.44	.58	.71
	1150	40,800	2420	.45	.59	.73	39,500	2680	.45	.60	.74	38,100	3000	.45	.61	.76	36,700	3410	.46	.62	.77
	1400	42,300	2440	.46	.63	.78	40,900	2710	.47	.64	.80	39,500	3030	.47	.65	.82	38,100	3440	.47	.66	.83

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

HS22-411V WITH C14-41FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	900	35,900	2350	.73	.86	.98	34,600	2600	.73	.87	.99	33,400	2910	.75	.89	1.00	32,100	3290	.76	.91	1.00
	1100	37,500	2380	.77	.92	1.00	36,100	2630	.78	.94	1.00	34,900	2940	.80	.95	1.00	33,500	3330	.81	.97	1.00
	1300	38,800	2400	.82	.98	1.00	37,500	2650	.83	.99	1.00	36,400	2970	.85	1.00	1.00	35,000	3360	.87	1.00	1.00
67	900	38,100	2380	.57	.70	.82	36,800	2640	.58	.71	.84	35,500	2950	.58	.72	.85	34,100	3340	.59	.73	.87
	1100	39,700	2410	.60	.75	.89	38,400	2660	.61	.76	.90	37,000	2980	.61	.77	.92	35,500	3370	.62	.79	.94
	1300	40,800	2420	.63	.79	.95	39,400	2680	.64	.81	.96	38,000	3000	.65	.83	.98	36,600	3410	.66	.84	.99
71	900	40,400	2420	.43	.55	.67	39,100	2670	.44	.56	.68	37,700	3000	.44	.57	.69	36,300	3400	.44	.57	.71
	1100	42,100	2440	.44	.58	.72	40,700	2700	.45	.59	.73	39,300	3030	.45	.60	.75	37,900	3440	.45	.61	.76
	1300	43,300	2460	.46	.61	.77	41,900	2730	.46	.62	.78	40,400	3060	.46	.63	.80	38,900	3480	.47	.64	.82

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

HS22-411V WITH CB21-41 OR CBH21-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	900	35,400	2350	.72	.85	.97	34,200	2600	.73	.86	.98	32,900	2910	.74	.88	.99	31,600	3290	.75	.89	1.00
	1100	37,000	2370	.76	.91	1.00	35,700	2620	.77	.92	1.00	34,300	2940	.78	.94	1.00	33,000	3330	.80	.96	1.00
	1300	38,300	2390	.80	.96	1.00	37,000	2650	.81	.97	1.00	35,600	2960	.83	.98	1.00	34,300	3360	.85	1.00	1.00
67	900	37,400	2380	.57	.69	.81	36,200	2630	.58	.70	.82	34,900	2950	.58	.71	.84	33,500	3340	.59	.72	.86
	1100	39,200	2400	.59	.73	.87	37,900	2660	.60	.74	.89	36,400	2980	.61	.76	.90	35,000	3380	.62	.77	.92
	1300	40,400	2420	.62	.78	.93	39,000	2680	.63	.79	.94	37,600	3010	.63	.80	.96	36,000	3410	.65	.82	.97
71	900	39,500	2400	.43	.55	.67	38,200	2670	.43	.56	.68	36,800	2990	.44	.56	.69	35,400	3390	.44	.57	.70
	1100	41,200	2430	.44	.58	.71	39,900	2700	.44	.58	.72	38,500	3030	.45	.59	.73	37,000	3440	.45	.60	.75
	1300	42,600	2450	.45	.60	.75	41,200	2720	.46	.61	.77	39,700	3060	.46	.62	.78	38,200	3480	.46	.63	.80

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	950	36,300	2360	.73	.87	.99	34,900	2610	.74	.89	1.00	33,700	2920	.76	.90	1.00	32,400	3300	.77	.92	1.00
	1200	38,100	2390	.79	.94	1.00	36,900	2640	.80	.96	1.00	35,600	2950	.82	.98	1.00	34,300	3340	.83	.99	1.00
	1450	39,800	2410	.84	1.00	1.00	38,400	2670	.86	1.00	1.00	37,300	2990	.88	1.00	1.00	36,100	3380	.89	1.00	1.00
67	950	38,300	2390	.58	.71	.84	37,000	2640	.58	.72	.85	35,700	2950	.59	.73	.87	34,400	3340	.60	.74	.88
	1200	40,100	2410	.61	.77	.91	38,800	2670	.62	.78	.93	37,500	2990	.63	.79	.95	36,000	3380	.64	.81	.96
	1450	41,600	2430	.65	.82	.98	40,100	2690	.66	.84	.99	38,700	3020	.67	.85	1.00	37,100	3420	.68	.87	1.00
71	950	40,400	2420	.44	.56	.68	39,100	2670	.44	.57	.69	37,800	2990	.44	.57	.70	36,400	3400	.44	.58	.72
	1200	42,300	2450	.45	.60	.74	41,000	2710	.45	.61	.75	39,600	3040	.46	.61	.77	38,200	3450	.46	.62	.78
	1450	43,700	2470	.46	.64	.80	42,400	2740	.47	.64	.81	40,900	3070	.47	.65	.83	39,500	3490	.48	.67	.85

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1150	37,100	2400	.77	.92	1.00	35,900	2650	.78	.93	1.00	34,500	2970	.79	.95	1.00	33,100	3370	.81	.97	1.00
	1300	38,200	2410	.80	.96	1.00	36,800	2670	.81	.98	1.00	35,500	2990	.83	.99	1.00	34,200	3400	.84	1.00	1.00
	1450	39,100	2420	.83	.99	1.00	37,800	2690	.84	1.00	1.00	36,500	3020	.86	1.00	1.00	35,300	3440	.88	1.00	1.00
67	1150	39,400	2430	.60	.74	.88	38,000	2690	.60	.75	.90	36,600	3020	.61	.77	.92	35,300	3430	.62	.78	.94
	1300	40,300	2440	.62	.77	.93	38,900	2710	.62	.79	.94	37,500	3040	.63	.80	.96	36,100	3460	.64	.82	.98
	1450	41,100	2450	.63	.81	.97	39,700	2730	.64	.82	.98	38,200	3060	.65	.84	1.00	36,700	3480	.67	.86	1.00
71	1150	41,500	2460	.44	.58	.72	40,200	2730	.45	.59	.73	38,700	3070	.45	.60	.74	37,300	3500	.45	.61	.76
	1300	42,500	2480	.45	.60	.75	41,100	2750	.45	.61	.76	39,700	3100	.46	.62	.78	38,200	3530	.46	.63	.79
	1450	43,300	2490	.46	.62	.78	41,900	2770	.46	.63	.80	40,400	3120	.47	.64	.81	38,900	3550	.47	.65	.83

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1000	37,600	2730	.70	.82	.94	36,300	3020	.71	.83	.95	35,000	3380	.71	.85	.97	33,600	3820	.73	.86	.99
	1200	39,200	2750	.73	.86	.98	37,800	3050	.74	.88	.99	36,300	3410	.75	.90	1.00	34,900	3860	.76	.91	1.00
	1400	40,400	2770	.76	.91	1.00	39,000	3070	.77	.92	1.00	37,600	3430	.78	.94	1.00	36,000	3890	.80	.96	1.00
67	1000	39,800	2760	.56	.67	.78	38,500	3060	.56	.68	.80	37,100	3430	.57	.69	.81	35,700	3880	.57	.70	.83
	1200	41,500	2790	.57	.70	.83	40,100	3090	.58	.71	.84	38,700	3460	.59	.72	.86	37,100	3910	.60	.74	.88
	1400	42,800	2810	.59	.73	.87	41,400	3120	.60	.74	.89	39,800	3490	.61	.76	.91	38,200	3940	.62	.77	.92
71	1000	42,000	2800	.43	.54	.64	40,700	3100	.43	.54	.65	39,300	3470	.43	.55	.66	37,800	3930	.43	.56	.67
	1200	43,800	2830	.43	.56	.68	42,400	3140	.44	.56	.69	40,900	3510	.44	.57	.70	39,300	3980	.44	.58	.71
	1400	45,200	2860	.44	.58	.71	43,700	3170	.45	.58	.72	42,100	3540	.45	.59	.73	40,400	4010	.45	.60	.75

