



HS18 SERIES EXPANSION VALVE SYSTEM CONDENSING UNITS

(1 thru 5 Nominal Ton)

*12,000 to 62,000 Btuh Cooling Capacity

*DOE and ARI 210 Standard Ratings

Lennox HS18 Series Condensing Units Provide Low Cost Installation With Maximum Cooling Efficiencies

High efficiency, compact size and operational dependability have been featured in the design of the HS18 series of condensing units. Available in 1 thru 5 nominal ton sizes with seasonal energy efficiency ratings of up to 10.40 and cooling capacities of 12,000 to 62,000 Btuh. Units are applicable to expansion valve systems and are compatible to a variety of matching Lennox blower powered and furnace add-on evaporator units, See ARI Ratings table. For complete data see evaporator unit bulletins indexed in Coils-Blower Coil Units section. Compact design of condensing unit cabinet and vertical discharge of air provides ease of concealment for installation on a slab at ground level or on a roof.

Weather resistant cabinet is constructed of galvanized steel with a baked-on outdoor enamel paint finish for maximum protection from rust and corrosion. Extra large four sided wraparound coil provides maximum cooling efficiency. Additionally, cooling efficiency is increased by the use of durable copper tubing and ripple-edged aluminum lanced fins. Powerful direct drive fan with totally enclosed motor draws air thru the entire coil and discharges it up and away from shrubs and lawn. Rugged, PVC coated steel wire fan and coil guards are furnished. Compressor is protected from excessive current and temperatures. Electrical control box is located for easy access. Service valves and refrigerant line connections are externally located. Available as options to be ordered extra are; thermostat, timed-off control, low ambient kit, crankcase heater, mounting base and refrigerant line sets.

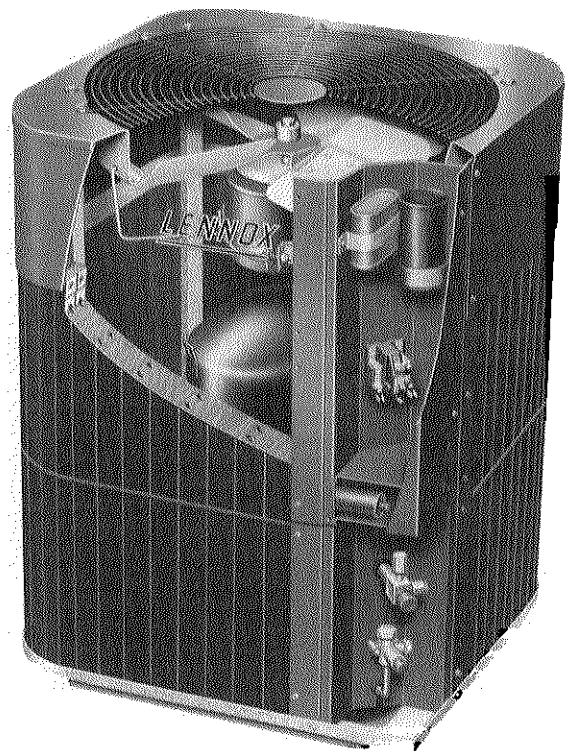
Condensing units are shipped factory assembled, piped and wired. In addition, each unit is test operated at the factory to ensure proper operation. The installer has only to set condensing unit in the desired location, connect refrigerant lines and make electrical connections to complete a low cost installation.



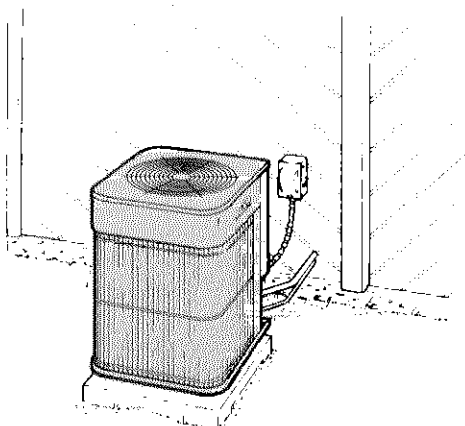
CERTIFICATION APPLIES ONLY WHEN USED WITH PROPER COMPONENTS AS LISTED WITH AIR



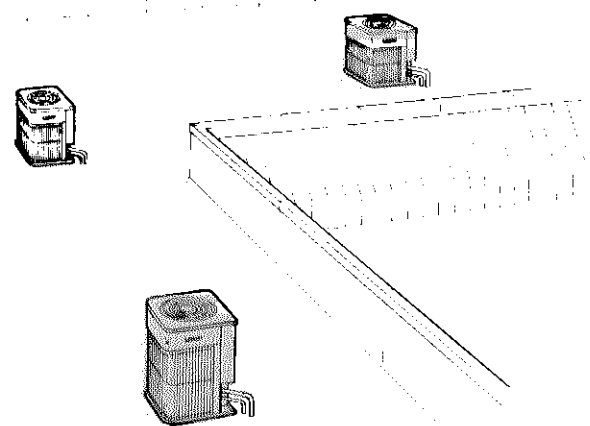
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Typical Applications



Unit on slab at grade level



Multiple units on rooftop

FEATURES

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 the weather. 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.

Dependable and Quiet Compressor - Reliable compressor is hermetically sealed and provides trouble free operation and long service life. Built-in protection devices assure protection from excessive current and temperatures. Suction cooled and overload protected. The entire running gear is spring mounted within the sealed housing. In addition, the compressor is installed in the unit on resilient rubber mounts assuring quiet and vibration free operation.

Crankcase Heater (Optional) - Available for HS18 211 through HS18 410 models. Crankcase heaters (P 8 8852) are not furnished and must be ordered extra. Heaters prevent migration of liquid refrigerant into the compressor and ensure proper compressor lubrication. HS18-141, HS18-460, HS18-510 and HS18-650 model compressors are equipped with crankcase heaters and are furnished as standard with the unit.

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 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 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.

High Pressure Switch - Furnished on HS18-141, 311, 410, 460, 510 and 650 models. Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting. Protects the compressor from excessive condensing pressure. Manual reset.

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. A filter drier is furnished on the HS18 460, HS18 510 and HS18 650 models. Refrigerant line connections, valves and field wiring inlets are all conveniently located in one central area of the cabinet. See dimension drawing.

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

Timed-Off Control (Optional) - Timed-off control (LB-50709BA) is available as optional equipment for field installation. Prevents compressor short-cycling and also allows time for suction and discharge pressure to equalize, permitting the compressor to start in an unloaded condition. Automatic reset control will shut the compressor off and hold it off for 5 minutes.

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, pressurized and sealed at the factory. 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.

Low Ambient Kit (Optional) - Expansion valve system condensing units will operate satisfactorily down to 50°F outdoor air temperature without any additional controls. For cases where operation of the unit is required below 50°F a Low Ambient Control Kit (LB-57113BA) can be added in the field, enabling it to operate properly down to 0°F. Low ambient kit requires the use of an expansion valve.

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. HS18-141-211-261 311 410 460 models use the MB1-22 base (99C78) 22-1/4" x 22-1/4" x 3" shipping weight 10 lbs. HS18-510-650 models use the MB1-32 base (83C83) 32" x 34" x 3" shipping weight 15 lbs.

Expansion Valve Kits (Optional) - Must be ordered extra and field installed on most evaporator units. See ARI Ratings table for kit requirement.

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 and rated according to 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.

SPECIFICATIONS

Model No.			HS18-141	HS18-211	HS18-261	HS18-311
Condenser Coil	Net face area (sq. ft.)	Outer coil	8.4	8.4	8.4	9.2
		Inner coil	----	----	----	----
	Tube diameter (in.) & No. of rows		3/8 - 1	3/8 - 1	3/8 1	3/8 - 1
	Fins per inch		16	16	16	20
Condenser Fan	Diameter (in.) & No. of blades		18 - 4	18 - 4	18 - 4	18 - 4
	Motor hp		1/6	1/6	1/6	1/6
	Cfm		1900	2600	2600	2500
	Rpm		1140	1060	1060	1050
	Watts		135	250	250	260
*Refrigerant - 22 charge furnished			2 lbs. 15 oz.	3 lbs. 11 oz.	4 lbs. 2 oz.	4 lbs. 1 oz.
Liquid line (o.d. in.) connection (sweat)			3/8	3/8	3/8	3/8
Suction line (o.d. in.) connection (sweat)			5/8	5/8	5/8	3/4
Shipping weight (lbs.) - 1 package			113	141	138	145

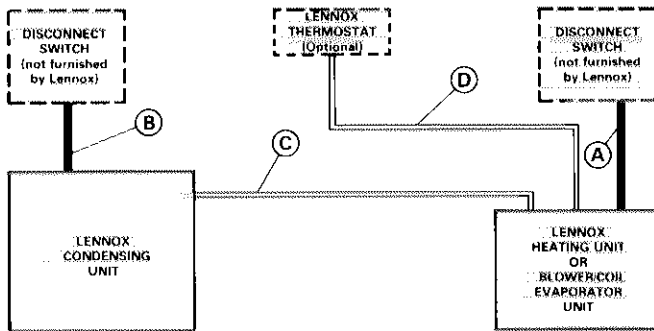
*Refrigerant charge sufficient for 20 ft. length of refrigerant lines.

SPECIFICATIONS

Model No.			HS18-411-413	HS18-461-463	HS18-511-513	HS18-651-653
Condenser Coil	Net face area (sq. ft.)	Outer coil	9.2	9.2	18.2	18.2
		Inner coil	3.4	6.0	---	6.4
	Tube diameter (in.) & No. of rows		3/8 - 1.4	3/8 - 1.7	3/8 1	3/8 1.4
Fins per inch		18	20	20	20	
Condenser Fan	Diameter (in.) & No. of blades		18 4	18 4	22 4	22 4
	Motor hp		1/6	1/6	1/3	1/3
	Cfm		2500	2400	3900	3800
	Rpm		1050	1050	1075	1060
	Watts		260	265	400	420
*Refrigerant - 22 charge furnished			5 lbs. 0 oz.	5 lbs. 13 oz.	7 lbs. 14 oz.	9 lbs. 7 oz.
Liquid line (o.d. in.) connection (sweat)			3/8	3/8	3/8	3/8
Suction line (o.d. in.) connection (sweat)			3/4	7/8	7/8	1-1/8
Shipping weight (lbs.) - 1 package			167	187	215	245

*Refrigerant charge sufficient for 20 ft. length of refrigerant lines.

FIELD WIRING



A - Two wire power (not furnished)

B - Two or Three 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.

ELECTRICAL DATA

Model No.		HS18-141	HS18-211	HS18-261	HS18-311	HS18-411	HS18-413	
Line voltage data		208/230v 60hz - 1ph	208/230v 60hz - 1ph	208/230v 60hz - 1ph	208/230v 60hz - 1ph	208/230v 60hz - 1ph	1208/230v 60hz - 3ph	1460v 60hz - 3ph
Compressor	Rated load amps	5.8	9.3	11.2	14.8	16.8	10.5	5.1
	Power factor	.94	.98	.98	.97	.98	.88	.88
	Locked rotor amps	31.0	50.0	60.0	70.0	87.0	70.0	33.0
Condenser Coil Fan Motor	Full load amps	1.2	1.2	1.2	1.2	1.2	1.2	.8
	Locked rotor amps	2.2	2.2	2.2	2.2	2.2	2.2	1.3
Recommended max. fuse or circuit breaker size (amps)		15	20	25	30	40	25	15
*Minimum circuit ampacity		8.5	12.9	15.2	19.7	23.2	15.6	7.6

*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.

†Extremes of operating range are plus and minus 10% of line voltage.

ELECTRICAL DATA

Model No.		HS18-461	HS18-463	HS18-511	HS18-513		HS18-651	HS18-653	
Line voltage data		208/230v 60hz - 1ph	1208/230v 60hz - 3ph	208/230v 60hz - 1ph	1208/230v 60hz 3ph	1460v 60hz 3ph	208/230v 60hz - 1ph	1208/230v 60hz - 3ph	1460v 60hz - 3ph
Compressor	Rated load amps	21.2	13.3	23.7	14.7	7.0	30.8	19.3	8.7
	Power factor	.98	.88	.98	.88	.88	.94	.88	.88
	Locked rotor amps	108.0	74.0	116.0	92.0	46.0	142.0	130.0	65.0
Condenser Coil Fan Motor	Full load amps	1.2	1.2	2.0	2.0	1.1	2.0	2.0	1.1
	Locked rotor amps	2.2	2.2	4.5	4.5	2.3	4.5	4.5	2.3
Rec. max. fuse or circuit breaker size (amps)		45	30	50	35	15	60	45	20
*Minimum circuit ampacity		27.8	18.0	31.8	20.5	10.1	40.5	26.2	12.0

*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.

†Extremes of operating range are plus and minus 10% of line voltage.

