



## HS20 SERIES RFCII™ SYSTEM CONDENSING UNITS

(1-1/2 thru 3-1/2 Nominal Tons)

\*17,000 to 39,500 Btuh Cooling Capacity

\*DOE and ARI Standard 210 Ratings

ENGINEERING DATA

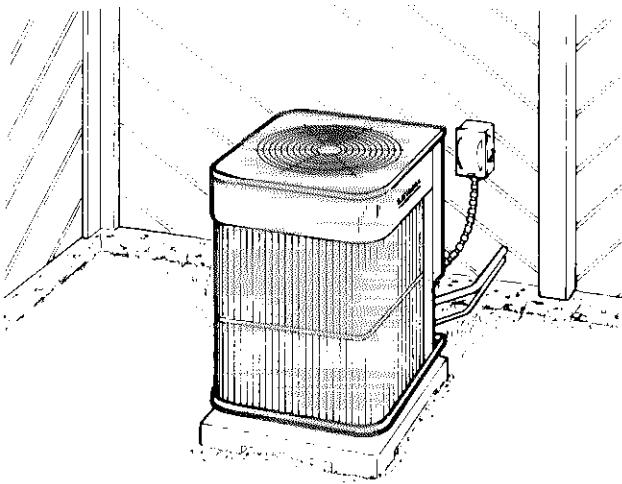
COOLING UNITS

CONDENSING UNITS

Page 43

March 1990

### Typical Application



Unit on slab at grade level



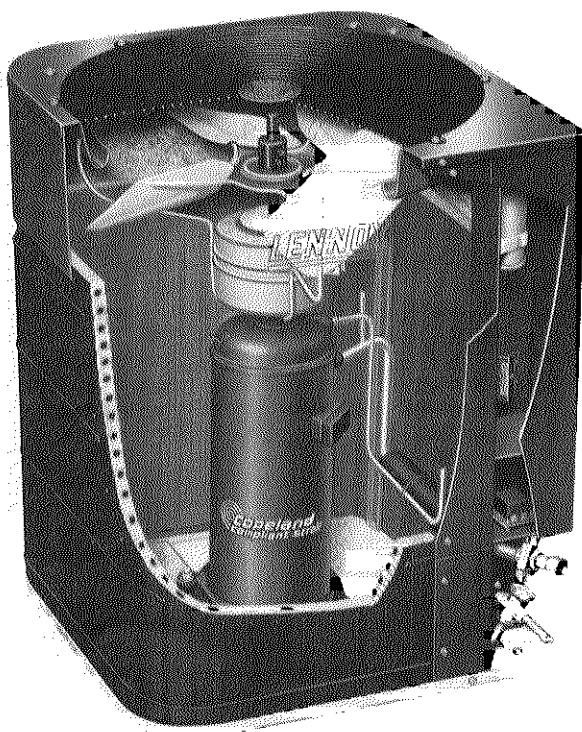
CERTIFICATION APPLIES ONLY  
WHEN USED WITH PROPER  
COMPONENTS AS LISTED  
WITH ARI



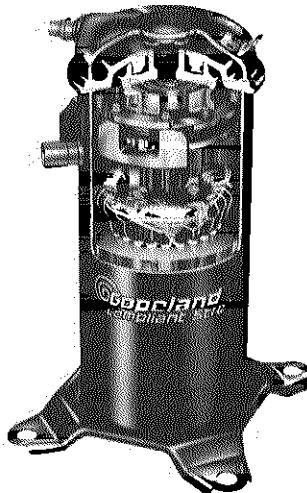
AN INDEPENDENT LABORATORY  
TESTING FOR PUBLIC SAFETY



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



**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 accumulator, 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.

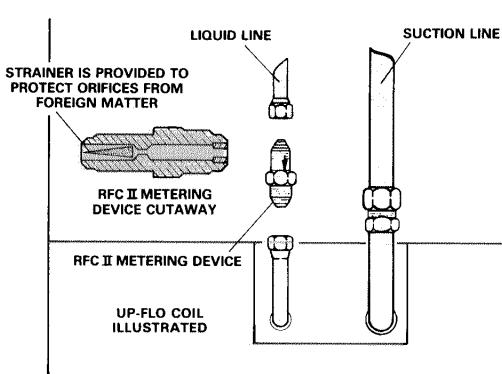


**Application** — RFCII series HS20 model condensing units are matched with nominal size evaporator units for high efficiency installations with minimum cost. Units feature low operating sound levels and may be installed at ground level or on a roof. Units are adaptable to several blower powered and 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 210-81. 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.

**Equipment Warranty** — The compressor has a limited warranty for a full five years. All other components have a limited warranty for one year. Refer to Lennox Equipment Limited Warranty included with the unit for details.