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1000	37,900	2710	.70	.82	.94	36,600	3000	.70	.83	.95	35,200	3360	.72	.85	.97	33,800	3800	.73	.86	.98
	1200	39,500	2740	.73	.86	.98	38,100	3030	.74	.88	.99	36,600	3390	.75	.90	1.00	35,000	3840	.76	.92	1.00
	1400	40,600	2760	.76	.91	1.00	39,200	3050	.77	.92	1.00	37,800	3410	.78	.94	1.00	36,300	3860	.80	.96	1.00
67	1000	40,100	2750	.56	.67	.78	38,800	3040	.56	.68	.80	37,400	3410	.57	.69	.81	35,900	3850	.57	.70	.83
	1200	41,800	2780	.58	.70	.83	40,300	3070	.58	.71	.84	38,900	3440	.59	.72	.86	37,300	3890	.60	.74	.88
	1400	43,100	2800	.59	.73	.87	41,600	3100	.60	.74	.89	40,100	3470	.61	.76	.91	38,400	3920	.62	.77	.93
71	1000	42,300	2780	.43	.54	.65	40,900	3080	.43	.54	.65	39,500	3450	.43	.55	.66	38,000	3910	.43	.56	.67
	1200	44,100	2810	.44	.56	.68	42,600	3120	.44	.56	.69	41,100	3490	.44	.57	.70	39,500	3950	.44	.58	.71
	1400	45,500	2840	.44	.58	.71	43,900	3150	.45	.59	.72	42,300	3520	.45	.59	.73	40,700	3980	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1000	38,400	2720	.70	.82	.93	37,100	3010	.70	.83	.95	35,700	3370	.71	.84	.97	34,300	3820	.73	.86	.98
	1300	40,700	2760	.74	.88	1.00	39,200	3050	.75	.90	1.00	37,800	3410	.77	.92	1.00	36,300	3870	.78	.94	1.00
	1600	42,400	2790	.79	.95	1.00	41,000	3080	.80	.96	1.00	39,300	3450	.82	.98	1.00	37,800	3900	.83	.99	1.00
67	1000	40,700	2760	.56	.67	.78	39,400	3050	.56	.68	.79	38,000	3420	.57	.69	.81	36,500	3870	.57	.70	.82
	1300	43,100	2800	.58	.72	.85	41,700	3100	.59	.73	.87	40,100	3470	.60	.74	.88	38,500	3920	.61	.75	.90
	1600	44,800	2830	.61	.76	.91	43,200	3130	.62	.78	.93	41,600	3500	.63	.79	.95	39,900	3960	.64	.81	.97
71	1000	42,900	2800	.43	.54	.64	41,600	3100	.43	.54	.65	40,100	3470	.43	.55	.66	38,600	3930	.43	.56	.67
	1300	45,500	2840	.44	.57	.69	44,000	3150	.44	.57	.70	42,400	3520	.44	.58	.71	40,700	3990	.45	.59	.73
	1600	47,300	2870	.45	.60	.74	45,700	3180	.45	.60	.75	44,000	3560	.46	.61	.77	42,300	4030	.46	.62	.78

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1100	39,600	2760	.72	.86	.98	38,200	3050	.73	.88	.99	36,800	3420	.74	.89	1.00	35,400	3870	.76	.91	1.00
	1300	41,100	2780	.76	.91	1.00	39,600	3080	.77	.93	1.00	38,100	3450	.78	.94	1.00	36,600	3900	.80	.96	1.00
	1500	42,200	2800	.79	.95	1.00	40,800	3100	.81	.97	1.00	39,400	3480	.83	.98	1.00	37,900	3940	.84	1.00	1.00
67	1100	41,900	2800	.57	.70	.83	40,500	3100	.57	.71	.84	39,000	3470	.58	.72	.86	37,400	3920	.59	.73	.88
	1300	43,300	2820	.59	.73	.88	41,900	3120	.60	.74	.89	40,300	3500	.60	.76	.91	38,600	3960	.61	.78	.93
	1500	44,500	2840	.61	.77	.92	42,900	3150	.62	.78	.94	41,300	3520	.63	.80	.95	39,500	3990	.64	.82	.97
71	1100	44,100	2840	.43	.55	.67	42,700	3140	.43	.56	.68	41,200	3520	.43	.56	.69	39,600	3990	.44	.57	.71
	1300	45,800	2860	.44	.58	.71	44,100	3170	.44	.58	.72	42,500	3550	.44	.59	.73	40,900	4020	.45	.60	.75
	1500	46,900	2890	.45	.60	.74	45,400	3200	.45	.61	.76	43,700	3580	.45	.62	.78	41,900	4050	.46	.63	.80

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

HS22-461V WITH C16-51FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1100	39,600	2740	.72	.85	.97	38,200	3030	.73	.86	.98	36,800	3400	.74	.88	1.00	35,300	3840	.75	.90	1.00
	1400	41,700	2780	.76	.92	1.00	40,300	3070	.78	.93	1.00	38,900	3440	.79	.95	1.00	37,100	3890	.81	.97	1.00
	1700	43,200	2800	.81	.97	1.00	41,800	3100	.83	.99	1.00	40,300	3470	.85	1.00	1.00	38,800	3930	.87	1.00	1.00
67	1100	41,900	2780	.57	.69	.81	40,500	3080	.57	.70	.83	39,100	3440	.58	.71	.84	37,500	3900	.59	.72	.86
	1400	44,100	2810	.60	.74	.88	42,600	3120	.60	.75	.90	41,000	3490	.61	.77	.92	39,300	3950	.62	.78	.94
	1700	45,600	2840	.63	.79	.94	44,000	3150	.63	.80	.96	42,300	3520	.64	.82	.98	40,500	3980	.66	.84	.99
71	1100	44,200	2820	.43	.55	.67	42,800	3120	.43	.56	.68	41,300	3500	.44	.56	.69	39,700	3960	.44	.57	.70
	1400	46,400	2860	.44	.58	.72	44,900	3170	.45	.59	.73	43,300	3540	.45	.60	.74	41,600	4010	.45	.61	.76
	1700	48,100	2890	.46	.61	.77	46,400	3200	.46	.62	.78	44,800	3580	.47	.63	.80	43,000	4060	.47	.64	.82

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1100	39,900	2760	.71	.85	.97	38,500	3060	.72	.86	.99	37,000	3420	.74	.88	1.00	35,600	3870	.75	.90	1.00
	1400	42,000	2800	.76	.92	1.00	40,500	3100	.78	.94	1.00	38,900	3460	.79	.95	1.00	37,300	3920	.81	.97	1.00
	1700	43,500	2830	.81	.98	1.00	41,900	3130	.83	.99	1.00	40,500	3500	.85	1.00	1.00	38,900	3970	.87	1.00	1.00
67	1100	42,500	2810	.57	.69	.81	41,000	3110	.57	.70	.83	39,500	3480	.58	.71	.84	37,900	3940	.59	.72	.86
	1400	44,600	2840	.60	.74	.88	43,000	3150	.60	.75	.90	41,300	3520	.61	.77	.92	39,600	3990	.62	.78	.94
	1700	46,000	2870	.63	.79	.95	44,300	3180	.63	.81	.97	42,600	3560	.64	.82	.98	40,800	4020	.66	.84	.99
71	1100	45,000	2850	.43	.55	.66	43,500	3160	.43	.55	.67	41,900	3540	.43	.56	.68	40,300	4010	.44	.57	.70
	1400	47,200	2890	.44	.58	.71	45,600	3210	.45	.59	.73	43,900	3590	.45	.60	.74	42,100	4060	.45	.61	.76
	1700	48,700	2930	.46	.61	.77	47,100	3240	.46	.62	.78	45,300	3630	.46	.63	.80	43,400	4100	.47	.64	.82

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	900	39,200	2700	.69	.81	.92	37,800	2990	.70	.82	.94	36,400	3350	.71	.84	.95	34,900	3790	.72	.85	.97
	1100	41,100	2730	.73	.86	.98	39,600	3030	.74	.88	.99	38,100	3390	.75	.89	1.00	36,500	3830	.76	.91	1.00
	1300	42,500	2760	.76	.91	1.00	41,000	3050	.77	.93	1.00	39,500	3420	.79	.94	1.00	37,800	3870	.80	.96	1.00
67	900	41,400	2740	.56	.67	.78	40,000	3030	.56	.68	.79	38,500	3390	.57	.68	.80	37,000	3840	.57	.70	.82
	1100	43,500	2770	.58	.70	.83	41,900	3070	.58	.71	.84	40,400	3440	.59	.72	.86	38,700	3890	.60	.74	.88
	1300	45,000	2800	.59	.74	.88	43,500	3100	.60	.75	.89	41,700	3470	.61	.76	.91	40,000	3930	.62	.78	.93
71	900	43,600	2770	.43	.54	.64	42,100	3070	.43	.54	.65	40,600	3440	.43	.55	.66	39,000	3900	.43	.55	.67
	1100	45,800	2810	.43	.56	.68	44,200	3120	.44	.56	.69	42,600	3490	.44	.57	.70	40,900	3950	.44	.58	.71
	1300	47,400	2840	.44	.58	.71	45,800	3150	.44	.59	.73	44,100	3530	.45	.60	.74	42,300	4000	.45	.61	.76

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

HS22-461V WITH C14-41FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1000	40,100	2750	.71	.84	.96	38,700	3040	.72	.86	.98	37,300	3400	.73	.87	.99	35,800	3850	.74	.89	1.00
	1200	41,900	2780	.75	.90	1.00	40,300	3070	.76	.91	1.00	38,800	3440	.77	.93	1.00	37,200	3890	.79	.95	1.00
	1400	43,200	2800	.79	.95	1.00	41,700	3100	.80	.97	1.00	40,200	3470	.82	.98	1.00	38,700	3930	.84	.99	1.00
67	1000	42,700	2790	.56	.68	.80	41,200	3090	.57	.69	.82	39,700	3460	.57	.70	.84	38,100	3910	.58	.72	.85
	1200	44,400	2820	.58	.72	.86	42,900	3120	.59	.73	.88	41,200	3490	.60	.75	.90	39,500	3950	.61	.76	.92
	1400	45,700	2840	.61	.76	.92	44,000	3150	.62	.78	.93	42,300	3520	.63	.79	.95	40,500	3980	.64	.81	.97
71	1000	45,300	2840	.43	.54	.66	43,700	3140	.43	.55	.67	42,200	3520	.43	.56	.68	40,500	3980	.43	.56	.69
	1200	47,000	2870	.44	.57	.70	45,400	3180	.44	.58	.71	43,700	3560	.44	.58	.72	42,000	4020	.45	.59	.74
	1400	48,400	2890	.45	.59	.74	46,700	3210	.45	.60	.75	45,000	3590	.45	.61	.77	43,100	4060	.46	.62	.79