ARI RATINGS

Condensing Unit Model No. ★ARI Standard 270 SRN (bels)	*ARI Standard 210 Ratings			Evaporator Unit			Expansion Valve Kit
	SEER (Btuh/Watt)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
HS18-141 (7.6)	8.60	12,000	1500	C16-18FF	----	----	LB-25778CH
	9.05	12,800	1525	C16-21FF	CR16-21FF	CH16-21FF	
	9.30	12,800	1381	**CB19-21	**CB19 21	**CBH19 21	
	9.20	13,100	1540	**CB18-21	----	**CBS18-21	
HS18-211 (8.0)	8.15	17,000	2125	C16-18FF	----	----	LB-25778CG
	9.05	18,500	2175	C16 21FF	CR16 21FF	CH16 21FF	
	9.40	19,300	2145	**CB18-21	----	**CBS18-21	
	9.60	19,100	1998	**CB19 21	**CB19-21	**CBH19-21	
	9.40	19,900	2210	C16 28FF, C16 28WFF C16 31FF, C16 31WFF	CR16-31FF	CH16-31FF	
	9.60	20,000	2175	**CB18 26		**CBS18 26	
	9.70	20,600	2240	C14-26FF	----	----	
	10.40	21,400	2160			**CB15 41FF	
HS18 261 (8.0)	8.75	22,400	2710	C16-21FF	CR16-21FF	CH16-21FF	LB-25778CG
	9.15	22,800	2700	**CB18-21	----	**CBS18-21	
	9.60	23,900	2599	**CB19 21	**CB19 21	**CBH19 21	
	9.20	24,000	2830	C16-28FF, C16-28WFF C16-31FF, C16-31WFF	CR16-31FF	CH16-31FF	
	9.40	24,200	2800	**CB18-26	----	**CBS18-26	
	9.50	24,400	2690	**CB19-26	**CB19-26	**CBH19-26	
	9.35	24,400	2850	C16-41FF, C16 41WFF	CR16-41FF	CH16-41FF	
	9.70	25,000	2880	C14 26FF			
	10.00	26,000	2790	----	----	**CB15-41FF	
HS18-311 (8.0)	9.00	29,200	3475	C16 28FF, C16 28WFF C16 31FF, C16 31WFF	CR16-31FF	CH16-31FF	LB 25778CE
	9.50	30,400	3470	**CB18-31	----	**CBS18-31	
	9.25	30,400	3535	C16-41FF, C16-41WFF	CR16-41FF	CH16-41FF	
	9.40	30,600	3510	C14-26FF	----	----	
	9.60	30,800	3490	**CB18-41		**CBS18 41	
	9.70	30,800	3501	**CB19-31	**CB19 31	**CBH19 31	
	9.80	31,400	3480	C14-41FF	----	----	
	10.15	32,000	3420		----	**CB15 41FF	

★ Sound Rating Number in accordance with ARI Standard 270. **Denotes blower powered evaporator.

*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.

⚙️ Kit is optional and must be ordered extra for field installation.

ARI RATINGS

Condensing Unit Model No. ★ ARI Standard 270 SRN (bels)	*ARI Standard 210 Ratings				Evaporator Unit			Expansion Valve Kit	
	SEER (Btuh/ Watts)	EER (Btuh/ Watts)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal		
HS18 411 HS18-413 (7.8)	8.60	8.05	32,200	4001		CR16-31FF		LB-25778CF	
	8.75	8.15	33,000	4040		---	CH16-31FF		
	8.55	8.10	33,200	4096	C16-28FF, C16-28WFF C16-31FF, C16-31WFF				
	8.75	8.25	34,200	4145	**CB18-31	---	**CBS18-31		
	9.00	8.40	35,000	4169	---	CR16-41FF	---		
	8.80	8.25	35,000	4240	**CB18-41	---	**CBS18-41		
	8.90	8.25	35,200	4279	C16-41FF, C16-41WFF				
	9.05	8.30	35,400	4269	---		CH16-41FF		
	9.00	8.30	35,800	4303	C16-46FF, C16-46WFF				
	9.05	8.35	36,000	4306		CR16-51FF			
	9.60	9.20	36,200	3892	**CB19-31	**CB19-31	**CBH19-31		
	9.60	9.30	36,200	3902	**CB19-41	**CB19-41	**CBH19-41		
	9.10	8.30	36,400	4377	**CB18-51	---	**CBS18-51		
	9.00	8.45	36,800	4354	---	---	CH16-51FF		
	9.50	9.20	37,200	4048	**CB19-51	**CB19-51	**CBH19-51		
9.25	8.65	37,600	4351	C14-41FF	---				
10.20	9.15	38,000	4146	---		**CB15-41FF			
HS18-461 HS18-463 (8.2)	8.55	8.00	39,500	4934	---	CR16-41FF	---	LB-25778CF	
	8.60	8.05	39,500	4910	C16-41FF, C16-41WFF				
	8.65	8.10	40,000	4939	---	---	CH16-41FF		
	8.75	8.20	40,500	4930	**CB18-41	---	**CBS18-41		
	9.25	8.60	41,000	4781	**CB19-41	**CB19-41	**CBH19-41		
	8.90	8.10	41,000	5069	C16-46FF, C16-46WFF				
	8.90	8.10	41,500	5134	---	CR16-51FF	---		
	8.85	8.15	42,000	5154	**CB18-51	---	**CBS18-51		
	9.05	8.20	42,000	5118	C16-51FF				
	9.20	8.25	42,000	5082	---	---	CH16-51FF		
	9.30	8.70	43,000	4942	**CB19-51	**CB19-51	**CBH19-51		
9.20	8.35	43,500	5215	C14-41FF					
9.75	8.75	44,000	5024	---	---	**CB15-46FF			
HS18-511 HS18-513 (8.0)	9.15	8.45	46,500	5506	C16-46FF, C16-46WFF			LB-25778CC	
	9.00	8.20	47,000	5717	**CB18-51	---	**CBS18-51		
	9.05	8.40	47,500	5653	---	CR16-51FF	---		
	9.40	8.65	47,500	5485	---	---	CH16-51FF		
	9.20	8.50	48,000	5631	C16-51FF				
	9.10	8.25	48,000	5822	**CB18-65	---	**CBS18-65		
	9.60	8.80	48,500	5496	C14-41FF				
	9.30	8.60	50,000	5806		CR16-65	---		
	9.35	8.65	49,000	5679	C16-65				
	10.25	9.20	50,000	5426	---	---	**CB15-46FF		
	10.00	9.30	50,000	5376	**CB19-51	**CB19-51	**CBH19-51		
	9.65	8.85	51,000	5754	---	---	CH16-65V		•Factory Installed
	10.20	9.35	51,500	5510	---	---	**CB15-65		
9.75	8.95	52,000	5794	C14-65	---				
10.05	9.50	52,500	5529	**CB19-65	**CB19-65	**CBH19-65			
HS18-651 HS18-653 (8.2)	9.00	8.40	55,500	6610	---	---	CH16-51FF	LB-25778CD	
	9.00	8.35	56,000	6760	C14-41FF	---	---		
	8.70	8.10	56,500	6975	---	CR16-51FF	---		
	8.80	8.30	57,500	6930	C16-51FF	---	---		
	8.90	8.30	59,000	7110	C16-65	---	---		
	8.65	8.05	59,000	7330	**CB18-65	---	**CBS18-65		
	8.90	8.35	60,000	7185	---	CR16-65	---		
	9.40	8.70	61,000	7012	**CB19-65	**CB19-65	**CBH19-65		
	9.10	8.50	61,000	7175	---	---	CH16-65V		•Factory Installed
9.25	8.60	61,500	7150	C14-65	---	---			
9.65	8.90	62,000	6970	---	---	**CB15-65			

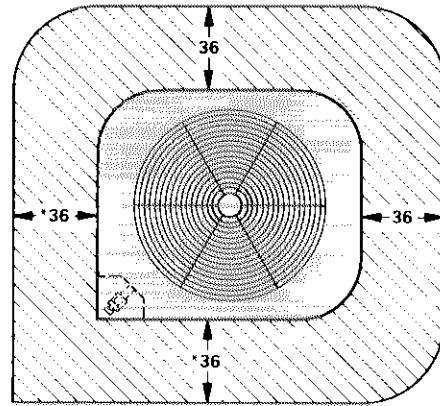
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 *Rated in accordance with ARI Standard 210 and DOE, 95°F outdoor air temperature, 80°F db/67°F wb entering evaporator air with 20 ft. of connecting refrigerant lines.
 - Kit is optional and must be ordered extra for field installation.

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suct. & Liq. Lines (ft.)	Liquid Line (o.d. in.)	Suction Line (o.d. in.)
HS18-141	L10-26-20	20	3/8	5/8
HS18-211	L10-26-25	25	3/8	5/8
HS18-261	L10-26-35	35	3/8	5/8
	L10-26-50	50	3/8	5/8
HS18-311 HS18-410	L10-41-20	20	3/8	3/4
	L10-41-30	30		
	L10-41-40	40		
	L10-41-50	50		
HS18-460 HS18-510	L10-65-30	30	3/8	7/8
	L10-65-40	40		
	L10-65-50	50		
HS18-650	*Not Available	----	3/8	1-1/8

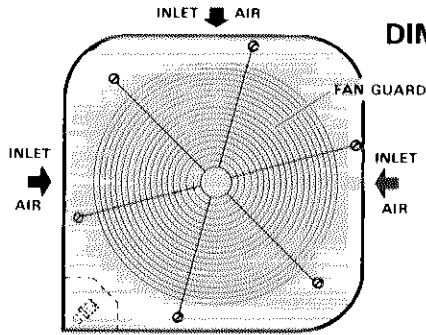
*Field fabricate.

INSTALLATION CLEARANCES (inches)



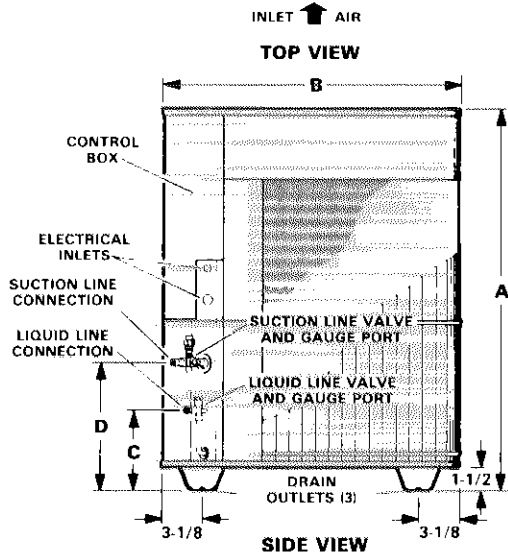
NOTE - 48 inch clearance required on top of unit.
 *NOTE - One side must be 36 inches for service.
 Two of the remaining sides may be 12 inches.

DIMENSIONS (inches)

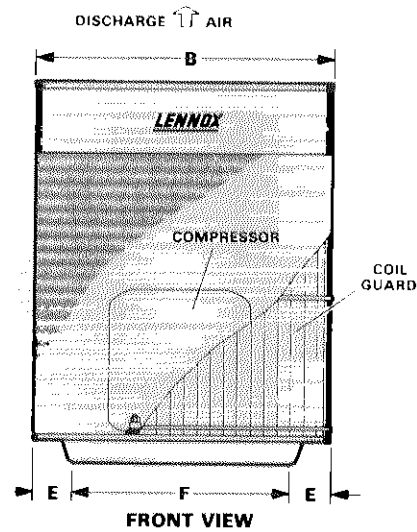


TOP VIEW

Model No.	A	B	C	D	E	F
HS18-141						
HS18-211 HS18-261	26-3/4	22-1/4	3-5/8	6-7/8	3-5/8	15
HS18-311						
HS18-410 HS18-460	28-3/4	22-1/4	6	9-1/2	3-5/8	15
HS18-510 HS18-650	33-9/16	28-13/16	4-13/16	9-5/16	4-3/4	19-5/16



SIDE VIEW



FRONT VIEW

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.

HS18-141 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. (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	350	12,000	1080	.79	.90	1.00	11,400	1160	.80	.93	1.00	10,800	1240	.83	.96	1.00	10,200	1310	.85	.99	1.00
	450	12,500	1100	.85	.98	1.00	11,900	1180	.88	1.00	1.00	11,400	1270	.91	1.00	1.00	10,800	1340	.94	1.00	1.00
	550	13,200	1110	.93	1.00	1.00	12,600	1200	.95	1.00	1.00	12,000	1280	.99	1.00	1.00	11,400	1360	1.00	1.00	1.00
67	350	12,900	1100	.61	.73	.84	12,200	1190	.62	.74	.86	11,600	1270	.64	.76	.89	10,900	1340	.65	.79	.92
	450	13,400	1110	.66	.79	.93	12,700	1200	.67	.82	.95	12,000	1280	.69	.84	.99	11,300	1360	.71	.87	1.00
	550	13,700	1120	.70	.86	1.00	13,000	1210	.72	.89	1.00	12,300	1290	.74	.92	1.00	11,600	1370	.77	.95	1.00
71	350	13,900	1130	.46	.56	.67	13,200	1220	.46	.57	.69	12,500	1300	.47	.59	.71	11,700	1370	.47	.60	.73
	450	14,300	1140	.48	.61	.74	13,600	1230	.48	.62	.76	12,800	1310	.49	.64	.78	12,100	1390	.50	.66	.81
	550	14,600	1140	.50	.65	.80	13,900	1230	.51	.67	.82	13,100	1320	.52	.69	.85	12,300	1390	.53	.71	.89

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, page 9.