## FEATURES



**Refrigerant Flow Control II** — Lennox RFCII (Refrigerant Flow Control) is a very accurate means of metering refrigerant in a system. Refrigerant metering control is accomplished by the exact sizing of a RFCII refrigerant metering device. The whole principle of the Lennox RFC system involves the matching evaporator coil, and the proper bore sizing of the orifices (primary and secondary) within the metering device. The metering device is equipped with flare fitting connections and field installs at the liquid line connection on the evaporator unit. The liquid line connects directly to the metering device. The RFCII metering device is furnished and is included with the condensing unit. The Lennox RFCII system equalizes pressures almost instantly after the compressor stops. It therefore starts unloaded eliminating the need of any extra controls.

**Durable Weather Resistant Cabinet** — Heavy gauge galvanized steel cabinet is subject to a five station metal wash process. This preparation process results in a perfect bonding surface for the finish coat of baked-on enamel. The outdoor enamel paint finish gives the cabinet long lasting protection from rust and corrosion. Drainage holes are furnished in base channels for moisture removal. Heavy duty channels under the base raise the unit off the mounting surface away from damaging moisture.

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

**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.

**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. Extra large four sided wrap around coil configuration provides 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 for high efficiency. 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. Non-corrosive PVC coated steel coil guard is furnished as standard.

**Refrigerant Line Connections, Electrical Inlets and Service Valves** — Suction and liquid line connections are located outside of the cabinet and are made with sweat connections. Brass service valves prevent corrosion and provide access to refrigerant system. Thermometer well is located in the liquid line to check refrigerant charge. One-shot suction valve, liquid line service valve and gauge ports are accessible outside of the cabinet. Filter-drier is furnished on the HS20-461 model. Refrigerant line connections, valves and field wiring inlets are all conveniently located in one central area of the cabinet. See dimension drawing.

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

**Thermostat (Optional)** — Thermostat is not furnished with the unit and must be ordered extra. See Accessories tab section, Page 13 and Lennox Price Book.

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

**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. Use MB1-22 (99C78) 22-1/4" x 22-1/4" x 3," shipping weight 15 lbs. each.

## SPECIFICATIONS

Model No.		HS20-211	HS20-261	HS20-311	HS20-411	HS20-461
Condenser Coil	Net face area (sq. ft.)	Outer coil 8.4	8.4	9.2	9.2	9.2
	Inner coil	----	----	----	3.4	6.0
	Tube diameter (in.) & No. of rows	3/8 - 1	3/8 - 1	3/8 - 1	3/8 - 1.4	3/8 - 1.7
	Fins per inch	16	16	20	18	20
Condenser Fan	Diameter (in.) & No. of blades	18 - 4	18 - 4	18 - 4	18 - 4	18 - 4
	Motor hp	1/6	1/6	1/6	1/6	1/6
	Cfm	2600	2600	2500	2500	2400
	Rpm	1060	1060	1050	1050	1050
	Watts	250	250	260	260	265
**Refrigerant — 22 charge furnished		3 lbs. 5 oz.	3 lbs. 9 oz.	4 lbs. 0 oz.	4 lbs. 14 oz.	5 lbs. 13 oz.
Liquid line (o.d. in.) connection — sweat		5/16	5/16	3/8	3/8	3/8
Suction line (o.d. in.) connection — sweat		5/8	5/8	3/4	3/4	7/8
Shipping weight (lbs.) 1 package		122	126	135	146	154

\*\*Refrigerant charge is sufficient for 20 ft. length line set.

## ARI RATINGS

Condensing Unit Model No. ★ ARI Standard 270 SRN (bel's)	*ARI Standard 210 Ratings			Evaporator Unit		
	SEER (Btuh/Watt)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal
HS20-211 (7.6)	9.50	17,000	1870	C16-18FF	---	---
	9.85	18,000	1915	C16-21FF	CR16-21FF	---
	10.05	18,400	1920	---	---	CH16-21FF
	10.25	18,600	1910	**CB18-21	---	**CBS18-21
HS20-261 (7.6)	9.70	21,600	2370	☆C16-21FF	☆CR16-21FF	---
	9.65	21,400	2325	---	---	☆CH16-21FF
	10.25	23,200	2420	C16-28FF, C16-28WFF	---	---
	9.90	21,600	2345	☆**CB18-21	---	☆**CBS18-21
HS20-311 (7.6)	10.35	27,800	2895	C16-28FF, C26-28WFF	---	---
	10.20	27,200	2880	C16-31FF, C16-31WFF	CR16-31FF	---
	10.35	27,800	2895	---	---	CH16-31FF
	10.65	28,600	2920	**CB18-31	---	**CBS18-31
HS20-411 (7.6)	10.00	32,200	3400	C16-28FF, C16-28WFF	---	---
	10.00	31,600	3390	C16-31FF, C16-31WFF	CR16-31FF	---
	10.10	32,000	3400	---	---	CH16-31FF
	10.35	33,800	3495	**CB18-31	---	**CBS18-31
HS20-461 (7.6)	10.00	38,200	4055	C16-41FF, C16-41WFF	CR16-41FF	---
	10.15	39,000	4085	---	---	CH16-41FF
	10.00	39,500	4190	**CB18-41	---	**CBS18-41

★ Sound Rating Number in accordance with ARI Standard 270.