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

HS22-461V WITH CH20-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1200	42,100	2750	.72	.85	.97	40,700	3050	.73	.86	.99	39,300	3410	.74	.88	1.00	37,600	3860	.75	.89	1.00
	1600	44,500	2790	.78	.93	1.00	43,000	3090	.79	.94	1.00	41,600	3460	.80	.96	1.00	39,600	3920	.82	.98	1.00
	2000	46,100	2820	.84	.99	1.00	44,400	3120	.85	1.00	1.00	42,900	3490	.86	1.00	1.00	41,500	3960	.87	1.00	1.00
67	1200	44,400	2790	.57	.70	.82	43,000	3090	.58	.71	.83	41,500	3460	.58	.72	.84	39,900	3920	.59	.73	.86
	1600	46,800	2830	.60	.75	.89	45,300	3130	.61	.76	.91	43,600	3510	.62	.78	.93	42,000	3970	.63	.79	.94
	2000	48,500	2860	.64	.82	.97	46,800	3170	.64	.83	.98	45,200	3550	.65	.84	.99	43,400	4020	.68	.85	1.00
71	1200	46,500	2830	.44	.56	.67	45,000	3130	.44	.56	.68	43,500	3510	.44	.57	.69	42,000	3980	.44	.58	.70
	1600	49,100	2870	.45	.59	.73	47,600	3190	.45	.60	.74	45,900	3570	.46	.61	.75	44,200	4040	.46	.61	.77
	2000	50,800	2910	.46	.62	.78	49,200	3220	.46	.63	.81	47,400	3600	.47	.64	.82	45,400	4080	.48	.65	.83

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1100	40,900	2780	.72	.86	.98	39,600	3080	.73	.87	1.00	38,100	3450	.74	.89	1.00	36,600	3900	.75	.91	1.00
	1400	43,300	2820	.77	.94	1.00	41,800	3120	.79	.95	1.00	40,200	3500	.80	.97	1.00	38,800	3960	.82	.99	1.00
	1700	45,100	2850	.83	1.00	1.00	43,700	3160	.85	1.00	1.00	42,200	3540	.87	1.00	1.00	40,700	4010	.89	1.00	1.00
67	1100	43,400	2820	.57	.69	.82	41,900	3130	.57	.70	.84	40,400	3500	.58	.71	.85	38,800	3960	.59	.73	.87
	1400	45,600	2860	.60	.75	.90	44,000	3170	.61	.76	.92	42,400	3550	.62	.78	.94	40,700	4010	.63	.80	.96
	1700	47,200	2890	.63	.81	.97	45,500	3200	.64	.82	.99	43,700	3580	.65	.84	1.00	41,900	4060	.66	.86	1.00
71	1100	45,800	2870	.43	.55	.67	44,200	3170	.43	.56	.68	42,700	3550	.43	.56	.69	41,100	4030	.43	.57	.70
	1400	48,000	2910	.44	.59	.73	46,400	3220	.44	.59	.74	44,700	3610	.45	.60	.75	43,000	4090	.45	.61	.77
	1700	49,600	2940	.46	.62	.78	48,000	3260	.46	.63	.80	46,200	3650	.46	.64	.82	44,400	4130	.47	.65	.84

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1450	44,200	2810	.78	.94	1.00	42,700	3110	.80	.96	1.00	41,000	3490	.81	.98	1.00	39,400	3950	.83	.99	1.00
	1600	45,100	2820	.81	.97	1.00	43,600	3130	.82	.99	1.00	42,000	3510	.84	1.00	1.00	40,400	3980	.86	1.00	1.00
	1750	46,100	2840	.84	1.00	1.00	44,500	3150	.85	1.00	1.00	43,000	3530	.87	1.00	1.00	41,500	4010	.89	1.00	1.00
67	1450	46,900	2850	.61	.76	.91	45,100	3160	.62	.77	.93	43,500	3540	.62	.79	.94	41,700	4020	.64	.81	.97
	1600	47,700	2870	.62	.79	.94	46,000	3180	.63	.80	.96	44,200	3570	.64	.82	.98	42,400	4040	.65	.84	1.00
	1750	48,400	2880	.64	.81	.97	46,700	3200	.65	.83	.99	44,800	3580	.66	.85	1.00	43,000	4060	.67	.87	1.00
71	1450	49,400	2900	.45	.59	.74	47,700	3220	.45	.60	.75	45,900	3610	.45	.61	.76	44,100	4090	.46	.62	.78
	1600	50,300	2920	.45	.61	.76	48,500	3240	.46	.62	.78	46,600	3630	.46	.63	.79	44,800	4120	.47	.64	.81
	1750	51,000	2930	.46	.63	.79	49,200	3250	.47	.64	.81	47,300	3650	.47	.65	.83	45,400	4140	.48	.66	.85

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

HS22-511V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	42,900	3190	.66	.81	.96	41,500	3580	.67	.83	.98	39,900	4050	.68	.85	1.00	38,400	4640	.69	.87	1.00
	1600	44,100	3200	.69	.85	1.00	42,600	3580	.70	.87	1.00	41,000	4050	.71	.89	1.00	39,400	4650	.73	.91	1.00
	1800	45,100	3200	.72	.88	1.00	43,500	3580	.73	.90	1.00	42,100	4060	.75	.92	1.00	40,200	4650	.76	.95	1.00
67	1400	45,500	3210	.52	.65	.79	44,000	3590	.52	.66	.80	42,500	4060	.53	.67	.82	40,900	4650	.53	.68	.83
	1600	46,800	3210	.53	.67	.83	45,300	3590	.54	.68	.85	43,600	4070	.54	.70	.86	42,000	4660	.55	.71	.88
	1800	47,900	3220	.55	.69	.88	46,300	3600	.56	.71	.89	44,700	4070	.56	.72	.91	42,900	4670	.57	.74	.93
71	1400	48,100	3220	.38	.52	.64	46,600	3600	.39	.53	.65	45,000	4080	.39	.54	.66	43,400	4670	.39	.54	.67
	1600	49,400	3230	.39	.54	.67	47,900	3610	.39	.54	.68	46,300	4080	.39	.55	.69	44,500	4680	.40	.56	.70
	1800	50,600	3240	.40	.55	.70	48,900	3620	.40	.56	.71	47,300	4090	.40	.56	.72	45,500	4690	.40	.57	.73

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	43,300	3200	.67	.83	.97	41,700	3580	.68	.84	.99	40,200	4040	.69	.86	1.00	38,500	4640	.70	.88	1.00
	1600	44,400	3200	.70	.87	1.00	42,800	3580	.71	.89	1.00	41,200	4050	.72	.91	1.00	39,600	4650	.74	.93	1.00
	1800	45,400	3210	.73	.91	1.00	43,900	3590	.74	.92	1.00	42,300	4060	.76	.94	1.00	40,600	4650	.77	.97	1.00
67	1400	45,800	3210	.52	.66	.80	44,300	3590	.53	.67	.81	42,700	4060	.53	.68	.83	41,000	4660	.54	.69	.85
	1600	47,100	3210	.54	.68	.84	45,500	3590	.55	.69	.86	43,800	4070	.55	.70	.88	42,100	4660	.56	.72	.90
	1800	48,200	3220	.56	.71	.89	46,500	3600	.56	.72	.90	44,800	4080	.57	.73	.92	43,000	4670	.58	.75	.95
71	1400	48,300	3220	.39	.53	.65	46,800	3600	.39	.53	.66	45,100	4080	.39	.54	.67	43,400	4670	.40	.54	.68
	1600	49,700	3240	.40	.54	.68	48,000	3620	.40	.55	.69	46,400	4090	.40	.55	.70	44,600	4680	.40	.56	.71
	1800	50,900	3260	.40	.55	.71	49,200	3630	.40	.56	.72	47,400	4100	.41	.57	.73	45,500	4690	.41	.58	.75

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

HS22-511V WITH C16-51FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	44,200	3200	.67	.84	.99	42,700	3580	.68	.85	1.00	41,100	4040	.69	.87	1.00	39,500	4640	.71	.89	1.00
	1600	45,400	3210	.70	.88	1.00	43,900	3590	.72	.90	1.00	42,300	4060	.73	.92	1.00	40,700	4650	.74	.94	1.00
	1800	46,600	3210	.74	.92	1.00	45,100	3590	.75	.93	1.00	43,200	4060	.77	.96	1.00	41,600	4660	.78	.97	1.00
67	1400	46,800	3210	.53	.66	.81	45,300	3590	.53	.67	.82	43,600	4060	.54	.68	.84	41,900	4660	.55	.70	.86
	1600	48,100	3220	.55	.69	.85	46,500	3600	.55	.70	.87	44,800	4070	.56	.71	.89	43,000	4670	.57	.73	.91
	1800	49,200	3230	.56	.72	.90	47,500	3600	.57	.73	.92	45,800	4080	.58	.75	.94	43,900	4670	.58	.76	.96
71	1400	49,300	3230	.39	.53	.66	47,700	3610	.40	.53	.67	46,100	4080	.40	.54	.68	44,400	4680	.40	.55	.69
	1600	50,700	3250	.40	.54	.69	49,100	3620	.40	.55	.69	47,300	4090	.40	.56	.71	45,500	4690	.41	.57	.72
	1800	51,900	3260	.41	.56	.71	50,100	3640	.41	.57	.73	48,300	4110	.41	.58	.74	46,500	4690	.41	.59	.75