HS18-141 WITH C16-21FF, CR16-21FF OR 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	350	12,700	1100	.78	.89	1.00	12,000	1180	.79	.92	1.00	11,400	1260	.82	.95	1.00	10,700	1330	.84	.98	1.00				
	450	13,400	1110	.85	.99	1.00	12,700	1200	.87	1.00	1.00	12,100	1290	.90	1.00	1.00	11,500	1360	.93	1.00	1.00				
	550	14,000	1130	.92	1.00	1.00	13,400	1220	.95	1.00	1.00	12,700	1310	.98	1.00	1.00	12,000	1380	1.00	1.00	1.00				
67	350	13,700	1120	.60	.72	.83	13,000	1210	.62	.73	.85	12,200	1290	.63	.75	.88	11,500	1360	.65	.78	.91				
	450	14,200	1130	.65	.79	.92	13,500	1220	.67	.81	.94	12,700	1310	.68	.83	.98	11,900	1380	.71	.87	1.00				
	550	14,600	1140	.70	.85	1.00	13,800	1230	.72	.88	1.00	13,000	1320	.74	.91	1.00	12,200	1390	.77	.95	1.00				
71	350	14,700	1150	.45	.56	.66	14,000	1240	.46	.57	.68	13,200	1320	.47	.58	.70	12,400	1400	.47	.60	.72				
	450	15,300	1160	.47	.60	.73	14,400	1250	.48	.62	.75	13,600	1330	.49	.63	.77	12,700	1410	.50	.65	.80				
	550	15,600	1170	.50	.65	.79	14,800	1260	.51	.66	.82	13,900	1340	.52	.68	.85	13,000	1420	.53	.71	.88				

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

HS18-141 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	300	12,200	1030	.71	.81	.92	11,600	1110	.72	.83	.94	11,000	1190	.74	.86	.97	10,300	1260	.76	.89	1.00				
	375	13,000	1050	.76	.88	.99	12,400	1130	.78	.91	1.00	11,700	1210	.80	.94	1.00	11,000	1280	.83	.97	1.00				
	450	13,700	1060	.81	.94	1.00	13,000	1150	.84	.97	1.00	12,300	1230	.86	1.00	1.00	11,700	1310	.89	1.00	1.00				
67	300	13,000	1050	.56	.65	.74	12,400	1130	.57	.67	.76	11,800	1210	.58	.68	.78	11,100	1290	.59	.70	.81				
	375	13,900	1070	.59	.69	.81	13,200	1150	.60	.71	.83	12,500	1230	.61	.73	.86	11,800	1310	.63	.76	.89				
	450	14,500	1080	.62	.74	.87	13,800	1170	.63	.76	.89	13,000	1250	.65	.79	.93	12,200	1330	.66	.82	.96				
71	300	13,900	1070	.44	.52	.60	13,300	1150	.44	.53	.62	12,600	1240	.44	.54	.63	11,900	1310	.45	.55	.64				
	375	14,800	1090	.45	.55	.64	14,100	1170	.45	.56	.66	13,400	1260	.46	.57	.67	12,600	1340	.46	.58	.69				
	450	15,400	1100	.46	.57	.68	14,700	1190	.47	.58	.70	13,900	1270	.47	.60	.72	13,000	1350	.48	.62	.75				

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

HS18-141 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	350	13,000	1110	.77	.88	.99	12,300	1190	.79	.91	1.00	11,600	1270	.81	.94	1.00	10,900	1340	.83	.97	1.00				
	450	13,700	1120	.84	.97	1.00	12,900	1210	.86	1.00	1.00	12,300	1290	.89	1.00	1.00	11,700	1370	.92	1.00	1.00				
	550	14,400	1140	.91	1.00	1.00	13,700	1230	.94	1.00	1.00	13,000	1320	.97	1.00	1.00	12,300	1390	1.00	1.00	1.00				
67	350	14,100	1130	.60	.71	.82	13,300	1220	.61	.73	.84	12,500	1300	.62	.75	.87	11,700	1370	.64	.77	.90				
	450	14,600	1140	.64	.77	.90	13,800	1230	.66	.80	.93	13,000	1320	.68	.82	.97	12,200	1390	.70	.85	1.00				
	550	15,000	1150	.69	.84	.99	14,200	1240	.71	.87	1.00	13,400	1330	.73	.90	1.00	12,500	1400	.76	.94	1.00				
71	350	15,200	1160	.45	.55	.65	14,400	1250	.46	.56	.67	13,500	1330	.46	.58	.69	12,700	1410	.47	.59	.71				
	450	15,700	1170	.47	.59	.72	14,900	1260	.48	.61	.74	14,000	1350	.49	.63	.76	13,100	1420	.50	.64	.79				
	550	16,100	1180	.49	.64	.78	15,200	1270	.50	.65	.81	14,300	1350	.51	.67	.84	13,300	1430	.52	.70	.87				

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

HS18-211 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. (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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	550	17,300	1510	.79	.92	1.00	16,500	1610	.81	.94	1.00	15,600	1710	.84	.97	1.00	14,600	1800	.86	1.00	1.00				
	650	17,800	1510	.84	.97	1.00	16,900	1620	.86	1.00	1.00	16,100	1730	.89	1.00	1.00	15,200	1840	.92	1.00	1.00				
	750	18,300	1520	.88	1.00	1.00	17,500	1640	.91	1.00	1.00	16,600	1750	.94	1.00	1.00	15,700	1860	.98	1.00	1.00				
67	550	18,400	1530	.62	.74	.85	17,500	1640	.63	.75	.87	16,500	1750	.64	.78	.90	15,500	1850	.66	.80	.93				
	650	18,800	1540	.65	.78	.91	17,900	1650	.66	.80	.93	16,900	1760	.68	.83	.97	15,800	1870	.70	.86	1.00				
	750	19,200	1540	.68	.82	.96	18,200	1660	.69	.85	.99	17,200	1770	.71	.88	1.00	16,100	1880	.74	.91	1.00				
71	550	19,700	1550	.46	.57	.68	18,700	1680	.47	.58	.70	17,700	1800	.47	.60	.72	16,600	1900	.48	.61	.74				
	650	20,100	1560	.47	.60	.72	19,100	1690	.48	.61	.74	18,000	1810	.49	.63	.77	16,900	1920	.50	.65	.80				
	750	20,400	1570	.49	.63	.77	19,300	1690	.49	.64	.79	18,200	1820	.50	.66	.81	17,100	1930	.52	.68	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, Page 9.

HS18-211 WITH C16-21FF, CR16-21FF OR 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	550	18,700	1530	.78	.90	1.00	17,800	1650	.80	.93	1.00	16,800	1760	.83	.96	1.00	15,700	1860	.85	.99	1.00				
	650	19,300	1540	.83	.96	1.00	18,300	1660	.85	.99	1.00	17,300	1780	.88	1.00	1.00	16,300	1890	.91	1.00	1.00				
	750	19,800	1550	.87	1.00	1.00	18,900	1680	.90	1.00	1.00	17,900	1800	.93	1.00	1.00	16,900	1920	.97	1.00	1.00				
67	550	20,000	1560	.61	.73	.84	18,900	1680	.62	.74	.86	17,800	1800	.64	.77	.89	16,700	1910	.66	.79	.93				
	650	20,500	1570	.64	.77	.90	19,300	1690	.65	.79	.92	18,200	1820	.67	.82	.96	17,000	1930	.69	.85	.99				
	750	20,800	1570	.67	.81	.95	19,700	1700	.69	.84	.98	18,500	1830	.71	.87	1.00	17,300	1940	.73	.90	1.00				
71	550	21,400	1590	.46	.57	.67	20,200	1720	.46	.58	.69	19,000	1850	.47	.59	.71	17,800	1960	.48	.61	.74				
	650	21,800	1600	.47	.59	.72	20,700	1730	.48	.61	.74	19,400	1860	.49	.62	.76	18,100	1980	.50	.64	.79				
	750	22,200	1600	.48	.62	.76	20,900	1740	.49	.64	.78	19,600	1870	.50	.66	.81	18,300	1990	.51	.68	.84				

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

HS18-211 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. (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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	550	19,400	1550	.77	.89	1.00	18,300	1670	.79	.91	1.00	17,300	1780	.81	.94	1.00	16,200	1880	.84	.98	1.00				
	650	20,000	1560	.81	.94	1.00	18,900	1680	.84	.97	1.00	17,800	1800	.87	1.00	1.00	16,800	1910	.90	1.00	1.00				
	750	20,400	1570	.86	1.00	1.00	19,400	1700	.88	1.00	1.00	18,400	1820	.92	1.00	1.00	17,300	1940	.95	1.00	1.00				
67	550	20,800	1570	.60	.71	.82	19,600	1700	.62	.73	.85	18,400	1820	.63	.75	.88	17,200	1930	.65	.78	.91				
	650	21,300	1580	.63	.76	.88	20,100	1720	.64	.78	.91	18,800	1840	.66	.80	.94	17,600	1950	.68	.84	.98				
	750	21,700	1590	.66	.80	.93	20,400	1730	.68	.82	.96	19,200	1850	.70	.85	1.00	17,900	1970	.72	.89	1.00				
71	550	22,300	1610	.45	.56	.66	21,000	1740	.46	.57	.68	19,700	1870	.47	.58	.70	18,400	1990	.47	.60	.72				
	650	22,800	1620	.47	.58	.70	21,500	1760	.47	.60	.72	20,100	1890	.48	.61	.75	18,700	2010	.49	.63	.78				
	750	23,100	1620	.48	.61	.74	21,800	1770	.49	.63	.77	20,400	1900	.50	.65	.79	19,000	2020	.51	.67	.83				

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

HS18-211 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	450	18,100	1560	.69	.80	.90	17,200	1670	.71	.82	.93	16,300	1780	.72	.84	.96	15,300	1880	.74	.87	.99				
	575	19,200	1580	.74	.87	.98	18,300	1700	.76	.90	1.00	17,300	1820	.79	.93	1.00	16,200	1930	.82	.96	1.00				
	700	20,100	1600	.80	.94	1.00	19,100	1730	.83	.97	1.00	18,100	1850	.86	1.00	1.00	17,000	1970	.89	1.00	1.00				
67	450	19,200	1580	.56	.64	.73	18,300	1700	.56	.65	.75	17,300	1820	.57	.67	.77	16,300	1930	.58	.69	.80				
	575	20,400	1610	.59	.69	.80	19,400	1730	.60	.70	.83	18,300	1860	.61	.72	.86	17,200	1970	.62	.75	.89				
	700	21,200	1630	.62	.74	.87	20,100	1760	.63	.76	.90	18,900	1880	.64	.79	.93	17,700	2000	.66	.83	.97				
71	450	20,300	1610	.43	.52	.60	19,300	1730	.43	.52	.61	18,300	1860	.44	.53	.62	17,200	1980	.44	.54	.64				
	575	21,500	1630	.44	.54	.64	20,400	1770	.45	.55	.65	19,300	1900	.46	.57	.67	18,100	2020	.46	.58	.69				
	700	22,300	1650	.46	.57	.68	21,200	1790	.47	.58	.70	20,000	1920	.47	.60	.73	18,700	2050	.48	.62	.76				

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

HS18-211 WITH C16-28FF, C16-28WFF, C16-31FF, C16-31WFF, 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84											
63	600	20,400	1570	.79	.92	1.00	19,300	1690	.81	.94	1.00	18,100	1810	.84	.98	1.00	16,900	1920	.87	1.00	1.00				
	700	21,000	1580	.84	.97	1.00	19,800	1710	.86	1.00	1.00	18,700	1840	.89	1.00	1.00	17,600	1960	.93	1.00	1.00				
	800	21,500	1590	.88	1.00	1.00	20,500	1730	.91	1.00	1.00	19,400	1860	.95	1.00	1.00	18,200	1980	.99	1.00	1.00				
67	600	21,800	1600	.62	.73	.85	20,500	1730	.63	.76	.88	19,200	1860	.65	.78	.91	17,900	1970	.67	.81	.95				
	700	22,300	1610	.65	.78	.91	21,000	1740	.66	.80	.94	19,600	1870	.68	.83	.98	18,300	1990	.71	.87	1.00				
	800	22,700	1620	.68	.82	.96	21,400	1760	.69	.85	1.00	20,000	1890	.72	.88	1.00	18,600	2010	.74	.92	1.00				
71	600	23,300	1630	.46	.57	.68	22,000	1770	.47	.58	.70	20,600	1910	.47	.60	.72	19,100	2030	.48	.62	.75				
	700	23,800	1640	.47	.60	.72	22,400	1780	.48	.61	.75	20,900	1920	.49	.63	.77	19,400	2040	.50	.66	.81				
	800	24,100	1650	.49	.63	.76	22,700	1790	.50	.64	.79	21,200	1930	.51	.67	.82	19,700	2050	.52	.69	.86				

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

RATINGS

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

HS18-211 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	550	20,200	1570	.77	.89	1.00	19,100	1690	.79	.91	1.00	17,900	1810	.81	.95	1.00	16,700	1920	.84	.98	1.00
	650	20,900	1580	.82	.95	1.00	19,700	1710	.84	.98	1.00	18,500	1830	.87	1.00	1.00	17,400	1950	.91	1.00	1.00
	750	21,400	1590	.86	1.00	1.00	20,300	1730	.89	1.00	1.00	19,200	1860	.93	1.00	1.00	18,100	1980	.97	1.00	1.00
67	550	21,700	1600	.60	.71	.82	20,400	1730	.62	.73	.85	19,100	1860	.63	.76	.88	17,800	1970	.65	.78	.91
	650	22,200	1610	.63	.76	.88	20,900	1740	.65	.78	.91	19,600	1870	.67	.81	.95	18,200	1990	.69	.84	.99
	750	22,700	1620	.66	.80	.94	21,300	1760	.68	.83	.97	19,900	1890	.70	.86	1.00	18,500	2010	.73	.90	1.00
71	550	23,200	1630	.45	.56	.66	21,900	1770	.46	.57	.68	20,500	1910	.47	.58	.70	19,000	2030	.47	.60	.73
	650	23,700	1640	.47	.59	.70	22,300	1790	.47	.60	.73	20,900	1920	.48	.62	.75	19,400	2050	.49	.64	.78
	750	24,100	1650	.48	.62	.75	22,700	1800	.49	.63	.77	21,200	1930	.50	.65	.80	19,700	2060	.51	.68	.84