\*Rated in accordance with ARI Standard 210 and DOE; 95°F outdoor air temperature, 80°F db/67°F wb entering evaporator air with 20 ft. of connecting refrigerant lines.

\*\*Denotes blower powered evaporator.

☆ 3/8 FF x 1/2 FF adaptor required for field installation.

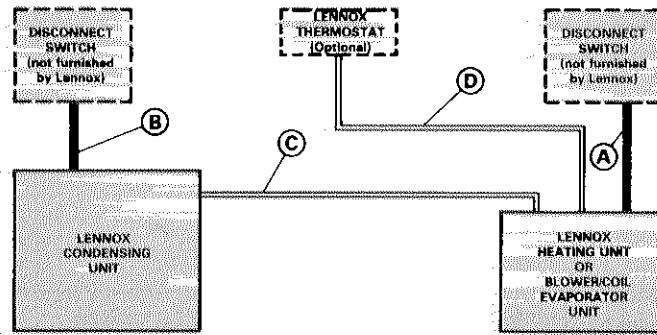
## ELECTRICAL DATA

Model No.		HS20-211	HS20-261	HS20-311	HS20-411	HS20-461
Line voltage data		208/230V 60hz - 1ph				
Compressor	Rated load amps	9.7	11.6	13.5	18.0	20.0
	Power factor	.96	.97	.96	.96	.97
	Locked rotor amps	50.0	62.5	76.0	90.5	107.0
Condenser Coil Fan Motor	Full load amps	1.2	1.2	1.2	1.2	1.2
	Locked rotor amps	2.2	2.2	2.2	2.2	2.2
Recommended maximum fuse size or circuit breaker size (amps)		20	25	30	40	45
*Minimum circuit ampacity		13.4	15.7	18.1	23.7	27.0

\*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

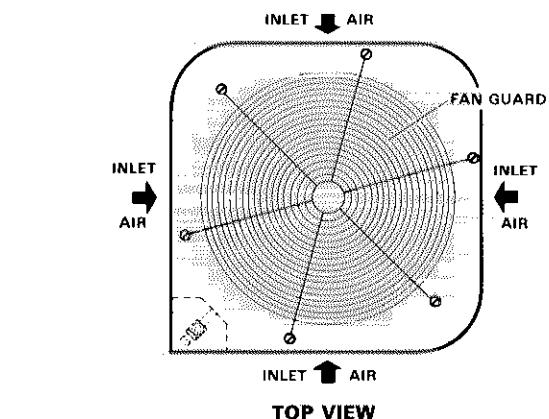
D — Four wire low voltage (not furnished) — 18 ga. minimum

All wiring must conform to NEC and local electrical codes.

## REFRIGERANT LINE KITS

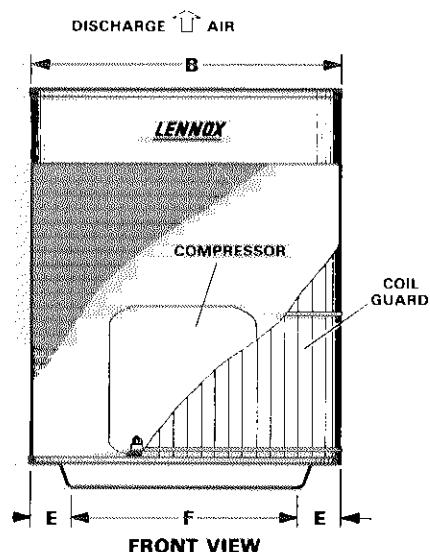
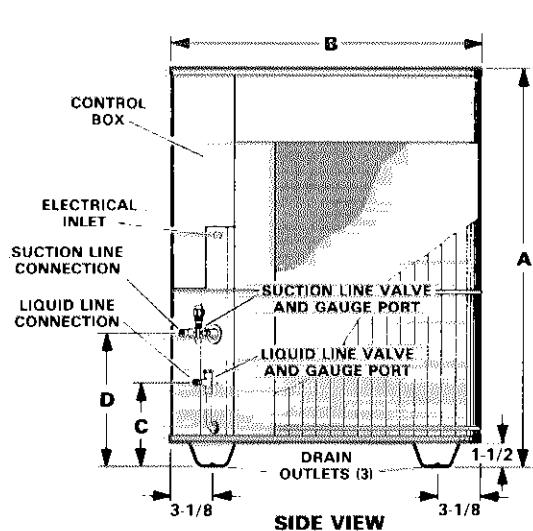
Condensing Unit Model No.	Line Set Model No.	Length of Suction & Liquid Lines (ft.)	Liquid Line (o.d. in.)	Suction Line (o.d. in.)
HS20-211 HS20-261	L10-21-20	20	5/16	5/8
	L10-21-25	25		
	L10-21-35	35		
	L10-21-50	50		
HS20-311 HS20-411	L10-41-20	20	3/8	3/4
	L10-41-30	30		
	L10-41-40	40		
	L10-41-50	50		
HS20-461	L10-65-30	30	3/8	7/8
	L10-65-40	40		
	L10-65-50	50		