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS22-511V WITH CR16-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	44,300	3200	.67	.83	.98	42,800	3580	.68	.85	1.00	41,200	4040	.69	.87	1.00	39,600	4640	.70	.89	1.00
	1600	45,500	3210	.70	.87	1.00	44,000	3590	.71	.89	1.00	42,300	4050	.73	.91	1.00	40,700	4650	.74	.94	1.00
	1800	46,600	3210	.74	.91	1.00	45,100	3590	.75	.93	1.00	43,300	4060	.76	.95	1.00	41,600	4660	.78	.98	1.00
67	1400	47,000	3210	.53	.66	.81	45,500	3590	.53	.67	.82	43,900	4070	.54	.68	.83	42,200	4660	.54	.69	.85
	1600	48,400	3220	.54	.68	.85	46,700	3600	.55	.70	.87	45,100	4080	.56	.71	.88	43,300	4670	.56	.73	.90
	1800	49,500	3230	.56	.71	.89	47,800	3610	.57	.72	.91	46,000	4080	.57	.74	.93	44,200	4680	.58	.76	.95
71	1400	49,700	3230	.39	.53	.66	48,100	3610	.39	.54	.67	46,500	4090	.40	.54	.67	44,700	4680	.40	.55	.68
	1600	51,100	3250	.40	.54	.68	49,400	3630	.40	.55	.69	47,700	4100	.40	.56	.70	45,900	4690	.41	.57	.72
	1800	52,300	3270	.40	.56	.71	50,500	3640	.41	.57	.72	48,800	4110	.41	.57	.74	46,900	4690	.41	.58	.75

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

HS22-511V WITH C16-65 OR C16-65FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	44,700	3200	.68	.84	.99	43,200	3580	.69	.86	1.00	41,600	4040	.70	.88	1.00	40,000	4640	.71	.90	1.00
	1600	46,000	3210	.71	.88	1.00	44,500	3590	.72	.90	1.00	42,900	4060	.73	.92	1.00	41,200	4650	.75	.94	1.00
	1800	47,200	3210	.74	.92	1.00	45,800	3590	.75	.94	1.00	43,800	4070	.77	.96	1.00	42,100	4660	.78	.98	1.00
67	1400	47,400	3210	.53	.66	.81	45,800	3590	.54	.67	.82	44,200	4070	.54	.68	.84	42,400	4660	.55	.70	.86
	1600	48,700	3220	.55	.69	.86	47,100	3600	.55	.70	.87	45,400	4080	.56	.72	.89	43,600	4670	.57	.73	.91
	1800	49,800	3230	.56	.72	.90	48,100	3610	.57	.73	.92	46,400	4090	.58	.75	.94	44,500	4680	.59	.77	.96
71	1400	50,000	3230	.39	.53	.66	48,400	3620	.40	.54	.67	46,700	4090	.40	.54	.68	44,900	4680	.40	.55	.69
	1600	51,400	3260	.40	.55	.69	49,700	3630	.40	.55	.70	48,000	4100	.41	.56	.71	46,100	4690	.41	.57	.72
	1800	52,600	3270	.41	.56	.72	50,800	3650	.41	.57	.73	49,000	4110	.41	.58	.74	47,000	4700	.42	.59	.76

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	44,300	3200	.69	.86	1.00	42,800	3580	.70	.88	1.00	41,200	4040	.71	.90	1.00	39,500	4640	.72	.92	1.00
	1600	45,600	3210	.72	.90	1.00	44,000	3590	.73	.92	1.00	42,300	4060	.75	.94	1.00	40,700	4650	.76	.96	1.00
	1800	46,800	3210	.75	.94	1.00	45,100	3590	.77	.96	1.00	43,500	4060	.78	.97	1.00	41,800	4660	.80	.99	1.00
67	1400	46,900	3210	.54	.68	.83	45,300	3590	.55	.69	.84	43,600	4060	.55	.70	.86	41,900	4660	.56	.72	.88
	1600	48,200	3220	.56	.71	.88	46,500	3600	.56	.72	.89	44,700	4070	.57	.74	.91	42,900	4670	.58	.76	.93
	1800	49,200	3230	.58	.74	.92	47,500	3600	.58	.75	.94	45,700	4080	.59	.77	.97	43,800	4670	.60	.79	.99
71	1400	49,500	3230	.40	.54	.68	47,800	3610	.40	.54	.68	46,200	4080	.41	.55	.69	44,300	4680	.41	.56	.70
	1600	50,800	3250	.41	.56	.70	49,100	3620	.41	.56	.71	47,300	4090	.41	.57	.72	45,500	4690	.42	.58	.74
	1800	51,900	3260	.42	.57	.73	50,100	3640	.42	.58	.74	48,300	4100	.42	.59	.76	46,300	4690	.43	.60	.77

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	44,900	3200	.68	.84	.99	43,400	3580	.69	.86	1.00	41,700	4040	.70	.87	1.00	40,100	4640	.71	.90	1.00
	1600	46,300	3210	.70	.88	1.00	44,600	3590	.72	.90	1.00	42,900	4060	.73	.92	1.00	41,100	4650	.75	.94	1.00
	1800	47,400	3210	.74	.92	1.00	45,600	3590	.75	.94	1.00	43,900	4070	.77	.96	1.00	42,100	4660	.78	.98	1.00
67	1400	47,800	3220	.53	.66	.81	46,200	3590	.53	.67	.82	44,500	4070	.54	.68	.84	42,700	4660	.55	.70	.86
	1600	49,100	3220	.55	.69	.85	47,400	3600	.55	.70	.87	45,700	4080	.56	.71	.89	43,800	4670	.57	.73	.91
	1800	50,200	3240	.56	.72	.90	48,400	3620	.57	.73	.92	46,600	4090	.58	.75	.94	44,700	4680	.59	.77	.96
71	1400	50,700	3250	.39	.53	.66	49,000	3620	.40	.53	.67	47,200	4100	.40	.54	.68	45,400	4690	.40	.55	.69
	1600	52,100	3270	.40	.54	.69	50,300	3640	.40	.55	.69	48,500	4110	.40	.56	.71	46,500	4700	.41	.57	.72
	1800	53,100	3280	.41	.56	.71	51,300	3660	.41	.57	.73	49,400	4120	.41	.58	.74	47,400	4700	.42	.59	.75

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS22-511V WITH CH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	45,000	3210	.69	.86	1.00	43,400	3580	.70	.88	1.00	41,900	4050	.71	.90	1.00	40,200	4650	.72	.92	1.00
	1600	46,400	3220	.72	.90	1.00	44,800	3590	.73	.92	1.00	43,100	4070	.75	.95	1.00	41,300	4660	.76	.97	1.00
	1800	47,400	3220	.75	.95	1.00	45,800	3600	.77	.97	1.00	44,300	4080	.78	.98	1.00	42,700	4670	.80	1.00	1.00
67	1400	47,600	3230	.54	.68	.83	46,000	3600	.55	.69	.84	44,400	4080	.55	.70	.86	42,600	4670	.56	.71	.88
	1600	48,900	3240	.56	.71	.88	47,300	3620	.56	.72	.89	45,500	4090	.57	.73	.91	43,700	4680	.58	.75	.93
	1800	50,000	3260	.58	.74	.92	48,300	3640	.58	.75	.94	46,400	4100	.59	.77	.96	44,500	4690	.60	.79	.99
71	1400	50,200	3260	.40	.53	.68	48,600	3640	.40	.54	.68	46,800	4110	.41	.55	.69	45,000	4690	.41	.56	.70
	1600	51,600	3290	.41	.55	.70	49,800	3660	.41	.56	.71	48,000	4120	.41	.57	.72	46,100	4700	.42	.58	.74
	1800	52,700	3300	.42	.57	.73	50,900	3680	.42	.58	.74	49,000	4140	.42	.59	.76	47,000	4710	.42	.60	.77

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	45,400	3210	.69	.86	1.00	43,800	3580	.70	.88	1.00	42,300	4050	.71	.89	1.00	40,500	4650	.72	.92	1.00
	1600	46,600	3210	.72	.91	1.00	45,100	3590	.73	.92	1.00	43,400	4070	.75	.95	1.00	41,600	4660	.76	.97	1.00
	1800	47,700	3220	.75	.95	1.00	46,100	3600	.77	.97	1.00	44,600	4080	.78	.98	1.00	42,800	4670	.80	1.00	1.00
67	1400	48,000	3220	.54	.68	.83	46,300	3600	.55	.69	.84	44,800	4080	.55	.70	.86	43,000	4670	.56	.71	.88
	1600	49,300	3240	.56	.71	.88	47,500	3620	.56	.72	.89	45,800	4090	.57	.73	.91	44,000	4680	.58	.75	.93
	1800	50,300	3260	.58	.74	.92	48,700	3630	.58	.75	.94	46,700	4100	.59	.77	.97	44,800	4690	.60	.79	.99
71	1400	50,600	3260	.40	.54	.68	48,900	3640	.40	.54	.68	47,100	4100	.41	.55	.69	45,300	4690	.41	.56	.70
	1600	51,900	3280	.41	.55	.70	50,200	3660	.41	.56	.71	48,300	4120	.41	.57	.72	46,400	4700	.42	.58	.74
	1800	53,000	3300	.42	.57	.73	51,200	3670	.42	.58	.74	49,300	4130	.42	.59	.76	47,300	4710	.43	.60	.78