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

HS18-211 WITH C14-26FF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	600	21,200	1580	.79	.92	1.00	20,000	1710	.81	.95	1.00	18,700	1830	.84	.98	1.00	17,500	1950	.88	1.00	1.00
	700	21,800	1590	.84	.98	1.00	20,500	1730	.87	1.00	1.00	19,400	1860	.90	1.00	1.00	18,200	1990	.94	1.00	1.00
	800	22,400	1610	.89	1.00	1.00	21,300	1750	.92	1.00	1.00	20,100	1890	.96	1.00	1.00	18,800	2010	1.00	1.00	1.00
67	600	22,600	1610	.62	.73	.85	21,300	1750	.63	.76	.88	19,900	1880	.65	.78	.91	18,600	2000	.67	.81	.95
	700	23,200	1620	.65	.78	.91	21,800	1760	.66	.81	.94	20,300	1900	.68	.84	.98	18,900	2010	.71	.87	1.00
	800	23,500	1630	.68	.83	.97	22,100	1770	.70	.86	1.00	20,600	1910	.72	.89	1.00	19,100	2030	.75	.93	1.00
71	600	24,200	1650	.46	.57	.68	22,800	1790	.47	.58	.70	21,300	1930	.47	.60	.73	19,800	2060	.48	.62	.76
	700	24,600	1660	.47	.60	.73	23,100	1800	.48	.62	.75	21,500	1940	.49	.64	.78	20,000	2070	.50	.66	.81
	800	25,100	1670	.49	.63	.77	23,500	1820	.50	.65	.80	21,900	1960	.51	.67	.83	20,300	2080	.52	.70	.87

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

HS18-211V WITH CB15-41FF 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	600	21,600	1590	.79	.92	1.00	20,300	1720	.81	.95	1.00	19,000	1840	.84	.98	1.00	17,800	1960	.88	1.00	1.00
	700	22,200	1600	.84	.98	1.00	20,800	1740	.87	1.00	1.00	19,700	1870	.90	1.00	1.00	18,500	2000	.94	1.00	1.00
	800	22,800	1620	.89	1.00	1.00	21,600	1760	.92	1.00	1.00	20,400	1900	.96	1.00	1.00	19,100	2020	1.00	1.00	1.00
67	600	23,100	1620	.62	.73	.85	21,700	1760	.63	.76	.88	20,300	1890	.65	.78	.91	18,900	2010	.67	.81	.95
	700	23,700	1630	.65	.78	.91	22,200	1770	.66	.81	.94	20,700	1910	.68	.84	.98	19,200	2020	.71	.87	1.00
	800	24,000	1640	.68	.83	.97	22,500	1780	.70	.86	1.00	21,000	1920	.72	.89	1.00	19,400	2040	.75	.93	1.00
71	600	24,700	1660	.46	.57	.68	23,200	1800	.47	.58	.70	21,700	1940	.47	.60	.73	20,100	2070	.48	.62	.76
	700	25,100	1670	.47	.60	.73	23,500	1810	.48	.62	.75	21,900	1950	.49	.64	.78	20,300	2080	.50	.66	.81
	800	25,600	1680	.49	.63	.77	23,900	1830	.50	.65	.80	22,300	1970	.51	.67	.83	20,600	2090	.52	.70	.87

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

HS18-261 WITH C16-21FF, CR16-21FF OR 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	22,400	1960	.78	.89	.98	21,300	2070	.80	.92	.99	20,200	2200	.82	.94	1.00	19,100	2370	.85	.96	1.00
	800	23,100	1980	.81	.93	1.00	21,900	2090	.83	.95	1.00	20,900	2240	.85	.97	1.00	19,700	2410	.88	.99	1.00
	900	23,600	2000	.84	.95	1.00	22,500	2120	.86	.97	1.00	21,500	2270	.89	.99	1.00	20,200	2440	.91	1.00	1.00
67	700	23,600	2000	.62	.73	.83	22,500	2120	.63	.75	.85	21,400	2270	.65	.76	.88	20,200	2440	.66	.79	.90
	800	24,300	2030	.64	.76	.87	23,200	2150	.66	.77	.89	22,000	2300	.67	.79	.91	20,800	2480	.69	.82	.94
	900	24,900	2060	.66	.78	.90	23,700	2180	.67	.80	.92	22,500	2330	.69	.82	.94	21,200	2510	.71	.85	.97
71	700	24,700	2050	.48	.58	.68	23,600	2170	.48	.59	.70	22,500	2330	.49	.60	.71	21,200	2520	.49	.62	.73
	800	25,500	2080	.49	.60	.71	24,300	2210	.49	.61	.72	23,100	2370	.50	.62	.74	21,800	2560	.51	.64	.76
	900	26,100	2100	.50	.62	.73	24,900	2240	.50	.63	.75	23,600	2400	.51	.64	.77	22,300	2600	.52	.66	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS18-261 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. (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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	22,400	1960	.77	.88	.97	21,300	2070	.79	.90	.99	20,200	2200	.81	.93	1.00	19,100	2360	.83	.95	1.00
	800	23,100	1980	.80	.92	1.00	22,000	2100	.82	.94	1.00	20,800	2240	.84	.96	1.00	19,700	2410	.87	.98	1.00
	900	23,700	2010	.83	.95	1.00	22,600	2130	.85	.97	1.00	21,400	2270	.87	.99	1.00	20,200	2440	.90	1.00	1.00
67	700	23,700	2010	.62	.72	.82	22,600	2130	.63	.74	.84	21,500	2270	.64	.75	.86	20,300	2450	.65	.77	.89
	800	24,500	2040	.64	.75	.85	23,300	2160	.65	.76	.88	22,100	2310	.66	.78	.90	20,800	2490	.68	.81	.93
	900	25,100	2070	.65	.77	.89	23,900	2190	.67	.79	.91	22,600	2340	.68	.81	.93	21,300	2520	.70	.84	.96
71	700	25,000	2060	.47	.58	.67	23,800	2180	.48	.58	.68	22,600	2340	.48	.60	.70	21,400	2530	.49	.61	.72
	800	25,800	2090	.48	.59	.70	24,600	2220	.49	.60	.71	23,300	2380	.50	.61	.73	22,000	2580	.50	.63	.75
	900	26,500	2120	.49	.61	.72	25,200	2250	.50	.62	.74	23,900	2420	.51	.63	.76	22,600	2610	.52	.65	.78

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

HS18-261 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	500	22,100	1940	.71	.80	.89	21,100	2050	.72	.81	.91	20,000	2180	.73	.83	.93	18,900	2340	.75	.85	.95
	625	23,500	2000	.75	.85	.94	22,300	2110	.76	.87	.97	21,200	2250	.78	.89	.99	20,000	2410	.80	.92	1.00
	750	24,600	2040	.78	.90	.99	23,400	2160	.80	.92	1.00	22,200	2300	.82	.94	1.00	20,900	2470	.85	.97	1.00
67	500	23,500	2000	.57	.66	.74	22,400	2110	.58	.67	.76	21,300	2250	.59	.68	.77	20,200	2420	.60	.70	.79
	625	25,000	2050	.60	.69	.79	23,800	2170	.61	.71	.81	22,600	2320	.62	.72	.83	21,300	2500	.63	.74	.85
	750	26,100	2100	.62	.73	.84	24,800	2220	.63	.75	.86	23,500	2370	.64	.76	.88	22,100	2550	.66	.79	.91
71	500	24,900	2050	.45	.53	.61	23,800	2170	.45	.54	.62	22,600	2320	.45	.54	.63	21,400	2500	.46	.55	.64
	625	26,400	2110	.46	.55	.64	25,200	2240	.46	.56	.66	23,900	2390	.47	.57	.67	22,600	2580	.47	.58	.69
	750	27,500	2150	.47	.58	.68	26,200	2280	.48	.59	.69	24,900	2440	.48	.60	.71	23,500	2640	.49	.61	.73

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

HS18-261 WITH C16-28FF, C16-28WFF, C16-31FF, C16-31WFF, 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	23,400	2000	.77	.87	.97	22,200	2120	.78	.90	.99	21,000	2260	.80	.92	1.00	19,800	2430	.82	.95	1.00
	800	24,100	2030	.79	.91	1.00	22,900	2150	.81	.93	1.00	21,700	2290	.83	.96	1.00	20,400	2470	.86	.98	1.00
	900	24,800	2060	.82	.94	1.00	23,500	2180	.84	.97	1.00	22,300	2320	.87	.99	1.00	21,000	2510	.90	1.00	1.00
67	700	25,000	2060	.61	.71	.81	23,800	2190	.62	.73	.83	22,500	2340	.63	.74	.85	21,200	2520	.64	.76	.88
	800	25,700	2090	.63	.74	.85	24,500	2220	.64	.75	.87	23,200	2380	.65	.77	.90	21,800	2570	.67	.80	.92
	900	26,300	2120	.65	.76	.88	25,000	2250	.66	.78	.91	23,700	2410	.67	.81	.93	22,200	2600	.69	.83	.96
71	700	26,400	2120	.47	.57	.66	25,200	2260	.47	.58	.67	23,900	2420	.48	.59	.69	22,600	2620	.49	.60	.71
	800	27,200	2160	.48	.58	.69	26,000	2300	.48	.59	.70	24,600	2460	.49	.61	.72	23,200	2670	.50	.62	.74
	900	27,900	2190	.49	.60	.71	26,600	2330	.49	.61	.73	25,100	2500	.50	.63	.75	23,700	2710	.51	.64	.77

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

HS18-261 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	23,700	2010	.77	.88	.98	22,500	2130	.79	.90	.99	21,300	2270	.81	.92	1.00	20,100	2450	.83	.95	1.00
	800	24,500	2050	.80	.92	1.00	23,200	2170	.82	.94	1.00	22,000	2310	.84	.97	1.00	20,700	2490	.87	.99	1.00
	900	25,200	2070	.83	.95	1.00	23,800	2200	.85	.97	1.00	22,500	2350	.88	.99	1.00	21,400	2540	.90	1.00	1.00
67	700	25,300	2080	.61	.72	.82	24,000	2200	.62	.73	.84	22,800	2360	.63	.75	.86	21,400	2540	.65	.77	.89
	800	26,000	2110	.63	.74	.85	24,800	2240	.64	.76	.88	23,400	2390	.66	.78	.90	22,000	2580	.67	.81	.93
	900	26,600	2130	.65	.77	.89	25,300	2270	.66	.79	.91	23,900	2430	.68	.81	.94	22,400	2620	.70	.84	.97
71	700	26,800	2140	.47	.57	.67	25,500	2280	.47	.58	.68	24,200	2440	.48	.59	.70	22,800	2640	.49	.60	.72
	800	27,600	2170	.48	.59	.69	26,300	2310	.48	.60	.71	24,900	2480	.49	.61	.73	23,400	2690	.50	.63	.75
	900	28,300	2200	.49	.60	.72	26,900	2340	.49	.62	.74	25,400	2520	.50	.63	.76	23,900	2730	.51	.65	.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, page 9.