## DIMENSIONS (inches)



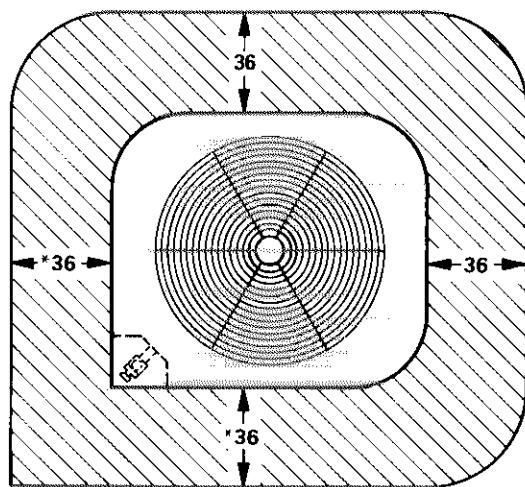
Model No.	A	B	C	D	E	F
HS20-211, HS20-261	26-3/4	22-1/4	3-5/8	6-7/8	3-5/8	15
HS22-311, HS22-411, HS20-461	28-3/4	22-1/4	6	9-1/2	3-5/8	15

TOP VIEW



FRONT VIEW

## INSTALLATION CLEARANCES (inches)



NOTE - 48 inch clearance required on top of unit.  
 \*NOTE - One side must be 36 inches for service.  
 Two of the remaining three sides may be 12 inches

## RATINGS

**NOTE** To determine sensible capacity, leaving wet bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

### HS20-211 WITH C16-18FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85			95			105			115										
		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	550	16,600	1270	.74	.87	.98	16,500	1410	.75	.89	.99	15,800	1580	.76	.90	1.00	15,100	1790	.77	.92	1.00
	650	17,100	1270	.77	.91	1.00	16,900	1420	.78	.93	1.00	16,300	1590	.79	.95	1.00	15,600	1800	.81	.96	1.00
	750	17,500	1280	.80	.95	1.00	17,400	1420	.81	.96	1.00	16,700	1590	.82	.97	1.00	16,000	1810	.84	.98	1.00
67	550	17,300	1280	.59	.72	.84	17,200	1420	.60	.73	.85	16,600	1590	.60	.74	.87	15,900	1800	.61	.75	.89
	650	17,800	1280	.61	.75	.88	17,800	1430	.62	.76	.90	17,100	1600	.62	.77	.91	16,400	1810	.63	.78	.94
	750	18,200	1290	.62	.78	.92	18,200	1440	.63	.79	.94	17,500	1610	.64	.80	.95	16,800	1820	.65	.82	.96
71	550	18,000	1280	.44	.57	.69	17,900	1430	.45	.58	.70	17,300	1600	.45	.59	.72	16,600	1820	.45	.60	.73
	650	18,600	1290	.45	.59	.73	18,500	1440	.45	.60	.74	17,800	1610	.45	.61	.75	17,100	1830	.46	.62	.76
	750	19,000	1300	.45	.61	.75	18,900	1450	.46	.62	.77	18,200	1620	.46	.63	.78	17,500	1840	.47	.64	.79

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

### HS20-211 WITH C16-21FF 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. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	550	17,400	1280	.75	.89	1.00	17,300	1420	.76	.90	1.00	16,600	1590	.77	.92	1.00	16,000	1800	.79	.94	1.00
	650	17,900	1280	.78	.94	1.00	17,900	1430	.80	.95	1.00	17,200	1600	.81	.96	1.00	16,500	1820	.83	.98	1.00
	750	18,400	1290	.82	.97	1.00	18,400	1440	.83	.98	1.00	17,700	1610	.84	.99	1.00	16,900	1830	.86	1.00	1.00
67	550	18,100	1290	.59	.73	.85	18,100	1430	.60	.74	.87	17,500	1610	.61	.75	.89	16,700	1820	.62	.76	.91
	650	18,800	1290	.61	.76	.90	18,700	1440	.62	.77	.92	18,000	1620	.63	.79	.94	17,200	1830	.64	.80	.95
	750	19,200	1300	.64	.80	.94	19,100	1450	.64	.81	.96	18,400	1620	.65	.82	.97	17,600	1840	.66	.84	.99
71	550	18,900	1290	.44	.58	.70	18,900	1440	.44	.58	.71	18,200	1620	.45	.59	.73	17,500	1840	.45	.60	.74
	650	19,600	1300	.45	.60	.74	19,500	1450	.46	.61	.75	18,800	1630	.46	.62	.76	18,000	1850	.46	.63	.78
	750	20,100	1310	.46	.62	.77	20,000	1460	.47	.63	.79	19,200	1640	.47	.64	.80	18,400	1860	.47	.66	.82