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	45,400	3210	.68	.84	.99	43,900	3580	.69	.86	1.00	42,300	4050	.70	.88	1.00	40,700	4640	.71	.90	1.00
	1600	46,900	3210	.71	.88	1.00	45,200	3600	.72	.90	1.00	43,600	4060	.73	.92	1.00	41,600	4660	.75	.95	1.00
	1800	48,100	3220	.74	.93	1.00	46,200	3600	.76	.95	1.00	44,500	4080	.77	.97	1.00	42,700	4670	.79	.99	1.00
67	1400	48,400	3220	.53	.66	.81	46,700	3600	.54	.67	.83	45,000	4080	.54	.69	.84	43,200	4670	.55	.70	.86
	1600	49,700	3240	.55	.69	.86	48,000	3620	.55	.70	.87	46,200	4090	.56	.72	.89	44,300	4680	.57	.73	.91
	1800	50,600	3250	.57	.72	.90	48,800	3630	.57	.74	.92	47,000	4100	.58	.76	.94	45,100	4690	.59	.77	.97
71	1400	51,200	3260	.39	.53	.66	49,500	3640	.40	.53	.67	47,800	4100	.40	.54	.68	45,900	4690	.40	.55	.69
	1600	52,600	3280	.40	.54	.69	50,800	3660	.40	.55	.70	48,900	4120	.41	.56	.71	47,000	4700	.41	.57	.72
	1800	53,800	3300	.41	.56	.72	51,800	3670	.41	.57	.73	49,900	4130	.41	.58	.74	47,800	4710	.42	.59	.76

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

HS22-511V WITH CH20-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	46,000	3220	.66	.82	.97	44,400	3590	.67	.84	.99	42,900	4040	.68	.86	1.00	41,200	4600	.69	.88	1.00
	1600	47,200	3230	.69	.86	1.00	45,600	3600	.70	.88	1.00	44,000	4050	.72	.90	1.00	42,000	4620	.73	.93	1.00
	1800	48,300	3240	.73	.90	1.00	46,400	3600	.74	.92	1.00	44,700	4060	.75	.94	1.00	42,600	4630	.77	.97	1.00
67	1400	48,500	3240	.52	.66	.80	46,900	3610	.53	.66	.81	45,200	4070	.53	.67	.82	43,500	4640	.54	.69	.84
	1600	49,800	3260	.54	.68	.84	48,200	3630	.54	.69	.85	46,400	4090	.55	.70	.87	44,600	4660	.56	.72	.89
	1800	50,900	3280	.55	.70	.88	49,200	3650	.56	.72	.90	47,400	4110	.57	.73	.92	45,500	4670	.58	.75	.94
71	1400	51,000	3280	.39	.52	.65	49,400	3650	.39	.53	.66	47,600	4110	.39	.54	.67	45,800	4670	.39	.54	.68
	1600	52,400	3310	.39	.54	.68	50,700	3680	.40	.54	.69	48,900	4130	.40	.55	.70	46,900	4700	.40	.56	.71
	1800	53,500	3330	.40	.55	.71	51,700	3700	.40	.56	.72	49,900	4150	.41	.57	.73	47,900	4710	.41	.58	.74

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS22-511V WITH C14-41FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	45,900	3210	.70	.87	1.00	44,300	3580	.71	.89	1.00	42,700	4050	.72	.91	1.00	41,000	4640	.73	.93	1.00
	1600	47,300	3210	.73	.92	1.00	45,600	3600	.74	.94	1.00	43,900	4060	.75	.96	1.00	42,100	4660	.77	.98	1.00
	1800	48,400	3220	.76	.96	1.00	46,700	3600	.78	.98	1.00	45,000	4080	.79	.99	1.00	43,400	4670	.81	1.00	1.00
67	1400	48,800	3220	.55	.68	.84	47,000	3600	.55	.69	.85	45,300	4080	.56	.70	.87	43,600	4670	.56	.72	.89
	1600	50,000	3230	.56	.71	.88	48,300	3610	.57	.72	.90	46,400	4080	.58	.74	.92	44,500	4680	.58	.76	.94
	1800	51,000	3250	.58	.75	.93	49,200	3630	.59	.76	.95	47,200	4090	.60	.78	.98	45,300	4690	.60	.81	1.00
71	1400	51,600	3260	.41	.54	.68	49,900	3640	.41	.54	.69	48,000	4100	.41	.55	.70	46,100	4690	.41	.56	.71
	1600	52,900	3280	.41	.56	.71	51,100	3650	.41	.56	.72	49,200	4120	.42	.57	.73	47,200	4700	.42	.58	.74
	1800	54,000	3300	.42	.58	.74	52,100	3670	.42	.59	.75	50,100	4130	.43	.60	.76	48,100	4700	.43	.61	.78

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

HS22-511V WITH C14-65 OR C14-65FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	47,000	3210	.69	.86	1.00	45,400	3580	.70	.88	1.00	43,700	4050	.71	.90	1.00	41,900	4650	.73	.92	1.00
	1600	48,400	3220	.72	.91	1.00	46,600	3590	.74	.93	1.00	44,900	4070	.75	.95	1.00	43,100	4670	.77	.98	1.00
	1800	49,600	3230	.76	.96	1.00	47,900	3610	.77	.98	1.00	46,100	4080	.79	.99	1.00	44,400	4680	.80	1.00	1.00
67	1400	49,900	3230	.54	.68	.83	48,200	3610	.55	.69	.85	46,400	4080	.55	.70	.86	44,400	4680	.56	.71	.88
	1600	51,300	3250	.56	.71	.88	49,400	3630	.57	.72	.90	47,500	4100	.57	.74	.92	45,500	4690	.58	.76	.94
	1800	52,300	3270	.58	.74	.93	50,300	3640	.59	.76	.95	48,500	4110	.59	.78	.97	46,400	4690	.60	.80	1.00
71	1400	52,800	3280	.40	.53	.68	51,000	3650	.41	.54	.69	49,200	4120	.41	.55	.69	47,200	4700	.41	.56	.71
	1600	54,200	3300	.41	.55	.70	52,300	3670	.41	.56	.71	50,300	4130	.42	.57	.73	48,300	4710	.42	.58	.74
	1800	55,300	3320	.42	.57	.73	53,300	3690	.42	.58	.75	51,300	4150	.42	.59	.76	49,200	4720	.43	.60	.78

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

HS22-511V WITH CH20-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	46,900	3210	.66	.82	.97	45,400	3580	.67	.84	.99	43,700	4050	.68	.86	1.00	42,000	4650	.69	.88	1.00
	1600	48,300	3220	.69	.86	1.00	46,600	3600	.70	.88	1.00	44,900	4070	.72	.90	1.00	43,000	4660	.73	.93	1.00
	1800	49,400	3230	.72	.90	1.00	47,600	3600	.74	.92	1.00	45,800	4080	.75	.94	1.00	43,800	4670	.77	.97	1.00
67	1400	49,600	3230	.52	.66	.80	47,900	3610	.53	.66	.81	46,200	4080	.53	.67	.82	44,500	4680	.54	.69	.84
	1600	51,000	3250	.54	.68	.84	49,300	3630	.54	.69	.85	47,500	4090	.55	.70	.87	45,500	4690	.56	.72	.89
	1800	52,100	3270	.55	.70	.88	50,300	3640	.56	.72	.90	48,500	4110	.57	.73	.92	46,500	4700	.58	.75	.94
71	1400	52,100	3270	.39	.52	.65	50,500	3640	.39	.53	.66	48,700	4110	.39	.53	.67	46,800	4700	.39	.54	.68
	1600	53,600	3290	.39	.54	.68	51,800	3660	.40	.54	.69	50,000	4120	.40	.55	.70	48,000	4700	.40	.56	.71
	1800	54,800	3300	.40	.55	.70	52,900	3680	.40	.56	.72	51,000	4140	.41	.57	.73	49,000	4710	.41	.57	.74

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

HS22-511V WITH CH19-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	47,200	3220	.68	.83	.99	45,600	3600	.68	.85	1.00	43,900	4060	.69	.87	1.00	42,200	4650	.71	.89	1.00
	1600	48,600	3240	.70	.88	1.00	46,800	3620	.72	.90	1.00	45,000	4090	.73	.93	1.00	43,200	4680	.75	.95	1.00
	1800	49,800	3260	.74	.93	1.00	48,200	3630	.75	.95	1.00	46,200	4100	.77	.97	1.00	44,400	4690	.78	.99	1.00
67	1400	49,900	3260	.53	.66	.81	48,200	3640	.54	.67	.82	46,500	4100	.54	.68	.84	44,600	4690	.55	.70	.86
	1600	51,300	3280	.55	.69	.85	49,600	3660	.55	.70	.87	47,700	4120	.56	.72	.89	45,800	4700	.57	.73	.91
	1800	52,400	3300	.56	.72	.90	50,600	3670	.57	.73	.92	48,700	4130	.58	.75	.94	46,700	4710	.59	.77	.96
71	1400	52,500	3300	.39	.53	.66	50,900	3670	.40	.53	.67	48,900	4130	.40	.54	.68	47,000	4710	.40	.55	.69
	1600	53,900	3320	.40	.54	.69	52,100	3690	.40	.55	.70	50,200	4150	.41	.56	.71	48,200	4720	.41	.57	.72
	1800	55,100	3340	.41	.56	.72	53,200	3710	.41	.57	.73	51,200	4170	.41	.58	.74	49,200	4740	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	46,800	3220	.67	.83	.98	45,100	3600	.68	.85	1.00	43,500	4060	.69	.87	1.00	41,700	4650	.71	.89	1.00
	1600	48,200	3240	.70	.88	1.00	46,500	3620	.71	.90	1.00	44,600	4090	.73	.92	1.00	42,800	4680	.74	.95	1.00
	1800	49,200	3260	.74	.93	1.00	47,600	3630	.75	.95	1.00	45,600	4100	.77	.97	1.00	43,800	4690	.78	.99	1.00
67	1400	49,500	3260	.53	.66	.81	47,700	3640	.53	.67	.82	46,000	4100	.54	.68	.84	44,100	4690	.55	.69	.86
	1600	50,900	3280	.55	.69	.85	49,200	3660	.55	.70	.87	47,400	4120	.56	.71	.89	45,300	4700	.57	.73	.91
	1800	52,200	3300	.56	.72	.90	50,300	3670	.57	.73	.91	48,300	4130	.58	.75	.94	46,200	4710	.58	.77	.96
71	1400	52,000	3300	.39	.53	.66	50,100	3670	.40	.53	.67	48,400	4130	.40	.54	.68	46,500	4710	.40	.55	.69
	1600	53,500	3320	.40	.54	.69	51,600	3690	.40	.55	.70	49,700	4150	.40	.56	.71	47,700	4720	.41	.57	.72
	1800	54,600	3340	.41	.56	.72	52,700	3710	.41	.57	.73	50,700	4170	.41	.58	.74	48,600	4730	.42	.59	.76