HS18-261 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	600	23,000	2030	.71	.82	.92	21,900	2140	.72	.84	.95	20,700	2280	.74	.86	.97	19,600	2450	.76	.89	1.00
	750	24,300	2080	.76	.88	.99	23,200	2200	.78	.91	1.00	21,900	2340	.80	.94	1.00	20,700	2520	.83	.97	1.00
	900	25,300	2120	.81	.94	1.00	24,100	2240	.83	.97	1.00	22,900	2400	.86	.99	1.00	21,700	2580	.89	1.00	1.00
67	600	24,500	2080	.57	.66	.75	23,300	2210	.58	.67	.77	22,100	2350	.59	.69	.79	20,900	2530	.60	.70	.82
	750	25,800	2140	.60	.70	.82	24,600	2260	.61	.72	.84	23,300	2420	.62	.74	.87	21,900	2600	.63	.76	.90
	900	26,700	2180	.62	.75	.88	25,400	2300	.64	.77	.90	24,100	2460	.65	.79	.93	22,600	2650	.67	.83	.96
71	600	25,800	2140	.44	.53	.61	24,700	2270	.44	.53	.62	23,400	2430	.45	.54	.64	22,200	2620	.45	.55	.65
	750	27,200	2190	.45	.55	.65	25,900	2330	.46	.56	.67	24,600	2490	.46	.57	.68	23,200	2690	.47	.59	.70
	900	28,200	2230	.47	.58	.69	26,900	2370	.47	.59	.71	25,500	2540	.48	.60	.73	24,000	2740	.49	.62	.76

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

HS18-261 WITH C16-41FF, C16-41WFF, 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	23,800	2020	.77	.87	.97	22,600	2140	.78	.90	.99	21,400	2280	.80	.92	1.00	20,100	2460	.83	.95	1.00
	800	24,500	2050	.80	.91	1.00	23,300	2170	.81	.93	1.00	22,100	2320	.84	.96	1.00	20,800	2500	.87	.99	1.00
	900	25,200	2080	.83	.95	1.00	23,900	2200	.85	.97	1.00	22,600	2360	.87	.99	1.00	21,400	2550	.90	1.00	1.00
67	700	25,400	2090	.61	.71	.81	24,100	2210	.62	.73	.83	22,800	2370	.63	.75	.86	21,500	2560	.65	.77	.89
	800	26,100	2120	.63	.74	.85	24,800	2250	.64	.76	.87	23,500	2410	.65	.78	.90	22,100	2600	.67	.80	.93
	900	26,800	2150	.65	.77	.89	25,400	2280	.66	.79	.91	24,000	2440	.68	.81	.94	22,500	2630	.69	.84	.97
71	700	26,900	2150	.47	.57	.66	25,600	2290	.47	.58	.68	24,300	2450	.48	.59	.69	22,900	2660	.49	.60	.71
	800	27,700	2180	.48	.58	.69	26,300	2320	.48	.60	.70	24,900	2500	.49	.61	.72	23,500	2710	.50	.62	.74
	900	28,400	2210	.49	.60	.71	27,000	2360	.49	.61	.73	25,500	2530	.50	.63	.75	24,000	2750	.51	.65	.78

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

HS18-261 WITH C14-26FF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	23,800	2030	.78	.90	.99	22,700	2150	.80	.92	1.00	21,500	2290	.82	.94	1.00	20,200	2470	.85	.97	1.00
	800	24,600	2060	.82	.94	1.00	23,400	2190	.84	.96	1.00	22,100	2340	.86	.98	1.00	20,900	2520	.89	1.00	1.00
	900	25,300	2090	.85	.97	1.00	24,100	2220	.87	.99	1.00	22,900	2380	.90	1.00	1.00	21,700	2580	.93	1.00	1.00
67	700	25,400	2100	.62	.73	.83	24,100	2220	.63	.74	.85	22,800	2380	.64	.76	.88	21,500	2570	.66	.79	.91
	800	26,200	2130	.64	.76	.87	24,800	2260	.65	.78	.90	23,500	2420	.67	.80	.92	22,100	2610	.69	.83	.96
	900	26,800	2150	.66	.79	.91	25,400	2290	.68	.81	.94	24,000	2450	.69	.84	.96	22,500	2640	.71	.87	.99
71	700	26,900	2160	.47	.58	.68	25,600	2290	.48	.59	.69	24,200	2460	.48	.60	.71	22,800	2670	.49	.61	.73
	800	27,700	2190	.48	.60	.71	26,300	2330	.49	.61	.72	24,900	2500	.50	.62	.74	23,500	2720	.50	.64	.77
	900	28,400	2220	.49	.62	.74	26,900	2360	.50	.63	.76	25,500	2540	.51	.65	.78	24,000	2750	.52	.66	.81

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

HS18-261 WITH CB15-41FF 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	700	25,100	2050	.78	.89	.99	23,900	2170	.80	.91	1.00	22,600	2320	.82	.94	1.00	21,200	2500	.84	.97	1.00
	800	26,000	2090	.81	.93	1.00	24,700	2210	.83	.96	1.00	23,300	2360	.86	.98	1.00	22,100	2550	.89	1.00	1.00
	900	26,600	2110	.84	.97	1.00	25,400	2250	.87	.99	1.00	24,100	2410	.90	1.00	1.00	22,800	2610	.92	1.00	1.00
67	700	26,800	2120	.62	.72	.83	25,500	2250	.63	.74	.85	24,100	2410	.64	.76	.88	22,600	2600	.65	.78	.90
	800	27,600	2150	.64	.75	.87	26,200	2290	.65	.77	.89	24,800	2450	.67	.80	.92	23,200	2640	.68	.82	.95
	900	28,300	2180	.66	.79	.91	26,800	2310	.67	.81	.93	25,300	2480	.69	.83	.96	23,800	2680	.71	.86	.99
71	700	28,300	2180	.47	.57	.67	27,000	2320	.47	.58	.69	25,500	2490	.48	.59	.70	24,100	2700	.49	.61	.73
	800	29,200	2220	.48	.59	.70	27,800	2360	.48	.60	.72	26,300	2540	.49	.62	.74	24,700	2750	.50	.63	.76
	900	29,900	2250	.49	.61	.73	28,400	2400	.50	.63	.75	26,900	2580	.51	.64	.77	25,300	2790	.52	.66	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, page 9.

HS18-311 WITH C16-28FF, C16-28WFF, C16-31FF, C16-31WFF, 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	29,700	2550	.79	.91	1.00	28,300	2760	.81	.94	1.00	26,800	2970	.83	.96	1.00	25,000	3150	.86	1.00	1.00
	1050	30,600	2580	.83	.97	1.00	29,200	2800	.86	.99	1.00	27,600	3010	.88	1.00	1.00	26,200	3210	.91	1.00	1.00
	1200	31,300	2610	.88	1.00	1.00	29,900	2840	.90	1.00	1.00	28,500	3060	.93	1.00	1.00	27,000	3250	.96	1.00	1.00
67	900	31,700	2630	.62	.73	.85	30,100	2850	.63	.75	.87	28,500	3060	.64	.77	.90	26,800	3240	.66	.80	.93
	1050	32,400	2650	.64	.77	.90	30,800	2870	.66	.79	.93	29,100	3080	.67	.82	.96	27,300	3270	.69	.85	.99
	1200	32,900	2670	.67	.81	.95	31,300	2890	.69	.84	.98	29,500	3110	.71	.87	1.00	27,700	3300	.73	.90	1.00
71	900	34,000	2710	.46	.57	.68	32,300	2940	.46	.58	.70	30,500	3150	.47	.59	.72	28,700	3350	.48	.61	.74
	1050	34,600	2730	.47	.60	.72	32,800	2960	.48	.61	.74	31,000	3180	.49	.62	.76	29,100	3370	.50	.64	.79
	1200	35,100	2750	.48	.62	.76	33,300	2980	.49	.64	.78	31,400	3200	.50	.65	.81	29,500	3390	.51	.67	.84

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

HS18-311 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	30,500	2580	.79	.91	1.00	29,000	2800	.81	.93	1.00	27,500	3000	.83	.96	1.00	26,100	3190	.86	.99	1.00
	1050	31,400	2620	.83	.97	1.00	30,000	2830	.85	.99	1.00	28,300	3050	.88	1.00	1.00	26,900	3250	.91	1.00	1.00
	1200	32,200	2640	.87	1.00	1.00	30,700	2870	.90	1.00	1.00	29,300	3090	.93	1.00	1.00	27,700	3300	.96	1.00	1.00
67	900	32,600	2660	.61	.73	.84	31,000	2880	.63	.75	.87	29,200	3090	.64	.77	.90	27,500	3280	.66	.79	.93
	1050	33,400	2690	.64	.77	.90	31,600	2910	.66	.79	.93	29,800	3120	.67	.82	.96	28,000	3310	.69	.85	.99
	1200	33,900	2710	.67	.81	.95	32,200	2930	.69	.84	.98	30,300	3150	.71	.87	1.00	28,500	3340	.73	.90	1.00
71	900	35,000	2740	.46	.57	.68	33,200	2980	.46	.58	.69	31,300	3190	.47	.59	.71	29,400	3390	.48	.61	.74
	1050	35,700	2770	.47	.59	.72	33,800	3000	.48	.61	.74	31,800	3220	.49	.62	.76	29,900	3420	.50	.64	.79
	1200	36,100	2790	.48	.62	.76	34,300	3020	.49	.64	.78	32,300	3240	.50	.65	.81	30,200	3440	.51	.68	.84

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

HS18-311 WITH C16-41FF, C16-41WFF, 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	30,700	2590	.79	.91	1.00	29,200	2800	.81	.93	1.00	27,600	3010	.83	.96	1.00	26,200	3190	.86	.99	1.00
	1050	31,600	2620	.83	.97	1.00	30,100	2840	.85	.99	1.00	28,400	3050	.88	1.00	1.00	27,000	3250	.91	1.00	1.00
	1200	32,300	2650	.88	1.00	1.00	30,900	2880	.90	1.00	1.00	29,400	3100	.93	1.00	1.00	27,900	3300	.97	1.00	1.00
67	900	32,800	2670	.61	.73	.84	31,100	2890	.63	.75	.87	29,400	3100	.64	.77	.90	27,600	3290	.66	.79	.93
	1050	33,500	2690	.64	.77	.90	31,800	2920	.66	.79	.93	30,000	3130	.67	.82	.96	28,200	3320	.69	.85	.99
	1200	34,100	2710	.67	.81	.95	32,300	2940	.69	.84	.98	30,500	3150	.71	.87	1.00	28,600	3350	.73	.90	1.00
71	900	35,200	2750	.46	.57	.68	33,300	2980	.46	.58	.69	31,400	3200	.47	.59	.71	29,500	3400	.48	.61	.74
	1050	35,800	2780	.47	.59	.72	34,000	3010	.48	.61	.74	32,000	3230	.49	.62	.76	30,000	3420	.50	.64	.79
	1200	36,400	2790	.48	.62	.76	34,400	3030	.49	.64	.78	32,400	3250	.50	.65	.81	30,400	3440	.51	.68	.84

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

HS18-311 WITH C14-26FF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	31,300	2610	.79	.91	1.00	29,700	2830	.81	.94	1.00	28,100	3030	.83	.97	1.00	26,400	3220	.86	1.00	1.00
	1050	32,200	2640	.83	.97	1.00	30,300	2860	.86	1.00	1.00	29,000	3080	.89	1.00	1.00	27,500	3280	.92	1.00	1.00
	1200	32,900	2670	.88	1.00	1.00	31,400	2900	.91	1.00	1.00	29,900	3130	.94	1.00	1.00	28,300	3330	.97	1.00	1.00
67	900	33,400	2690	.61	.73	.85	31,700	2910	.63	.75	.87	29,900	3130	.64	.77	.90	28,100	3310	.66	.80	.93
	1050	34,100	2720	.64	.78	.90	32,300	2940	.66	.80	.93	30,500	3150	.68	.82	.96	28,600	3340	.70	.85	1.00
	1200	34,700	2730	.67	.82	.96	32,800	2960	.69	.84	.99	31,000	3180	.71	.87	1.00	29,000	3370	.73	.90	1.00
71	900	35,800	2780	.46	.57	.68	34,000	3010	.46	.58	.70	32,000	3230	.47	.59	.72	30,000	3420	.48	.61	.74
	1050	36,500	2800	.47	.60	.72	34,500	3030	.48	.61	.74	32,500	3250	.49	.63	.76	30,500	3450	.50	.65	.79
	1200	37,000	2820	.49	.62	.76	35,000	3050	.49	.64	.78	32,900	3270	.50	.66	.81	30,800	3470	.51	.68	.84

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.

HS18-311 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	31,000	2600	.79	.91	1.00	29,500	2820	.81	.94	1.00	27,900	3020	.83	.97	1.00	26,100	3200	.86	1.00	1.00
	1050	31,900	2630	.84	.97	1.00	30,100	2850	.86	1.00	1.00	28,700	3070	.89	1.00	1.00	27,300	3270	.92	1.00	1.00
	1200	32,700	2660	.88	1.00	1.00	31,300	2900	.91	1.00	1.00	29,700	3120	.94	1.00	1.00	28,200	3320	.97	1.00	1.00
67	900	33,100	2680	.62	.73	.85	31,400	2900	.63	.75	.87	29,600	3110	.64	.77	.90	27,800	3300	.66	.80	.93
	1050	33,800	2700	.64	.78	.90	32,100	2930	.66	.80	.93	30,200	3140	.68	.82	.96	28,400	3330	.70	.85	1.00
	1200	34,400	2720	.67	.82	.96	32,600	2950	.69	.84	.99	30,700	3170	.71	.87	1.00	28,800	3360	.73	.91	1.00
71	900	35,400	2760	.46	.57	.68	33,600	2990	.46	.58	.70	31,700	3210	.47	.59	.72	29,700	3410	.48	.61	.74
	1050	36,100	2790	.47	.60	.72	34,200	3020	.48	.61	.74	32,200	3240	.49	.63	.77	30,200	3440	.50	.65	.79
	1200	36,600	2800	.49	.62	.76	34,700	3040	.49	.64	.79	32,700	3260	.50	.66	.81	30,600	3450	.52	.68	.84

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

HS18-311 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	750	28,800	2590	.73	.84	.94	27,400	2800	.74	.86	.97	26,100	3010	.76	.88	.99	24,700	3200	.78	.91	1.00
	950	30,400	2660	.78	.91	1.00	29,000	2870	.80	.94	1.00	27,500	3090	.83	.96	1.00	26,200	3290	.85	.98	1.00
	1150	31,700	2700	.84	.97	1.00	30,300	2930	.87	.99	1.00	28,900	3160	.89	1.00	1.00	27,500	3380	.92	1.00	1.00
67	750	30,500	2660	.58	.68	.77	29,200	2880	.59	.69	.79	27,800	3090	.60	.70	.81	26,300	3300	.61	.72	.84
	950	32,200	2720	.61	.73	.85	30,800	2950	.62	.74	.87	29,200	3170	.64	.76	.89	27,600	3380	.65	.79	.92
	1150	33,400	2770	.65	.77	.91	31,900	3000	.66	.80	.93	30,100	3220	.67	.82	.96	28,400	3440	.69	.85	.98
71	750	32,300	2730	.44	.54	.63	30,900	2960	.45	.55	.64	29,400	3180	.45	.55	.65	27,900	3400	.46	.57	.67
	950	34,000	2790	.46	.57	.67	32,500	3030	.46	.58	.69	30,900	3260	.47	.59	.71	29,200	3480	.48	.60	.73
	1150	35,300	2840	.48	.60	.72	33,600	3080	.48	.61	.74	31,900	3310	.49	.63	.76	30,200	3530	.50	.64	.79