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

### HS20-211 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. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	550	17,700	1280	.73	.87	.98	17,500	1430	.74	.88	.99	16,900	1600	.76	.89	1.00	16,200	1810	.77	.91	1.00
	650	18,200	1290	.77	.91	1.00	18,200	1430	.78	.92	1.00	17,500	1610	.80	.94	1.00	16,800	1820	.81	.96	1.00
	750	18,700	1290	.81	.95	1.00	18,700	1440	.82	.97	1.00	17,900	1620	.83	.98	1.00	17,200	1830	.84	.99	1.00
67	550	18,600	1290	.58	.71	.84	18,500	1440	.59	.72	.85	17,800	1610	.59	.73	.86	17,000	1830	.60	.74	.88
	650	19,200	1300	.60	.74	.88	19,100	1450	.61	.75	.89	18,300	1620	.62	.77	.91	17,600	1840	.63	.79	.93
	750	19,700	1300	.62	.79	.92	19,600	1460	.63	.80	.94	18,800	1630	.64	.81	.95	18,100	1850	.65	.82	.97
71	550	19,600	1300	.44	.57	.68	19,500	1450	.45	.58	.69	18,800	1630	.45	.58	.71	18,000	1850	.45	.59	.72
	650	20,200	1310	.45	.59	.72	20,100	1460	.45	.59	.73	19,400	1640	.46	.60	.74	18,600	1860	.46	.61	.77
	750	20,800	1320	.46	.61	.75	20,600	1470	.46	.62	.78	19,800	1650	.47	.63	.79	19,000	1880	.47	.64	.80

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

### HS20-211 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. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	550	17,700	1280	.74	.87	.99	17,600	1430	.75	.89	1.00	16,900	1600	.76	.90	1.00	16,200	1820	.77	.93	1.00
	650	18,200	1290	.77	.92	1.00	18,200	1440	.78	.94	1.00	17,500	1610	.80	.95	1.00	16,800	1830	.81	.96	1.00

## RATINGS

NOTE — To determine sensible capacity, leaving wet bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

### HS20-261 WITH C16-21FF 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. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	
63	700	20,900	1630	.75	.89	1.00	20,800	1830	.76	.91	1.00	20,000	2010	.78	.93	1.00
	800	21,300	1640	.78	.93	1.00	21,300	1830	.79	.94	1.00	20,600	2020	.81	.96	1.00
	900	21,900	1640	.81	.96	1.00	21,800	1840	.82	.97	1.00	21,000	2030	.83	.99	1.00
67	700	21,800	1640	.60	.73	.86	21,800	1840	.60	.74	.88	21,000	2030	.61	.75	.89
	800	22,500	1650	.61	.76	.90	22,300	1850	.62	.77	.91	21,500	2040	.63	.78	.93
	900	22,900	1660	.63	.78	.93	22,800	1860	.64	.80	.94	21,900	2040	.65	.81	.96
71	700	22,800	1660	.45	.58	.71	22,700	1860	.45	.59	.72	21,900	2040	.45	.60	.73
	800	23,400	1670	.46	.60	.74	23,300	1870	.46	.61	.75	22,400	2050	.46	.62	.76
	900	24,000	1680	.46	.62	.76	23,800	1880	.46	.63	.77	22,900	2060	.47	.63	.79

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

### HS20-261 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. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	
63	700	21,000	1630	.74	.88	.99	21,000	1830	.75	.89	1.00	20,300	2020	.76	.90	1.00
	800	21,700	1640	.77	.91	1.00	21,600	1840	.78	.92	1.00	20,800	2030	.79	.94	1.00
	900	22,200	1650	.79	.94	1.00	22,100	1850	.80	.96	1.00	21,300	2030	.82	.97	1.00
67	700	22,300	1650	.59	.72	.84	22,200	1850	.59	.73	.86	21,400	2030	.60	.74	.87
	800	22,900	1660	.60	.74	.88	22,700	1860	.61	.76	.89	21,900	2040	.62	.77	.91
	900	23,400	1670	.62	.77	.91	23,200	1870	.63	.78	.93	22,300	2050	.63	.80	.94
71	700	23,600	1670	.44	.57	.69	23,500	1870	.45	.58	.70	22,600	2060	.45	.58	.71
	800	24,200	1680	.45	.59	.72	24,100	1880	.45	.59	.73	23,100	2070	.46	.60	.74
	900	24,700	1690	.46	.60	.75	24,500	1890	.46	.61	.76	23,600	2080	.47	.62	.77