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	47,400	3220	.67	.83	.98	45,600	3600	.68	.85	1.00	43,900	4060	.69	.87	1.00	42,100	4650	.71	.89	1.00
	1600	48,800	3240	.70	.88	1.00	47,000	3620	.71	.90	1.00	45,100	4090	.73	.92	1.00	43,300	4680	.74	.95	1.00
	1800	49,700	3260	.74	.93	1.00	48,100	3630	.75	.95	1.00	46,100	4100	.77	.97	1.00	44,300	4690	.78	.99	1.00
67	1400	50,000	3260	.53	.66	.81	48,200	3640	.53	.67	.82	46,500	4100	.54	.68	.84	44,600	4690	.55	.69	.86
	1600	51,400	3280	.55	.69	.85	49,700	3660	.55	.70	.87	47,900	4120	.56	.71	.89	45,800	4700	.57	.73	.91
	1800	52,700	3300	.56	.72	.90	50,900	3670	.57	.73	.91	48,900	4130	.58	.75	.94	46,800	4710	.58	.77	.96
71	1400	52,600	3300	.39	.53	.66	50,700	3670	.40	.53	.67	48,900	4130	.40	.54	.68	47,000	4710	.40	.55	.69
	1600	54,100	3320	.40	.54	.69	52,200	3690	.40	.55	.70	50,300	4150	.40	.56	.71	48,200	4720	.41	.57	.72
	1800	55,200	3340	.41	.56	.72	53,300	3710	.41	.57	.73	51,200	4170	.41	.58	.74	49,100	4730	.42	.59	.76

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	49,300	3220	.68	.84	1.00	47,400	3590	.69	.86	1.00	45,600	4060	.70	.88	1.00	43,900	4650	.71	.90	1.00
	1600	50,600	3230	.71	.89	1.00	48,800	3610	.72	.91	1.00	47,000	4080	.74	.93	1.00	45,100	4670	.75	.96	1.00
	1800	51,800	3250	.74	.94	1.00	50,000	3620	.76	.96	1.00	48,200	4090	.77	.98	1.00	46,300	4680	.79	1.00	1.00
67	1400	52,000	3250	.53	.67	.82	50,200	3630	.54	.68	.83	48,400	4100	.54	.69	.85	46,400	4690	.55	.70	.86
	1600	53,500	3270	.55	.69	.86	51,600	3640	.56	.70	.88	49,700	4110	.56	.72	.90	47,700	4700	.57	.74	.92
	1800	54,700	3290	.57	.72	.91	52,800	3660	.57	.74	.93	50,700	4120	.58	.76	.95	48,600	4700	.59	.78	.97
71	1400	54,800	3290	.40	.53	.67	52,900	3660	.40	.53	.67	51,000	4130	.40	.54	.68	49,000	4700	.40	.55	.69
	1600	56,300	3310	.40	.55	.69	54,300	3680	.41	.55	.70	52,300	4140	.41	.56	.71	50,200	4720	.41	.57	.73
	1800	57,400	3330	.41	.56	.72	55,400	3700	.41	.57	.73	53,300	4160	.42	.58	.75	51,200	4730	.42	.59	.76

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

HS22-651V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	49,900	4020	.65	.79	.92	48,400	4460	.66	.80	.93	46,600	5000	.67	.81	.95	44,900	5670	.68	.83	.97
	1600	51,700	4040	.68	.82	.96	50,000	4470	.69	.83	.98	48,100	5010	.70	.85	1.00	46,200	5690	.71	.86	1.00
	1800	53,100	4040	.71	.84	1.00	51,300	4480	.72	.86	1.00	49,400	5020	.73	.88	1.00	47,400	5700	.74	.90	1.00
67	1400	52,900	4040	.51	.65	.77	51,500	4480	.52	.66	.78	49,600	5020	.52	.66	.79	47,700	5700	.53	.67	.81
	1600	54,800	4050	.53	.67	.80	53,100	4490	.53	.68	.82	51,300	5040	.54	.69	.83	49,300	5710	.54	.70	.85
	1800	56,400	4060	.54	.68	.84	54,500	4500	.55	.69	.85	52,600	5050	.55	.71	.87	50,500	5720	.56	.72	.89
71	1400	56,100	4060	.38	.52	.64	54,400	4500	.38	.53	.65	52,500	5050	.38	.53	.65	50,800	5720	.39	.54	.66
	1600	58,000	4070	.39	.53	.66	56,200	4510	.39	.54	.67	54,300	5060	.39	.55	.68	52,300	5740	.39	.55	.69
	1800	59,600	4090	.39	.55	.69	57,700	4530	.39	.55	.70	55,700	5070	.40	.56	.71	53,600	5750	.40	.57	.72

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 9.

HS22-651V WITH C16-51FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	51,900	4030	.66	.80	.93	50,300	4470	.67	.81	.94	48,400	5010	.68	.83	.96	46,400	5690	.69	.85	.98
	1600	53,700	4040	.69	.83	.98	51,800	4480	.70	.85	1.00	49,900	5020	.71	.86	1.00	47,900	5700	.73	.88	1.00
	1800	55,100	4050	.72	.86	1.00	53,200	4490	.73	.88	1.00	51,300	5030	.74	.90	1.00	49,100	5710	.76	.92	1.00
67	1400	55,000	4050	.52	.66	.78	53,300	4490	.52	.66	.79	51,300	5030	.53	.67	.81	49,400	5710	.54	.68	.82
	1600	56,900	4060	.54	.68	.82	55,000	4500	.54	.69	.83	53,000	5040	.55	.70	.84	50,900	5720	.55	.71	.86
	1800	58,400	4070	.55	.70	.85	56,400	4510	.56	.71	.87	54,400	5060	.56	.72	.88	52,200	5730	.57	.73	.90
71	1400	58,100	4070	.39	.53	.65	56,200	4510	.39	.53	.66	54,300	5050	.39	.54	.66	52,300	5730	.39	.54	.67
	1600	60,100	4080	.39	.54	.67	58,100	4520	.39	.55	.68	56,000	5070	.40	.55	.69	53,900	5750	.40	.56	.70
	1800	61,700	4100	.40	.55	.70	59,600	4540	.40	.56	.71	57,500	5090	.40	.57	.72	55,200	5760	.41	.58	.73

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

HS22-651V WITH CR16-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	52,300	4030	.66	.80	.93	50,600	4470	.67	.81	.95	48,700	5010	.68	.83	.96	46,700	5700	.69	.85	.99
	1600	54,000	4040	.69	.83	.98	52,200	4480	.70	.85	1.00	50,200	5020	.71	.86	1.00	48,100	5700	.73	.89	1.00
	1800	55,400	4050	.72	.86	1.00	53,500	4490	.73	.88	1.00	51,500	5030	.74	.90	1.00	49,400	5710	.76	.92	1.00
67	1400	55,400	4050	.52	.66	.78	53,700	4490	.52	.67	.79	51,800	5030	.53	.67	.81	49,800	5710	.54	.68	.82
	1600	57,400	4060	.54	.68	.82	55,500	4500	.54	.69	.83	53,500	5050	.55	.70	.84	51,400	5720	.55	.71	.86
	1800	58,900	4080	.55	.70	.85	57,000	4520	.56	.71	.87	54,900	5060	.56	.72	.88	52,700	5740	.57	.74	.90
71	1400	58,700	4070	.39	.53	.65	56,800	4510	.39	.53	.66	54,800	5060	.39	.54	.66	52,800	5740	.39	.54	.67
	1600	60,700	4090	.39	.54	.67	58,700	4530	.39	.55	.68	56,700	5080	.40	.55	.69	54,500	5750	.40	.56	.70
	1800	62,400	4110	.40	.55	.70	60,300	4550	.40	.56	.71	58,100	5090	.40	.57	.72	55,900	5770	.41	.58	.73

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	51,800	4030	.67	.80	.93	50,100	4470	.67	.82	.95	48,100	5010	.69	.83	.97	46,100	5690	.70	.85	.99
	1600	53,500	4040	.69	.84	.98	51,600	4480	.70	.85	1.00	49,500	5020	.72	.87	1.00	47,500	5700	.73	.89	1.00
	1800	54,800	4050	.72	.87	1.00	52,900	4490	.73	.89	1.00	50,700	5030	.75	.90	1.00	48,700	5710	.76	.92	1.00
67	1400	55,200	4050	.52	.66	.78	53,300	4490	.53	.66	.79	51,300	5040	.53	.67	.81	49,200	5710	.54	.68	.82
	1600	57,000	4060	.54	.68	.82	55,000	4500	.54	.69	.83	52,900	5050	.55	.70	.85	50,700	5720	.56	.71	.86
	1800	58,400	4080	.55	.70	.85	56,400	4520	.56	.71	.87	54,200	5060	.57	.72	.89	51,900	5730	.57	.74	.91
71	1400	58,600	4080	.39	.53	.65	56,600	4520	.39	.53	.66	54,600	5060	.39	.54	.66	52,400	5740	.39	.54	.68
	1600	60,400	4100	.39	.54	.67	58,400	4530	.39	.55	.68	56,200	5080	.40	.55	.69	54,000	5750	.40	.56	.70
	1800	62,100	4110	.40	.55	.70	59,800	4550	.40	.56	.71	57,600	5090	.40	.57	.72	55,300	5770	.41	.58	.73