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

HS18-311 WITH C14-41FF 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	32,500	2660	.79	.91	1.00	30,800	2880	.81	.93	1.00	29,100	3080	.83	.97	1.00	27,300	3270	.86	1.00	1.00
	1050	33,500	2690	.83	.97	1.00	31,700	2910	.86	1.00	1.00	30,100	3140	.89	1.00	1.00	28,500	3340	.92	1.00	1.00
	1200	34,400	2730	.88	1.00	1.00	32,800	2960	.91	1.00	1.00	31,200	3190	.94	1.00	1.00	29,500	3390	.98	1.00	1.00
67	900	34,800	2740	.61	.73	.85	33,000	2970	.63	.75	.87	31,000	3180	.64	.77	.90	29,100	3370	.66	.80	.93
	1050	35,600	2770	.64	.77	.90	33,700	3000	.66	.80	.93	31,700	3210	.68	.82	.97	29,700	3400	.70	.85	1.00
	1200	36,200	2790	.67	.82	.96	34,200	3020	.69	.85	.99	32,200	3240	.71	.88	1.00	30,100	3430	.74	.91	1.00
71	900	37,300	2830	.46	.57	.68	35,300	3060	.46	.58	.69	33,200	3280	.47	.59	.71	31,100	3480	.48	.61	.74
	1050	38,000	2850	.47	.60	.72	35,900	3090	.48	.61	.74	33,800	3310	.49	.63	.76	31,600	3510	.50	.65	.79
	1200	38,600	2870	.49	.63	.76	36,400	3110	.50	.64	.79	34,200	3330	.51	.66	.82	32,000	3530	.52	.68	.85

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

HS18-311 WITH CB15-41FF 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	31,500	2640	.79	.91	1.00	29,900	2860	.81	.93	1.00	28,300	3070	.83	.96	1.00	26,400	3250	.86	1.00	1.00
	1050	32,400	2680	.83	.97	1.00	30,500	2900	.86	1.00	1.00	29,100	3120	.88	1.00	1.00	27,600	3320	.92	1.00	1.00
	1200	33,300	2710	.88	1.00	1.00	31,800	2940	.90	1.00	1.00	30,200	3170	.94	1.00	1.00	28,500	3370	.97	1.00	1.00
67	900	33,800	2730	.62	.73	.84	32,000	2950	.63	.75	.87	30,100	3170	.64	.77	.90	28,200	3360	.66	.79	.93
	1050	34,500	2750	.64	.77	.90	32,700	2980	.66	.79	.93	30,700	3200	.67	.82	.96	28,800	3390	.69	.85	1.00
	1200	35,100	2770	.67	.82	.96	33,200	3000	.69	.84	.99	31,200	3220	.71	.87	1.00	29,200	3410	.73	.91	1.00
71	900	36,200	2810	.46	.57	.68	34,200	3050	.46	.58	.69	32,200	3270	.47	.59	.71	30,200	3470	.48	.61	.74
	1050	36,900	2840	.47	.59	.72	34,900	3080	.48	.61	.74	32,800	3300	.49	.63	.76	30,700	3490	.50	.64	.79
	1200	37,400	2860	.49	.62	.76	35,400	3090	.49	.64	.78	33,200	3320	.50	.66	.81	31,100	3510	.51	.68	.84

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.

HS18-411-413 WITH 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)					Dry Bulb (°F)					Dry Bulb (°F)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	33,300	3070	.76	.87	.97	31,500	3290	.77	.89	1.00	29,600	3550	.80	.92	1.00	27,600	3860	.83	.96	1.00
	1250	34,600	3120	.81	.94	1.00	32,800	3350	.83	.97	1.00	30,600	3610	.86	1.00	1.00	28,800	3960	.89	1.00	1.00
	1500	35,400	3150	.86	1.00	1.00	33,800	3400	.89	1.00	1.00	31,900	3700	.92	1.00	1.00	30,000	4060	.96	1.00	1.00
67	1000	35,700	3160	.59	.70	.81	33,700	3400	.61	.72	.83	31,600	3680	.62	.74	.86	29,400	4010	.64	.77	.89
	1250	36,800	3210	.63	.75	.87	34,700	3450	.64	.77	.90	32,500	3740	.66	.80	.93	30,200	4080	.68	.83	.97
	1500	37,600	3240	.66	.80	.93	35,500	3490	.68	.82	.97	33,200	3780	.70	.86	1.00	30,800	4140	.72	.89	1.00
71	1000	38,200	3260	.45	.55	.65	36,100	3520	.46	.56	.67	33,800	3830	.46	.57	.69	31,500	4190	.47	.59	.71
	1250	39,400	3300	.46	.58	.70	37,100	3570	.47	.59	.72	34,700	3890	.48	.61	.74	32,200	4260	.49	.63	.77
	1500	40,100	3330	.48	.61	.74	37,800	3600	.49	.63	.77	35,300	3930	.50	.65	.80	32,700	4310	.51	.67	.83

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

HS18-411-413 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)					Dry Bulb (°F)					Dry Bulb (°F)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	34,200	3100	.77	.88	.99	32,300	3330	.79	.91	1.00	30,300	3600	.81	.94	1.00	28,300	3920	.84	.97	1.00
	1250	35,600	3160	.82	.95	1.00	33,600	3390	.85	.98	1.00	31,500	3670	.88	1.00	1.00	29,600	4030	.91	1.00	1.00
	1500	36,600	3200	.88	1.00	1.00	34,800	3450	.91	1.00	1.00	32,800	3760	.94	1.00	1.00	30,800	4140	.98	1.00	1.00
67	1000	36,500	3200	.60	.71	.82	34,500	3440	.61	.73	.84	32,300	3730	.63	.75	.87	30,000	4060	.65	.78	.91
	1250	37,400	3240	.64	.77	.89	35,300	3490	.65	.79	.92	33,100	3790	.67	.82	.95	30,700	4150	.69	.85	.98
	1500	38,500	3270	.67	.82	.96	36,200	3520	.69	.85	.99	33,900	3830	.71	.88	1.00	31,400	4190	.74	.92	1.00
71	1000	39,100	3290	.45	.56	.66	36,900	3560	.46	.57	.67	34,500	3870	.46	.58	.70	32,100	4250	.47	.60	.72
	1250	40,200	3340	.47	.59	.71	37,800	3610	.48	.60	.73	35,400	3930	.48	.62	.76	32,800	4310	.50	.64	.79
	1500	40,900	3360	.49	.62	.76	38,500	3640	.49	.64	.79	35,900	3970	.51	.66	.82	33,300	4350	.52	.69	.86

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

HS18-411-413 WITH C16-28FF, C16-28WFF, C16-31FF OR C16-31WFF 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)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	34,000	3080	.76	.88	.99	32,200	3300	.78	.90	1.00	30,300	3510	.81	.93	1.00	28,400	3680	.83	.97	1.00
	1200	35,200	3120	.81	.94	1.00	33,300	3350	.83	.97	1.00	31,200	3560	.86	1.00	1.00	29,400	3750	.89	1.00	1.00
	1400	36,300	3160	.86	.99	1.00	34,200	3400	.88	1.00	1.00	32,400	3620	.91	1.00	1.00	30,500	3820	.95	1.00	1.00
67	1000	36,400	3170	.60	.71	.82	34,400	3410	.61	.73	.84	32,300	3620	.63	.75	.87	30,200	3790	.64	.77	.90
	1200	37,300	3210	.63	.75	.87	35,200	3450	.64	.77	.90	33,100	3660	.66	.80	.93	30,900	3840	.68	.83	.97
	1400	38,200	3250	.66	.79	.92	36,000	3490	.67	.81	.95	33,900	3700	.69	.85	.99	31,500	3890	.72	.89	1.00
71	1000	38,900	3280	.45	.55	.66	36,800	3520	.46	.57	.67	34,600	3740	.46	.58	.69	32,300	3930	.47	.59	.72
	1200	39,900	3310	.47	.58	.70	37,600	3560	.47	.60	.72	35,300	3780	.48	.61	.74	32,900	3970	.49	.63	.77
	1400	40,600	3340	.48	.61	.74	38,200	3590	.49	.63	.76	35,800	3810	.50	.64	.79	33,400	4000	.51	.67	.82

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

HS18-411-413 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)					Dry Bulb (°F)					Dry Bulb (°F)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	34,500	3100	.76	.88	.99	32,600	3330	.78	.90	1.00	30,500	3600	.81	.94	1.00	28,400	3930	.84	.97	1.00
	1200	35,700	3150	.81	.94	1.00	33,700	3380	.84	.97	1.00	31,500	3660	.87	1.00	1.00	29,500	4030	.90	1.00	1.00
	1400	36,400	3180	.86	1.00	1.00	34,600	3430	.89	1.00	1.00	32,700	3750	.92	1.00	1.00	30,600	4120	.96	1.00	1.00
67	1000	36,900	3190	.60	.71	.82	34,800	3440	.61	.73	.84	32,500	3740	.63	.75	.87	30,200	4080	.65	.78	.91
	1200	37,900	3230	.63	.75	.87	35,700	3480	.64	.78	.90	33,300	3790	.66	.80	.94	30,900	4140	.69	.84	.98
	1400	38,600	3260	.66	.80	.93	36,300	3520	.68	.83	.97	33,900	3830	.70	.86	1.00	31,400	4190	.73	.90	1.00
71	1000	39,500	3290	.45	.55	.66	37,200	3560	.46	.57	.67	34,800	3890	.46	.58	.70	32,200	4260	.47	.60	.72
	1200	40,400	3330	.47	.58	.70	38,000	3610	.47	.60	.72	35,500	3930	.48	.62	.75	32,800	4320	.49	.64	.78
	1400	41,100	3360	.48	.61	.74	38,600	3640	.49	.63	.77	36,000	3970	.50	.65	.80	33,300	4360	.51	.68	.84

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.

HS18-411-413 WITH 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)	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)								
														Dry Bulb (°F)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	35,500	3180	.76	.88	.99	33,500	3390	.78	.90	1.00	31,400	3670	.81	.94	1.00	29,200	4000	.84	.97	1.00
	1250	37,000	3210	.82	.95	1.00	34,900	3460	.85	.99	1.00	32,700	3750	.88	1.00	1.00	30,700	4130	.92	1.00	1.00
	1500	38,200	3260	.88	1.00	1.00	36,200	3520	.91	1.00	1.00	34,100	3850	.95	1.00	1.00	31,900	4240	.99	1.00	1.00
67	1000	38,000	3250	.60	.71	.82	35,800	3500	.61	.73	.84	33,400	3800	.63	.75	.87	31,000	4150	.65	.78	.91
	1250	39,200	3300	.64	.76	.89	36,900	3560	.65	.79	.92	34,400	3870	.67	.82	.96	31,900	4230	.70	.85	1.00
	1500	40,100	3330	.67	.82	.96	37,700	3600	.69	.85	.99	35,100	3910	.72	.88	1.00	32,500	4290	.75	.93	1.00
71	1000	40,600	3350	.45	.56	.66	38,300	3630	.46	.57	.67	35,700	3960	.46	.58	.70	33,100	4340	.47	.60	.72
	1250	41,800	3400	.47	.59	.71	39,300	3680	.48	.61	.73	36,600	4010	.49	.62	.76	33,900	4410	.50	.65	.79
	1500	42,600	3430	.49	.63	.76	40,000	3710	.50	.64	.79	37,200	4050	.51	.67	.82	34,400	4450	.52	.70	.86

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

HS18-411-413 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)	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)								
														Dry Bulb (°F)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	35,500	3120	.77	.88	.99	33,400	3360	.79	.91	1.00	31,300	3630	.81	.94	1.00	29,200	3960	.84	.98	1.00
	1200	36,700	3170	.82	.94	1.00	34,600	3410	.84	.98	1.00	32,400	3700	.87	1.00	1.00	30,300	4070	.91	1.00	1.00
	1400	37,600	3200	.86	1.00	1.00	35,600	3470	.89	1.00	1.00	33,600	3780	.93	1.00	1.00	31,400	4170	.97	1.00	1.00
67	1000	37,900	3220	.60	.71	.82	35,700	3470	.61	.73	.84	33,300	3770	.63	.75	.87	30,900	4120	.65	.78	.91
	1200	38,900	3260	.63	.76	.88	36,600	3510	.65	.78	.91	34,100	3820	.67	.81	.95	31,600	4180	.69	.85	.99
	1400	39,700	3280	.66	.80	.94	37,300	3550	.68	.83	.97	34,700	3860	.70	.87	1.00	32,200	4230	.73	.91	1.00
71	1000	40,500	3320	.45	.56	.66	38,100	3590	.46	.57	.68	35,600	3920	.47	.58	.70	33,000	4300	.47	.60	.73
	1200	41,500	3350	.47	.59	.70	39,000	3630	.47	.60	.73	36,300	3970	.48	.62	.75	33,600	4360	.49	.64	.79
	1400	42,100	3380	.48	.62	.75	39,500	3660	.49	.63	.78	36,800	4000	.50	.66	.81	34,000	4390	.52	.68	.85