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

### HS20-261 WITH C16-28FF OR C16-28WFF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)														
		85			95			105			115					
		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	
63	700	22,300	1650	.74	.87	.98	22,200	1850	.74	.88	1.00	21,400	2030	.76	.89	1.00
	800	23,000	1660	.76	.90	1.00	22,800	1860	.77	.91	1.00	22,000	2040	.78	.93	1.00
	900	23,500	1670	.78	.93	1.00	23,300	1870	.79	.95	1.00	22,400	2050	.81	.97	1.00
67	700	23,400	1670	.59	.71	.84	23,300	1870	.59	.72	.85	22,400	2050	.60	.73	.86
	800	24,100	1680	.60	.74	.87	23,900	1880	.60	.75	.88	23,000	2060	.61	.76	.90
	900	24,600	1690	.61	.76	.90	24,500	1890	.62	.77	.92	23,500	2080	.63	.79	.94
71	700	24,300	1690	.44	.57	.69	24,300	1890	.44	.58	.70	23,400	2070	.44	.59	.71
	800	25,100	1700	.44	.59	.71	25,000	1900	.45	.59	.73	24,000	2090	.45	.60	.74
	900	25,700	1710	.45	.60	.74	25,500	1910	.46	.61	.75	24,600	2100	.46	.62	.76

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

### HS20-261 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. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btu/h)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)				
				Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	Dry Bulb (°F)	75	80	85	
63	700	21,000	1630	.74	.88	.99	20,800	1830	.75	.90	1.00	20,100	2010	.77	.92	1.00
	800	21,500	1640	.77	.92	1.00	21,400	1840	.78	.93	1.00	20,700	2020	.79	.95	1.00
	900	22,100	1650	.80	.95	1.00	22,000	1850	.81	.96	1.00	21,200	2030	.82	.97	1.00
67	700	22,000	1650	.59	.72	.85	21,900	1840	.60	.73	.86	21,200	2030	.60	.74	.88
	800	22,700	1660	.61	.75	.88	22,600	1850	.61	.76	.90	21,700	2040	.62	.77	.92
	900	23,200	1660	.62	.77	.92	23,100	1860	.63	.79	.93	22,200	2050	.64	.80	.95
71	700	23,100	1660	.45	.58	.70	23,000	1860	.45	.58	.71	22,200	2050	.45	.59	.72
	800	23,800	1670	.45	.59	.72	23,600	1870	.46	.60	.74	22,800	2060	.46	.61	.75
	900	24,300	1690	.46	.61	.75	24,200	1880	.47	.62	.76	23,300	2070	.47	.63	.78

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

## RATINGS

NOTE — To determine sensible capacity, leaving wet bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

### HS20-311 WITH C16-28FF OR C16-28WFF 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	900	27,200	1990	.74	.87	.99	27,000	2250	.75	.88	1.00	26,000	2540	.76	.90	1.00	24,900	2900	.77	.92	1.00
	1050	28,000	2010	.76	.91	1.00	27,800	2260	.78	.93	1.00	26,600	2560	.79	.94	1.00	25,500	2920	.80	.96	1.00
	1200	28,500	2020	.79	.95	1.00	28,400	2270	.80	.96	1.00	27,200	2570	.82	.98	1.00	26,100	2940	.83	.99	1.00
67	900	28,400	2010	.59	.72	.84	28,300	2270	.59	.73	.85	27,200	2570	.60	.74	.87	26,100	2940	.61	.75	.89
	1050	29,300	2030	.60	.74	.88	29,100	2290	.61	.75	.89	28,000	2590	.62	.77	.91	26,700	2960	.63	.78	.93
	1200	30,000	2040	.62	.77	.92	29,700	2300	.63	.78	.94	28,500	2600	.63	.80	.95	27,200	2980	.64	.81	.97
71	900	29,600	2030	.44	.57	.69	29,400	2300	.44	.58	.70	28,300	2600	.45	.58	.71	27,100	2970	.45	.59	.73
	1050	30,600	2050	.45	.59	.72	30,300	2310	.45	.60	.73	29,100	2620	.45	.61	.75	27,900	3000	.46	.62	.76
	1200	31,200	2060	.46	.61	.75	30,900	2330	.46	.62	.76	29,600	2630	.46	.63	.78	28,400	3020	.47	.63	.79

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

### HS20-311 WITH C16-31FF, C16-31WFF OR CR16-31FF 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	900	26,600	1980	.75	.89	1.00	26,400	2240	.76	.91	1.00	25,400	2520	.77	.92	1.00	24,300	2880	.78	.93	1.00
	1050	27,400	2000	.78	.93	1.00	27,200	2250	.79	.94	1.00	26,100	2540	.80	.96	1.00	25,000	2900	.82	.98	1.00
	1200	28,000	2010	.81	.96	1.00	27,800	2260	.82	.98	1.00	26,700	2560	.83	.99	1.00	25,700	2920	.85	1.00	1.00
67	900	28,100	2010	.59	.72	.85	27,900	2260	.60	.73	.87	26,900	2560	.61	.75	.89	25,700	2920	.61	.76	.91
	1050	28,900	2020	.61	.75	.90	28,700	2280	.62	.77	.91	27,500	2580	.63	.78	.93	26,300	2950	.64	.80	.95
	1200	29,600	2030	.63	.78	.93	29,300	2290	.64	.80	.95	28,100	2590	.65	.81	.97	26,800	2960	.66	.83	.99
71	900	29,600	2030	.44	.57	.70	29,400	2290	.44	.58	.71	28,200	2600	.45	.59	.72	27,000	2970	.45	.60	.74
	1050	30,500	2050	.45	.60	.73	30,200	2310	.45	.61	.74	29,000	2610	.46	.61	.76	27,700	2990	.46	.62	.77
	1200	31,000	2060	.46	.62	.76	30,800	2320	.47	.63	.78	29,500	2630	.47	.64	.79	28,200	3010	.48	.65	.81