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

HS22-651V WITH CH20-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	53,400	4040	.65	.79	.91	51,500	4480	.66	.80	.93	49,600	5020	.67	.82	.95	47,600	5710	.68	.83	.97
	1600	55,100	4050	.68	.82	.96	53,200	4490	.69	.83	.98	51,200	5030	.70	.85	1.00	49,100	5710	.71	.87	1.00
	1800	56,500	4060	.71	.85	1.00	54,500	4500	.72	.86	1.00	52,500	5040	.73	.88	1.00	50,300	5720	.75	.90	1.00
67	1400	56,400	4060	.51	.65	.77	54,400	4500	.52	.66	.78	52,700	5040	.52	.66	.79	50,500	5720	.53	.67	.81
	1600	58,200	4070	.53	.67	.80	56,300	4510	.53	.68	.82	54,200	5050	.54	.69	.83	52,100	5730	.55	.70	.85
	1800	59,700	4080	.54	.69	.84	57,700	4520	.55	.70	.85	55,600	5070	.56	.71	.87	53,400	5740	.56	.72	.89
71	1400	59,400	4080	.38	.52	.64	57,500	4520	.38	.53	.65	55,500	5070	.38	.53	.66	53,300	5740	.39	.54	.67
	1600	61,300	4100	.39	.53	.66	59,300	4540	.39	.54	.67	57,200	5080	.39	.54	.68	55,000	5760	.39	.55	.69
	1800	62,900	4110	.39	.55	.69	60,800	4550	.40	.55	.70	58,600	5100	.40	.56	.71	56,300	5770	.40	.57	.72

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS22-651V WITH C16-65 OR C16-65FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	53,400	4000	.67	.80	.93	51,600	4430	.67	.82	.95	49,500	4970	.68	.83	.97	47,600	5640	.70	.85	.99
	1600	55,100	4010	.69	.83	.98	53,200	4440	.70	.85	1.00	51,200	4980	.71	.87	1.00	49,200	5650	.73	.89	1.00
	1800	56,600	4010	.72	.87	1.00	54,600	4450	.73	.88	1.00	52,700	4990	.74	.90	1.00	50,300	5660	.76	.92	1.00
67	1400	56,500	4010	.52	.66	.78	54,700	4450	.53	.66	.79	52,800	4990	.53	.67	.81	50,700	5660	.54	.68	.82
	1600	58,500	4020	.54	.68	.82	56,500	4460	.54	.69	.83	54,500	5000	.55	.70	.85	52,300	5670	.56	.71	.86
	1800	60,100	4040	.55	.70	.85	58,000	4470	.56	.71	.87	55,900	5010	.57	.72	.89	53,600	5680	.57	.74	.90
71	1400	59,800	4040	.39	.53	.65	57,800	4470	.39	.53	.66	55,800	5010	.39	.54	.67	53,800	5680	.39	.54	.68
	1600	61,800	4050	.39	.54	.67	59,700	4490	.40	.55	.68	57,600	5030	.40	.55	.69	55,400	5700	.40	.56	.70
	1800	63,400	4070	.40	.55	.70	61,300	4510	.40	.56	.71	59,100	5040	.40	.57	.72	56,700	5710	.41	.58	.73

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

HS22-651V WITH CH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	54,000	4050	.68	.82	.95	52,100	4490	.69	.83	.96	50,100	5040	.70	.85	.98	48,000	5710	.71	.87	1.00
	1600	55,700	4060	.70	.85	1.00	53,700	4500	.71	.87	1.00	51,700	5040	.73	.89	1.00	49,500	5720	.74	.91	1.00
	1800	57,200	4070	.73	.89	1.00	55,200	4510	.74	.90	1.00	53,000	5050	.76	.92	1.00	50,900	5730	.77	.94	1.00
67	1400	57,200	4070	.53	.67	.80	55,200	4510	.53	.67	.81	53,400	5050	.54	.68	.82	51,100	5730	.55	.70	.84
	1600	59,100	4080	.55	.69	.83	57,000	4520	.55	.70	.85	54,900	5070	.56	.71	.86	52,600	5740	.57	.72	.88
	1800	60,600	4100	.56	.71	.87	58,500	4540	.57	.72	.89	56,300	5080	.58	.74	.90	53,900	5750	.58	.75	.92
71	1400	60,400	4090	.39	.53	.66	58,400	4530	.40	.54	.67	56,200	5080	.40	.54	.68	54,100	5750	.40	.55	.69
	1600	62,300	4110	.40	.55	.69	60,200	4560	.40	.55	.69	58,000	5100	.40	.56	.71	55,700	5770	.41	.57	.72
	1800	64,000	4140	.41	.56	.71	61,800	4570	.41	.57	.72	59,400	5120	.41	.58	.73	57,000	5790	.41	.59	.75

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

HS22-651V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	53,900	4050	.68	.82	.95	51,900	4490	.69	.83	.97	49,900	5030	.70	.85	.98	47,800	5710	.71	.87	1.00
	1600	55,500	4050	.70	.85	1.00	53,500	4490	.72	.87	1.00	51,500	5040	.73	.89	1.00	49,400	5720	.74	.91	1.00
	1800	57,100	4060	.73	.89	1.00	55,100	4500	.74	.90	1.00	52,900	5050	.76	.92	1.00	50,700	5720	.77	.94	1.00
67	1400	56,900	4060	.53	.67	.80	55,200	4500	.53	.67	.81	53,100	5050	.54	.68	.82	50,900	5730	.55	.70	.84
	1600	58,900	4080	.55	.69	.83	56,800	4520	.55	.70	.85	54,700	5060	.56	.71	.86	52,500	5740	.57	.73	.88
	1800	60,400	4100	.56	.71	.87	58,200	4530	.57	.73	.89	56,000	5080	.58	.74	.90	53,700	5750	.58	.76	.92
71	1400	60,200	4090	.39	.53	.66	58,100	4530	.40	.54	.67	56,000	5080	.40	.54	.68	53,900	5750	.40	.55	.69
	1600	62,200	4110	.40	.55	.69	60,000	4550	.40	.55	.70	57,800	5100	.41	.56	.71	55,500	5770	.41	.57	.72
	1800	63,800	4130	.41	.56	.71	61,500	4570	.41	.57	.72	59,200	5110	.41	.58	.73	56,800	5790	.42	.59	.75

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

HS22-651V WITH C14-41FF/FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	53,900	4040	.68	.83	.96	52,000	4480	.69	.84	.98	49,900	5020	.70	.86	1.00	47,800	5710	.72	.88	1.00
	1600	55,600	4050	.71	.86	1.00	53,600	4490	.72	.88	1.00	51,500	5030	.74	.90	1.00	49,300	5710	.75	.92	1.00
	1800	57,100	4060	.74	.90	1.00	55,000	4500	.75	.92	1.00	52,900	5040	.77	.94	1.00	50,600	5720	.78	.96	1.00
67	1400	57,400	4060	.53	.67	.80	55,400	4500	.54	.68	.82	53,300	5040	.55	.69	.83	51,100	5720	.55	.70	.85
	1600	59,200	4080	.55	.69	.84	57,100	4510	.56	.71	.86	54,900	5060	.56	.72	.87	52,600	5730	.57	.73	.89
	1800	60,700	4090	.57	.72	.88	58,400	4530	.57	.73	.90	56,200	5070	.58	.75	.91	53,800	5740	.59	.77	.93
71	1400	60,900	4090	.40	.53	.67	58,800	4530	.40	.54	.67	56,600	5070	.40	.55	.68	54,300	5750	.40	.55	.69
	1600	62,800	4110	.40	.55	.69	60,600	4550	.41	.56	.70	58,300	5090	.41	.56	.71	55,900	5760	.41	.57	.72
	1800	64,300	4130	.41	.57	.72	62,000	4570	.41	.57	.73	59,600	5110	.42	.58	.74	57,100	5780	.42	.59	.76

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

NOTE — To determine Sensible Capacity, Leaving Wet and Dry Bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1600	54,900	4050	.69	.84	.97	53,000	4490	.70	.85	.99	50,900	5040	.71	.87	1.00	48,800	5710	.73	.89	1.00
	1800	56,400	4060	.72	.87	1.00	54,300	4500	.73	.89	1.00	52,100	5050	.74	.91	1.00	50,000	5720	.76	.93	1.00
	2000	57,600	4070	.74	.90	1.00	55,500	4510	.76	.92	1.00	53,400	5050	.77	.94	1.00	51,100	5730	.79	.96	1.00
67	1600	58,500	4080	.54	.68	.81	56,500	4520	.55	.69	.83	54,300	5060	.55	.70	.84	52,100	5740	.56	.71	.86
	1800	60,100	4090	.56	.70	.85	58,000	4530	.56	.71	.86	55,700	5070	.57	.72	.88	53,400	5750	.58	.74	.90
	2000	61,400	4100	.57	.72	.88	59,200	4540	.58	.74	.90	56,900	5090	.58	.75	.92	54,500	5760	.59	.77	.94
71	1600	62,200	4110	.40	.54	.67	60,000	4550	.40	.55	.68	57,800	5100	.41	.55	.69	55,500	5770	.41	.56	.70
	1800	63,800	4130	.41	.55	.70	61,500	4570	.41	.56	.71	59,200	5110	.41	.57	.72	56,800	5780	.41	.58	.73
	2000	65,000	4140	.41	.57	.72	62,800	4590	.42	.58	.73	60,300	5130	.42	.58	.74	57,900	5800	.42	.59	.76