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

HS18-411-413 WITH C16-41FF OR C16-41WFF 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)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	35,400	3130	.76	.87	.98	33,400	3360	.78	.90	1.00	31,400	3570	.80	.93	1.00	29,400	3740	.83	.97	1.00
	1200	36,600	3180	.81	.94	1.00	34,600	3410	.83	.96	1.00	32,200	3620	.86	1.00	1.00	30,400	3810	.89	1.00	1.00
	1400	37,600	3220	.85	.99	1.00	35,500	3460	.88	1.00	1.00	33,600	3690	.91	1.00	1.00	31,600	3890	.95	1.00	1.00
67	1000	37,800	3230	.60	.71	.81	35,700	3470	.61	.72	.84	33,500	3680	.62	.75	.86	31,200	3860	.64	.77	.90
	1200	38,900	3270	.63	.75	.87	36,600	3510	.64	.77	.90	34,300	3730	.66	.80	.93	32,000	3910	.68	.83	.97
	1400	39,900	3310	.66	.79	.93	37,500	3550	.67	.82	.96	35,000	3810	.69	.85	.99	33,400	4000	.72	.90	1.00
71	1000	40,500	3340	.45	.55	.65	38,200	3590	.46	.56	.67	35,900	3810	.46	.58	.69	33,400	4000	.47	.59	.72
	1200	41,500	3380	.46	.58	.70	39,100	3630	.47	.59	.72	36,600	3850	.48	.61	.74	34,100	4040	.49	.63	.77
	1400	42,200	3410	.48	.61	.74	39,700	3660	.49	.63	.76	37,200	3880	.50	.65	.79	34,500	4070	.51	.67	.83

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

HS18-411-413 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)	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)								
														Dry Bulb (°F)							
76	80	84	76	80	84	76	80	84	76	80	84										
63	1000	36,100	3180	.76	.88	.99	34,000	3410	.79	.91	1.00	31,800	3690	.81	.94	1.00	29,600	4030	.84	.98	1.00
	1250	37,600	3230	.83	.96	1.00	35,400	3480	.85	.99	1.00	33,200	3790	.88	1.00	1.00	31,100	4160	.92	1.00	1.00
	1500	38,600	3280	.89	1.00	1.00	36,700	3550	.92	1.00	1.00	34,600	3890	.95	1.00	1.00	32,400	4320	.99	1.00	1.00
67	1000	38,500	3270	.60	.71	.82	36,300	3530	.61	.73	.84	33,800	3830	.63	.75	.87	31,400	4190	.65	.78	.91
	1250	39,800	3320	.64	.77	.89	37,400	3580	.65	.79	.92	34,900	3900	.68	.82	.96	32,300	4270	.70	.86	1.00
	1500	40,700	3350	.68	.83	.97	38,200	3620	.70	.86	1.00	35,600	3940	.72	.89	1.00	32,900	4330	.75	.93	1.00
71	1000	41,200	3370	.45	.56	.66	38,800	3650	.46	.57	.68	36,200	3980	.47	.58	.70	33,500	4370	.47	.60	.73
	1250	42,400	3420	.47	.59	.71	39,800	3700	.48	.61	.74	37,100	4040	.49	.63	.77	34,300	4440	.50	.65	.80
	1500	43,200	3450	.49	.63	.77	40,500	3740	.50	.65	.80	37,700	4080	.51	.67	.83	34,800	4490	.53	.70	.87

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, page 9.

HS18-411-413 WITH C16-46FF OR C16-46WFF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1000	35,800	3150	.76	.87	.98	33,900	3380	.78	.90	1.00	31,800	3590	.80	.93	1.00	29,700	3760	.83	.96	1.00
	1250	37,400	3210	.82	.95	1.00	35,300	3450	.84	.98	1.00	33,100	3660	.87	1.00	1.00	31,100	3860	.91	1.00	1.00
	1500	38,500	3260	.88	1.00	1.00	36,600	3510	.91	1.00	1.00	34,600	3740	.94	1.00	1.00	32,500	3940	.98	1.00	1.00
67	1000	38,400	3250	.60	.70	.81	36,200	3490	.61	.72	.83	33,900	3710	.62	.74	.86	31,600	3890	.64	.77	.90
	1250	39,600	3300	.63	.76	.88	37,300	3550	.65	.78	.91	34,900	3760	.67	.81	.95	32,500	3940	.69	.84	.99
	1500	40,500	3340	.67	.82	.96	38,100	3580	.69	.84	.99	35,700	3800	.71	.88	1.00	33,200	3990	.74	.91	1.00
71	1000	41,100	3360	.45	.55	.65	38,800	3610	.46	.56	.67	36,300	3840	.46	.58	.69	33,800	4020	.47	.59	.72
	1250	42,300	3410	.47	.59	.71	39,800	3660	.47	.60	.73	37,200	3880	.48	.62	.75	34,600	4070	.49	.64	.79
	1500	43,100	3440	.49	.62	.76	40,500	3690	.49	.64	.79	37,900	3920	.51	.66	.82	35,200	4100	.52	.69	.85

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

HS18-411-413 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1000	36,000	3180	.75	.87	.97	34,000	3410	.77	.89	1.00	31,800	3690	.80	.92	1.00	29,500	4030	.83	.96	1.00
	1250	37,500	3230	.81	.94	1.00	35,400	3480	.83	.97	1.00	33,000	3770	.86	1.00	1.00	30,900	4150	.90	1.00	1.00
	1500	38,600	3270	.86	1.00	1.00	36,600	3540	.89	1.00	1.00	34,400	3870	.93	1.00	1.00	32,200	4260	.97	1.00	1.00
67	1000	38,700	3280	.59	.70	.80	36,400	3530	.61	.72	.83	34,000	3840	.62	.74	.86	31,500	4190	.64	.77	.89
	1250	39,900	3330	.63	.75	.87	37,500	3590	.64	.78	.90	35,000	3900	.66	.80	.94	32,400	4270	.69	.84	.99
	1500	40,800	3360	.66	.80	.94	38,300	3630	.68	.83	.98	35,700	3950	.70	.87	1.00	33,000	4330	.73	.91	1.00
71	1000	41,400	3380	.45	.55	.65	38,900	3660	.46	.56	.66	36,300	3990	.46	.57	.69	33,600	4390	.47	.59	.71
	1250	42,600	3430	.47	.58	.70	40,000	3720	.47	.60	.72	37,300	4060	.48	.61	.75	34,500	4460	.49	.64	.78
	1500	43,500	3460	.48	.62	.75	40,700	3750	.49	.63	.78	37,900	4100	.50	.66	.81	35,000	4510	.52	.68	.85

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

HS18-411-413 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	800	33,600	2880	.73	.82	.91	32,000	3060	.74	.84	.93	30,300	3260	.76	.86	.96	28,400	3500	.78	.89	.98
	1025	35,800	2970	.77	.89	.98	34,100	3150	.79	.91	1.00	32,100	3370	.81	.93	1.00	30,200	3610	.84	.96	1.00
	1250	37,400	3040	.82	.94	1.00	35,500	3230	.84	.96	1.00	33,600	3450	.87	.98	1.00	31,600	3700	.90	1.00	1.00
67	800	35,700	2960	.58	.68	.76	34,000	3150	.59	.69	.78	32,200	3370	.60	.70	.80	30,200	3620	.61	.72	.83
	1025	37,900	3060	.61	.72	.83	36,000	3250	.63	.74	.85	34,000	3470	.64	.76	.87	31,900	3710	.65	.78	.90
	1250	39,500	3120	.65	.77	.88	37,400	3330	.66	.79	.91	35,300	3550	.68	.81	.93	32,900	3780	.70	.84	.96
71	800	37,700	3050	.45	.54	.63	35,900	3250	.46	.55	.64	34,000	3470	.46	.56	.65	32,000	3720	.46	.57	.67
	1025	40,000	3160	.46	.57	.67	38,000	3360	.47	.58	.69	36,000	3580	.48	.59	.70	33,700	3810	.48	.61	.73
	1250	41,700	3240	.48	.60	.71	39,500	3440	.49	.61	.73	37,300	3650	.49	.63	.76	34,800	3870	.50	.65	.78

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

HS18-411-413 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	900	33,300	2980	.74	.85	.94	31,600	3160	.76	.87	.97	29,900	3380	.77	.89	.99	28,100	3630	.80	.92	1.00
	1125	35,100	3060	.79	.91	1.00	33,300	3250	.81	.93	1.00	31,500	3470	.84	.96	1.00	29,600	3730	.86	.98	1.00
	1350	36,500	3120	.84	.96	1.00	34,700	3320	.86	.98	1.00	32,900	3550	.89	1.00	1.00	30,900	3810	.92	1.00	1.00
67	900	35,400	3070	.59	.69	.78	33,600	3270	.60	.70	.80	31,800	3490	.61	.72	.83	29,800	3740	.63	.74	.86
	1125	37,200	3150	.62	.73	.85	35,200	3350	.63	.75	.87	33,300	3580	.65	.77	.90	31,100	3820	.67	.80	.93
	1350	38,400	3220	.65	.78	.90	36,400	3420	.67	.80	.93	34,200	3640	.68	.83	.95	31,900	3870	.71	.86	.98
71	900	37,300	3160	.45	.55	.64	35,500	3370	.46	.56	.65	33,600	3600	.46	.57	.67	31,600	3840	.47	.58	.69
	1125	39,200	3260	.47	.58	.68	37,200	3470	.47	.59	.70	35,100	3690	.48	.60	.72	32,900	3920	.49	.62	.74
	1350	40,600	3340	.48	.61	.72	38,400	3540	.49	.62	.74	36,200	3750	.50	.64	.77	33,800	3960	.51	.66	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, Page 9.

HS18-411-413 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1000	36,300	3220	.76	.87	.98	34,200	3460	.78	.90	1.00	31,900	3750	.80	.93	1.00	29,700	4090	.83	.97	1.00
	1250	37,900	3280	.82	.95	1.00	35,600	3530	.84	.98	1.00	33,300	3840	.88	1.00	1.00	31,200	4220	.91	1.00	1.00
	1500	39,100	3330	.88	1.00	1.00	37,000	3600	.91	1.00	1.00	34,800	3940	.95	1.00	1.00	32,500	4340	.99	1.00	1.00
67	1000	39,100	3330	.60	.69	.81	36,600	3580	.61	.72	.83	34,100	3890	.62	.75	.86	31,600	4250	.64	.77	.90
	1250	40,200	3370	.63	.76	.88	37,700	3640	.65	.78	.92	35,100	3960	.67	.81	.95	32,500	4330	.69	.85	1.00
	1500	41,100	3400	.67	.82	.96	38,500	3680	.69	.85	.99	35,900	4010	.72	.88	1.00	33,100	4400	.75	.93	1.00
71	1000	41,600	3420	.45	.55	.65	39,100	3710	.46	.56	.67	36,500	4050	.46	.58	.69	33,700	4450	.47	.60	.72
	1250	42,900	3470	.47	.59	.71	40,200	3760	.48	.60	.73	37,400	4110	.48	.62	.76	34,500	4520	.50	.65	.79
	1500	43,700	3510	.49	.62	.76	40,900	3800	.50	.64	.79	38,000	4160	.51	.67	.82	35,100	4570	.52	.69	.86

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

HS18-411-413 WITH CH16-51FF 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1000	36,900	3190	.76	.87	.98	34,800	3430	.78	.90	1.00	32,600	3630	.80	.93	1.00	30,400	3810	.83	.97	1.00
	1250	38,300	3250	.82	.95	1.00	36,200	3490	.84	.98	1.00	33,900	3710	.87	1.00	1.00	31,900	3900	.91	1.00	1.00
	1500	39,500	3300	.88	1.00	1.00	37,500	3550	.91	1.00	1.00	35,400	3790	.94	1.00	1.00	33,200	3990	.98	1.00	1.00
67	1000	39,500	3300	.60	.70	.81	37,200	3540	.61	.72	.83	34,800	3760	.62	.74	.86	32,400	3940	.64	.77	.90
	1250	40,800	3350	.63	.76	.88	38,300	3590	.65	.78	.91	35,800	3810	.67	.81	.95	33,300	3990	.69	.85	.99
	1500	41,600	3380	.67	.82	.96	39,100	3630	.69	.84	.99	36,500	3850	.71	.88	1.00	33,900	4030	.74	.92	1.00
71	1000	42,300	3410	.45	.55	.65	39,900	3660	.46	.56	.67	37,300	3890	.46	.58	.69	34,700	4070	.47	.59	.72
	1250	43,500	3460	.47	.59	.71	40,900	3710	.48	.60	.73	38,200	3940	.48	.62	.76	35,500	4120	.50	.64	.79
	1500	44,300	3490	.49	.62	.76	41,600	3740	.49	.64	.79	38,800	3970	.51	.66	.82	36,000	4150	.52	.69	.86