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

### HS20-311 WITH 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	900	27,100	1990	.75	.88	1.00	26,900	2250	.76	.90	1.00	25,900	2540	.77	.91	1.00	24,900	2900	.79	.93	1.00
	1050	27,900	2010	.78	.93	1.00	27,800	2260	.79	.94	1.00	26,700	2550	.81	.96	1.00	25,500	2920	.82	.98	1.00
	1200	28,500	2020	.81	.96	1.00	28,300	2270	.83	.98	1.00	27,300	2570	.84	.99	1.00	26,200	2940	.85	1.00	1.00
67	900	28,600	2020	.59	.72	.85	28,400	2280	.60	.74	.86	27,400	2570	.60	.75	.88	26,200	2940	.61	.76	.90
	1050	29,500	2030	.61	.76	.89	29,200	2290	.62	.77	.91	28,100	2590	.62	.78	.93	26,900	2970	.63	.80	.95
	1200	30,100	2040	.63	.79	.93	29,800	2300	.64	.80	.95	28,600	2610	.65	.82	.97	27,400	2980	.67	.84	.98
71	900	30,200	2040	.45	.57	.70	30,000	2310	.45	.58	.72	28,800	2610	.45	.59	.73	27,600	2990	.46	.60	.74
	1050	30,900	2060	.45	.59	.74	30,800	2320	.46	.60	.75	29,500	2630	.46	.61	.76	28,200	3010	.46	.62	.78
	1200	31,600	2070	.46	.61	.77	31,300	2330	.47	.62	.78	30,100	2640	.47	.63	.80	28,700	3030	.48	.66	.81

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

### HS20-311 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85			Dry Bulb (°F)	75 80 85								
63	900	27,400	2000	.74	.88	1.00	27,200	2260	.75	.90	1.00	26,100	2550	.77	.92	1.00	25,100	2910	.78	.93	1.00
	1050	28,200	2010	.78	.93	1.00	28,000	2270	.79	.94	1.00	26,900	2570	.80	.96	1.00	25,700				

## RATINGS

**NOTE** To determine sensible capacity, leaving wet bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

### HS20-411 WITH C16-28FF OR C16-28WFF 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)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)
63	1000	32,000	2470	.73	.86	.98	31,900	2770	.74	.88	.99	30,700	3130	.75	.89	1.00	29,400	3580	.76	.91	1.00
	1200	33,200	2480	.76	.91	1.00	33,000	2800	.78	.92	1.00	31,700	3160	.79	.94	1.00	30,400	3610	.80	.96	1.00
	1400	34,100	2500	.80	.95	1.00	33,800	2820	.81	.97	1.00	32,600	3190	.82	.98	1.00	31,300	3650	.84	.99	1.00
67	1000	33,600	2490	.58	.71	.83	33,400	2810	.59	.72	.84	32,200	3180	.59	.73	.86	30,900	3630	.60	.74	.88
	1200	34,800	2520	.60	.74	.88	34,700	2850	.61	.75	.89	33,400	3220	.62	.77	.91	32,000	3680	.63	.78	.93
	1400	35,800	2540	.62	.77	.92	35,600	2870	.63	.79	.94	34,300	3250	.64	.80	.96	32,900	3720	.65	.82	.97
71	1000	34,900	2520	.44	.57	.69	34,900	2850	.43	.57	.70	33,600	3230	.44	.58	.71	32,300	3700	.44	.59	.72
	1200	36,300	2550	.44	.59	.72	36,200	2890	.45	.60	.73	34,900	3270	.45	.60	.74	33,500	3750	.46	.61	.76
	1400	37,300	2580	.45	.61	.75	37,200	2920	.46	.62	.77	35,800	3310	.46	.63	.78	34,400	3800	.47	.64	.80

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

### HS20-411 WITH C16-31FF, C16-31WFF OR CR16-31FF 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)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)
63	1000	31,300	2450	.73	.87	.98	31,100	2760	.75	.89	.99	29,900	3110	.76	.90	1.00	28,700	3550	.77	.92	1.00

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

### HS20-411 WITH 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)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)
63	1000	31,700	2460	.74	.87	.99	31,500	2770	.75	.89	.99	30,400	3120	.76	.90	1.00	29,100	3560	.77	.92	1.00

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

### HS20-411 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)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)			Dry	Bulb	(°F)
63	1000	32,100	2470	.73	.86	.98	31,900	2780	.74	.88	.99	30,700	3130	.75	.90	1.00	29,500	3580	.77	.91	1.00

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

## RATINGS

*NOTE To determine sensible capacity, leaving wet bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.*