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

HS22-651V WITH C14-65 OR C14-65FC EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	54,700	4050	.68	.82	.95	52,700	4490	.69	.83	.97	50,700	5040	.70	.85	.99	48,500	5710	.71	.87	1.00
	1600	56,400	4060	.71	.86	1.00	54,400	4500	.72	.87	1.00	52,400	5050	.73	.89	1.00	50,200	5720	.74	.91	1.00
	1800	58,100	4070	.73	.89	1.00	56,000	4510	.75	.91	1.00	53,800	5060	.76	.93	1.00	51,400	5730	.78	.95	1.00
67	1400	58,300	4080	.53	.66	.80	56,200	4510	.54	.67	.81	54,100	5060	.54	.68	.82	51,900	5730	.55	.69	.84
	1600	60,100	4090	.55	.69	.83	58,000	4530	.55	.70	.85	55,800	5070	.56	.71	.86	53,500	5750	.57	.73	.88
	1800	61,700	4110	.56	.71	.87	59,500	4550	.57	.73	.89	57,100	5090	.58	.74	.90	54,700	5760	.59	.76	.92
71	1400	61,800	4110	.39	.53	.66	59,800	4550	.40	.54	.67	57,500	5090	.40	.54	.68	55,200	5770	.40	.55	.69
	1600	63,800	4130	.40	.55	.68	61,600	4570	.40	.55	.69	59,300	5110	.40	.56	.70	56,800	5790	.41	.57	.72
	1800	65,400	4150	.41	.56	.71	63,100	4590	.41	.57	.72	60,700	5130	.41	.58	.73	58,200	5800	.42	.59	.75

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

HS22-651V WITH CH20-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	54,800	4050	.65	.79	.92	52,900	4490	.66	.80	.93	51,100	5040	.67	.82	.95	48,900	5710	.68	.84	.97
	1600	56,600	4060	.68	.82	.96	54,700	4500	.69	.84	.98	52,600	5040	.70	.85	1.00	50,500	5720	.72	.87	1.00
	1800	58,200	4070	.71	.85	1.00	56,100	4510	.72	.87	1.00	54,000	5050	.73	.89	1.00	51,800	5730	.75	.91	1.00
67	1400	58,000	4070	.51	.65	.77	56,100	4510	.52	.66	.78	54,200	5050	.52	.66	.79	51,900	5730	.53	.67	.81
	1600	59,900	4080	.53	.67	.81	57,900	4520	.53	.68	.82	55,800	5070	.54	.69	.83	53,600	5740	.55	.70	.85
	1800	61,600	4100	.54	.69	.84	59,400	4540	.55	.70	.86	57,200	5080	.56	.71	.87	54,900	5760	.56	.72	.89
71	1400	61,200	4100	.38	.52	.64	59,200	4540	.38	.53	.65	57,100	5080	.38	.53	.66	54,900	5760	.39	.54	.67
	1600	63,200	4120	.39	.53	.66	61,100	4560	.39	.54	.67	58,900	5100	.39	.54	.68	56,600	5770	.39	.55	.69
	1800	64,900	4140	.39	.55	.69	62,700	4580	.40	.55	.70	60,400	5120	.40	.56	.71	58,000	5790	.40	.57	.72

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

HS22-651V WITH CH19-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	55,400	4060	.66	.80	.93	53,500	4500	.67	.81	.94	51,500	5040	.68	.83	.96	49,500	5710	.69	.84	.98
	1600	57,400	4080	.69	.83	.97	55,300	4520	.70	.85	.99	53,200	5060	.71	.86	1.00	51,000	5730	.72	.88	1.00
	1800	58,900	4090	.72	.87	1.00	56,800	4530	.73	.88	1.00	54,800	5070	.74	.90	1.00	52,300	5750	.76	.92	1.00
67	1400	58,700	4090	.52	.65	.78	56,700	4530	.52	.66	.79	54,700	5070	.53	.67	.80	52,500	5750	.54	.68	.82
	1600	60,800	4110	.53	.67	.81	58,600	4550	.54	.68	.83	56,400	5090	.55	.70	.84	54,100	5770	.55	.71	.86
	1800	62,400	4130	.55	.70	.85	60,200	4570	.56	.71	.87	57,900	5110	.56	.72	.88	55,500	5780	.57	.74	.90
71	1400	61,900	4130	.39	.52	.65	59,900	4570	.39	.53	.66	57,700	5110	.39	.53	.66	55,500	5780	.39	.54	.67
	1600	64,000	4150	.39	.54	.67	61,800	4590	.39	.54	.68	59,600	5140	.40	.55	.69	57,200	5810	.40	.56	.70
	1800	65,600	4170	.40	.55	.70	63,400	4620	.40	.56	.71	61,100	5160	.40	.57	.72	58,700	5830	.41	.57	.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 9.

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1600	56,900	4080	.69	.83	.96	54,800	4510	.70	.85	.98	52,800	5050	.71	.86	1.00	50,400	5730	.72	.88	1.00
	1800	58,400	4090	.71	.86	1.00	56,300	4530	.72	.88	1.00	54,100	5070	.73	.90	1.00	51,600	5750	.75	.92	1.00
	2000	59,900	4110	.74	.90	1.00	57,100	4540	.75	.92	1.00	55,100	5080	.76	.94	1.00	52,900	5760	.78	.96	1.00
67	1600	60,100	4110	.54	.67	.81	58,000	4550	.54	.68	.82	55,800	5090	.55	.69	.84	53,500	5770	.56	.71	.85
	1800	61,800	4130	.55	.70	.84	59,600	4570	.56	.71	.86	57,300	5110	.57	.72	.87	54,900	5780	.57	.74	.89
	2000	63,200	4150	.57	.72	.88	60,900	4590	.57	.73	.89	58,500	5130	.58	.74	.91	55,900	5800	.59	.76	.93
71	1600	63,300	4150	.40	.54	.67	61,100	4590	.40	.54	.68	58,800	5140	.40	.55	.69	56,500	5810	.41	.56	.70
	1800	64,900	4170	.40	.55	.70	62,700	4620	.41	.56	.70	60,400	5160	.41	.57	.72	57,900	5830	.41	.58	.73
	2000	66,400	4190	.41	.57	.72	64,100	4640	.41	.57	.73	61,600	5180	.42	.58	.74	59,100	5850	.42	.59	.76

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

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1400	56,700	4020	.67	.81	.94	54,700	4460	.68	.82	.95	52,600	4990	.69	.83	.97	50,500	5660	.70	.85	.99
	1600	58,700	4030	.69	.84	.98	56,600	4460	.70	.86	1.00	54,400	5000	.72	.87	1.00	52,000	5670	.73	.89	1.00
	1800	60,300	4040	.72	.87	1.00	58,000	4480	.73	.89	1.00	55,800	5010	.75	.91	1.00	53,500	5680	.76	.93	1.00
67	1400	60,100	4040	.52	.66	.79	58,000	4480	.53	.67	.80	55,900	5010	.53	.67	.81	53,600	5680	.54	.69	.83
	1600	62,100	4060	.54	.68	.82	59,900	4490	.54	.69	.84	57,700	5030	.55	.70	.85	55,300	5700	.56	.71	.87
	1800	63,800	4080	.55	.70	.86	61,600	4510	.56	.71	.87	59,200	5050	.57	.73	.89	56,700	5710	.58	.74	.91
71	1400	63,300	4070	.39	.53	.65	61,200	4510	.39	.53	.66	59,000	5050	.39	.54	.67	56,600	5710	.40	.54	.68
	1600	65,500	4100	.39	.54	.68	63,200	4530	.40	.55	.69	60,900	5070	.40	.55	.70	58,400	5730	.40	.56	.71
	1800	67,100	4110	.40	.56	.70	64,900	4550	.40	.56	.71	62,400	5090	.41	.57	.72	59,900	5750	.41	.58	.74

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

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				75	80	85			75	80	85			75	80	85			75	80	85
63	1600	56,900	4080	.69	.83	.96	54,800	4510	.70	.85	.98	52,800	5050	.71	.86	1.00	50,400	5730	.72	.88	1.00
	1800	58,400	4090	.71	.86	1.00	56,300	4530	.72	.88	1.00	54,100	5070	.73	.90	1.00	51,600	5750	.75	.92	1.00
	2000	59,900	4110	.74	.90	1.00	57,100	4540	.75	.92	1.00	55,100	5080	.76	.94	1.00	52,900	5760	.78	.96	1.00
67	1600	60,100	4110	.54	.67	.81	58,000	4550	.54	.68	.82	55,800	5090	.55	.69	.84	53,500	5770	.56	.71	.85
	1800	61,800	4130	.55	.70	.84	59,600	4570	.56	.71	.86	57,300	5110	.57	.72	.87	54,900	5780	.57	.74	.89
	2000	63,200	4150	.57	.72	.88	60,900	4590	.57	.73	.89	58,500	5130	.58	.74	.91	55,900	5800	.59	.76	.93
71	1600	63,300	4150	.40	.54	.67	61,100	4590	.40	.54	.68	58,800	5140	.40	.55	.69	56,500	5810	.41	.56	.70
	1800	64,900	4170	.40	.55	.70	62,700	4620	.41	.56	.70	60,400	5160	.41	.57	.72	57,900	5830	.41	.58	.73
	2000	66,400	4190	.41	.57	.72	64,100	4640	.41	.57	.73	61,600	5180	.42	.58	.74	59,100	5850	.42	.59	.76

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