### HS20-461 WITH C16-41FF, C16-41WFF 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)				Dry Bulb (°F)				Dry Bulb (°F)									
63	1000	36,300	2920	.71	.83	.95	36,100	3290	.72	.84	.96	34,700	3700	.73	.86	.97	33,300	4220	.74	.87	.99
	1250	37,900	2960	.75	.89	1.00	37,700	3340	.76	.90	1.00	36,300	3760	.77	.92	1.00	34,800	4290	.78	.94	1.00
	1500	39,300	3000	.79	.94	1.00	39,100	3380	.80	.95	1.00	37,500	3800	.81	.97	1.00	36,000	4330	.83	.98	1.00
67	1000	38,300	2970	.57	.68	.80	38,200	3350	.57	.69	.81	36,800	3770	.58	.70	.82	35,300	4300	.58	.71	.84
	1250	40,200	3020	.59	.72	.85	40,000	3400	.60	.73	.87	38,500	3830	.60	.75	.89	36,900	4370	.61	.76	.91
	1500	41,500	3060	.61	.76	.91	41,300	3440	.62	.77	.92	39,700	3880	.63	.79	.94	38,000	4420	.64	.81	.96
71	1000	40,400	3030	.43	.55	.66	40,200	3410	.44	.55	.67	38,800	3850	.44	.56	.68	37,200	4390	.44	.57	.69
	1250	42,400	3080	.44	.57	.70	42,200	3470	.45	.58	.71	40,600	3910	.45	.59	.72	39,000	4460	.45	.60	.73
	1500	43,700	3120	.45	.60	.74	43,500	3520	.46	.61	.75	41,900	3960	.46	.62	.77	40,200	4520	.46	.63	.78

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

### HS20-461 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)				Dry Bulb (°F)				Dry Bulb (°F)									
63	1200	38,500	2980	.74	.88	1.00	38,400	3350	.76	.90	1.00	36,900	3780	.77	.91	1.00	35,400	4310	.78	.93	1.00
	1450	40,000	3020	.79	.94	1.00	39,700	3400	.80	.95	1.00	38,200	3830	.82	.97	1.00	36,700	4370	.83	.98	1.00
	1700	41,200	3050	.83	.98	1.00	41,000	3430	.84	.99	1.00	39,500	3870	.86	1.00	1.00	37,900	4420	.87	1.00	1.00
67	1200	40,800	3040	.59	.72	.85	40,700	3420	.59	.73	.86	39,100	3860	.60	.74	.88	37,400	4400	.61	.76	.90
	1450	42,300	3080	.61	.76	.91	42,000	3470	.62	.78	.92	40,400	3910	.63	.79	.94	38,800	4450	.64	.81	.96
	1700	43,300	3110	.64	.81	.95	43,100	3500	.65	.82	.97	41,500	3950	.66	.84	.98	39,700	4500	.67	.85	1.00
71	1200	43,300	3110	.44	.57	.69	43,100	3500	.44	.58	.71	41,400	3950	.45	.58	.72	39,800	4500	.45	.59	.73
	1450	44,700	3150	.45	.60	.74	44,500	3550	.46	.61	.75	42,800	4000	.46	.61	.77	41,000	4570	.46	.63	.79
	1700	45,900	3190	.46	.62	.78	45,600	3590	.47	.63	.80	43,800	4050	.47	.64	.81	42,000	4610	.48	.66	.83

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

### HS20-461 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)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)									
				Dry Bulb (°F)				Dry Bulb (°F)				Dry Bulb (°F)									
63	1000	36,500	2930	.71	.83	.94	36,300	3290	.72	.84	.96	34,900	3710	.73	.86	.97	33,500	4230	.74	.88	.99
	1250	38,100	2970	.75	.89	1.00	38,000	3340	.76	.90	1.00	36,600	3770	.77	.91	1.00	35,200	4300	.78	.93	1.00
	1500	39,700	3010	.78	.93	1.00	39,400	3390	.80	.95	1.00	38,000	3810	.81	.97	1.00	36,300	4350	.83	.98	1.00
67	1000	38,500	2980	.57	.68	.79	38,400	3350	.57	.69	.81	37,000	3780	.58	.70	.82	35,500	4310	.58	.71	.84
	1250	40,400	3030	.59	.72	.85	40,200	3410	.60	.73	.87	38,700	3840	.60	.74	.88	37,100	4380	.61	.76	.90
	1500	41,800	3070	.61	.76	.90	41,600	3450	.62	.77	.92	39,900	3890	.63	.79	.94	38,200	4430	.64	.80	.96
71	1000	40,500	3030	.44	.55	.66	40,400	3420	.44	.55	.67	39,000	3850	.44	.56	.67	37,500	4400	.44	.57	.69
	1250	42,700	3090	.44	.57	.70	42,500	3480	.45	.58	.71	40,900	3920	.45	.59	.72	39,200	4480	.45	.60	.73
	1500	44,000	3130	.45	.60	.74	43,800	3530	.46	.61	.75	42,200	3970	.46	.62	.76	40,500	4540	.47	.63	.78

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