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

HS18-411-413 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	900	35,800	2970	.74	.84	.94	34,000	3150	.75	.86	.97	32,000	3360	.77	.89	.99	30,100	3610	.80	.92	1.00
	1125	37,800	3050	.79	.91	1.00	35,800	3240	.81	.93	1.00	33,800	3460	.84	.96	1.00	31,800	3710	.87	.99	1.00
	1350	39,100	3110	.84	.97	1.00	37,300	3320	.87	.99	1.00	35,200	3550	.89	1.00	1.00	33,300	3790	.93	1.00	1.00
67	900	37,900	3060	.59	.69	.78	36,000	3250	.60	.70	.80	34,000	3470	.61	.72	.83	31,900	3720	.62	.74	.85
	1125	39,800	3150	.62	.73	.85	37,800	3350	.63	.75	.87	35,700	3570	.65	.77	.90	33,300	3790	.66	.80	.93
	1350	41,300	3230	.65	.78	.91	39,100	3420	.67	.80	.93	36,700	3630	.69	.83	.96	34,400	3840	.71	.87	.99
71	900	40,000	3160	.45	.55	.64	38,100	3360	.45	.55	.65	36,000	3580	.46	.56	.67	33,700	3810	.46	.58	.69
	1125	42,100	3270	.46	.58	.68	39,900	3460	.47	.59	.70	37,700	3670	.48	.60	.72	35,200	3880	.48	.62	.74
	1350	43,600	3340	.48	.61	.73	41,100	3520	.49	.62	.75	38,700	3720	.50	.64	.77	36,000	3930	.51	.66	.80

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

HS18-411-413 WITH C14-41FF 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1000	37,900	3230	.76	.87	.98	35,600	3470	.78	.90	1.00	33,400	3680	.80	.93	1.00	31,100	3850	.83	.97	1.00
	1250	39,400	3300	.82	.95	1.00	37,200	3530	.85	.99	1.00	34,900	3760	.88	1.00	1.00	32,800	3960	.92	1.00	1.00
	1500	40,800	3350	.89	1.00	1.00	38,700	3610	.92	1.00	1.00	36,500	3850	.95	1.00	1.00	34,200	4040	.99	1.00	1.00
67	1000	40,600	3340	.60	.70	.81	38,100	3580	.61	.72	.83	35,600	3800	.62	.75	.86	33,100	3980	.64	.77	.90
	1250	41,900	3390	.64	.76	.89	39,300	3640	.65	.79	.92	36,700	3860	.67	.82	.96	34,100	4040	.70	.85	1.00
	1500	42,800	3430	.68	.82	.97	40,200	3680	.70	.85	1.00	37,500	3900	.72	.89	1.00	34,800	4080	.75	.93	1.00
71	1000	43,400	3450	.45	.55	.65	40,800	3710	.46	.56	.67	38,100	3930	.46	.58	.69	35,400	4120	.47	.59	.72
	1250	44,600	3500	.47	.59	.71	41,900	3760	.48	.61	.73	39,100	3980	.49	.62	.76	36,300	4170	.50	.65	.79
	1500	45,500	3530	.49	.63	.77	42,700	3790	.50	.65	.80	39,700	4010	.51	.67	.83	36,800	4200	.52	.70	.87

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.

HS18-411-413 WITH CB15-41FF 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1000	37,500	3230	.76	.88	.98	35,300	3480	.78	.90	1.00	33,000	3770	.81	.94	1.00	30,600	4120	.84	.98	1.00
	1250	39,000	3290	.82	.96	1.00	36,800	3550	.85	.99	1.00	34,400	3870	.88	1.00	1.00	32,200	4260	.92	1.00	1.00
	1500	40,300	3340	.88	1.00	1.00	38,200	3620	.92	1.00	1.00	35,900	3960	.95	1.00	1.00	33,500	4370	.99	1.00	1.00
67	1000	40,200	3340	.60	.71	.81	37,800	3600	.61	.73	.84	35,200	3920	.63	.75	.87	32,500	4290	.65	.78	.91
	1250	41,500	3380	.64	.76	.89	38,900	3660	.65	.79	.92	36,200	3980	.67	.82	.96	33,400	4370	.70	.86	1.00
	1500	42,300	3420	.68	.82	.96	39,700	3700	.70	.85	1.00	36,900	4030	.72	.89	1.00	34,000	4430	.75	.93	1.00
71	1000	43,000	3440	.45	.55	.65	40,400	3730	.46	.57	.67	37,600	4080	.46	.58	.70	34,700	4490	.47	.60	.72
	1250	44,200	3490	.47	.59	.71	41,400	3790	.48	.61	.73	38,500	4140	.49	.63	.76	35,500	4550	.50	.65	.80
	1500	45,000	3520	.49	.63	.77	42,100	3820	.50	.65	.80	39,100	4180	.51	.67	.83	36,000	4600	.53	.70	.87

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

HS18-461-463 WITH 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1200	41,000	3790	.77	.88	.99	38,700	4070	.79	.91	1.00	36,300	4400	.81	.94	1.00	33,900	4800	.84	.98	1.00
	1500	42,700	3860	.83	.96	1.00	40,300	4150	.85	.99	1.00	37,800	4500	.88	1.00	1.00	35,500	4960	.92	1.00	1.00
	1800	44,000	3910	.88	1.00	1.00	41,800	4230	.91	1.00	1.00	39,400	4620	.95	1.00	1.00	36,900	5090	.99	1.00	1.00
67	1200	43,800	3910	.60	.71	.82	41,300	4210	.61	.73	.84	38,600	4570	.63	.75	.88	35,900	4990	.65	.78	.91
	1500	45,100	3970	.64	.77	.89	42,500	4280	.65	.79	.92	39,700	4650	.67	.82	.96	36,800	5090	.70	.86	1.00
	1800	46,100	4010	.68	.82	.96	43,400	4320	.69	.85	1.00	40,500	4710	.72	.89	1.00	37,500	5160	.75	.93	1.00
71	1200	46,800	4040	.45	.56	.66	44,100	4370	.46	.57	.68	41,200	4760	.47	.58	.70	38,200	5220	.47	.60	.73
	1500	48,100	4090	.47	.59	.71	45,300	4430	.48	.61	.74	42,200	4830	.49	.63	.76	39,100	5310	.50	.65	.80
	1800	49,000	4130	.49	.63	.77	46,000	4470	.50	.65	.79	42,900	4880	.51	.67	.83	39,600	5360	.52	.70	.87

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

HS18-461-463 WITH C16-41FF OR C16-41WFF 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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1000	39,600	3750	.73	.83	.93	37,500	4010	.74	.85	.95	35,300	4240	.76	.88	.98	33,000	4440	.79	.91	1.00
	1250	41,300	3830	.78	.89	1.00	39,100	4100	.80	.92	1.00	36,800	4340	.82	.95	1.00	34,400	4540	.85	.99	1.00
	1500	42,700	3890	.82	.96	1.00	40,400	4160	.85	.99	1.00	37,900	4410	.88	1.00	1.00	35,700	4630	.91	1.00	1.00
67	1000	42,500	3880	.58	.67	.77	40,200	4150	.59	.69	.79	37,800	4400	.60	.71	.81	35,300	4600	.61	.73	.84
	1250	44,100	3950	.61	.72	.83	41,600	4230	.62	.74	.85	39,000	4480	.63	.76	.88	36,400	4680	.65	.79	.92
	1500	45,200	4000	.64	.77	.89	42,600	4280	.65	.79	.92	39,900	4530	.67	.82	.96	37,200	4740	.69	.85	.99
71	1000	45,600	4020	.45	.53	.62	43,100	4300	.45	.54	.64	40,500	4560	.45	.55	.65	37,800	4780	.46	.57	.67
	1250	47,200	4080	.46	.56	.67	44,500	4380	.46	.57	.69	41,700	4630	.47	.59	.71	38,800	4850	.48	.61	.73
	1500	48,200	4130	.47	.59	.71	45,400	4420	.48	.61	.73	42,500	4680	.49	.62	.76	39,500	4890	.50	.64	.79

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

HS18-461-463 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1200	41,700	3820	.77	.89	.99	39,300	4100	.79	.91	1.00	36,900	4440	.81	.94	1.00	34,300	4850	.85	.98	1.00
	1500	43,400	3890	.83	.96	1.00	41,300	4180	.86	.99	1.00	38,500	4550	.89	1.00	1.00	36,000	5010	.93	1.00	1.00
	1800	44,800	3950	.89	1.00	1.00	42,500	4280	.92	1.00	1.00	40,000	4680	.96	1.00	1.00	37,500	5150	1.00	1.00	1.00
67	1200	44,500	3940	.60	.71	.82	41,900	4240	.62	.73	.85	39,100	4610	.63	.76	.88	36,300	5040	.65	.79	.92
	1500	45,900	4000	.64	.77	.90	43,100	4310	.66	.80	.93	40,300	4690	.68	.83	.97	37,300	5140	.70	.86	1.00
	1800	46,900	4040	.68	.83	.97	44,000	4360	.70	.86	1.00	41,100	4750	.72	.89	1.00	38,100	5210	.75	.94	1.00
71	1200	47,600	4070	.45	.56	.66	44,700	4400	.46	.57	.68	41,800	4800	.47	.59	.70	38,700	5270	.48	.60	.73
	1500	48,900	4120	.47	.60	.72	45,900	4470	.48	.61	.74	42,800	4880	.49	.63	.77	39,600	5360	.50	.65	.80
	1800	49,700	4160	.49	.63	.77	46,700	4510	.50	.65	.80	43,400	4930	.51	.67	.83	40,100	5410	.53	.70	.88

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, page 9.

HS18-461-463 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1000	39,900	3740	.73	.83	.93	37,700	4010	.75	.86	.96	35,300	4330	.77	.88	.99	32,900	4720	.79	.92	1.00
	1250	41,600	3810	.78	.90	1.00	39,300	4100	.80	.93	1.00	36,900	4440	.83	.96	1.00	34,200	4840	.86	1.00	1.00
	1500	43,000	3870	.83	.97	1.00	40,200	4160	.86	1.00	1.00	38,100	4530	.89	1.00	1.00	35,700	4990	.93	1.00	1.00
67	1000	42,800	3860	.58	.68	.77	40,400	4160	.59	.69	.79	37,800	4510	.60	.71	.82	35,100	4920	.62	.74	.85
	1250	44,300	3930	.61	.72	.84	41,800	4230	.62	.75	.86	39,100	4590	.64	.77	.90	36,200	5030	.66	.80	.94
	1500	45,400	3970	.64	.77	.90	42,700	4290	.66	.80	.93	39,900	4660	.68	.83	.97	37,000	5110	.70	.86	1.00
71	1000	45,800	3990	.45	.54	.63	43,200	4310	.45	.55	.64	40,400	4700	.45	.56	.66	37,600	5160	.46	.57	.68
	1250	47,300	4060	.46	.57	.67	44,500	4390	.46	.58	.69	41,600	4790	.47	.59	.72	38,500	5260	.48	.61	.74
	1500	48,400	4100	.47	.60	.72	45,500	4440	.48	.61	.74	42,400	4850	.49	.63	.77	39,200	5320	.50	.66	.81

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

HS18-461-463 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1050	39,900	3750	.72	.83	.93	37,800	4000	.73	.85	.96	35,800	4300	.75	.87	.98	33,600	4670	.78	.91	1.00
	1325	42,100	3840	.77	.89	.99	39,900	4110	.79	.92	1.00	37,700	4440	.82	.95	1.00	35,400	4830	.85	.98	1.00
	1600	43,800	3920	.82	.95	1.00	41,500	4200	.85	.97	1.00	39,100	4550	.88	1.00	1.00	36,900	4980	.91	1.00	1.00
67	1050	42,300	3850	.57	.67	.76	40,200	4130	.58	.68	.78	37,900	4450	.59	.70	.81	35,500	4840	.61	.72	.84
	1325	44,500	3950	.60	.71	.83	42,100	4230	.62	.73	.86	39,700	4580	.63	.75	.88	37,100	4990	.65	.78	.92
	1600	46,000	4020	.63	.76	.89	43,500	4310	.65	.78	.92	40,900	4670	.67	.81	.95	38,200	5100	.69	.85	.98
71	1050	44,500	3960	.44	.53	.62	42,300	4250	.44	.54	.63	40,000	4600	.45	.55	.65	37,600	5040	.45	.56	.67
	1325	46,800	4060	.45	.56	.66	44,400	4370	.46	.57	.68	41,900	4740	.47	.59	.70	39,200	5190	.47	.60	.72
	1600	48,400	4130	.47	.59	.71	45,800	4450	.48	.60	.72	43,200	4840	.49	.62	.75	40,300	5300	.50	.64	.78

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

HS18-461-463 WITH C16-46FF OR C16-46WFF 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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1200	41,700	3840	.76	.88	.99	39,400	4110	.78	.90	1.00	37,000	4350	.81	.93	1.00	34,600	4550	.84	.97	1.00
	1450	43,100	3910	.81	.94	1.00	40,800	4180	.84	.97	1.00	38,200	4420	.87	1.00	1.00	35,900	4650	.90	1.00	1.00
	1700	44,100	3950	.86	1.00	1.00	41,900	4250	.89	1.00	1.00	39,600	4510	.92	1.00	1.00	37,300	4740	.96	1.00	1.00
67	1200	44,600	3970	.60	.71	.82	42,000	4250	.61	.73	.84	39,400	4500	.63	.75	.87	36,700	4700	.64	.78	.90
	1450	45,800	4020	.63	.76	.88	43,100	4300	.65	.78	.91	40,400	4560	.66	.81	.94	37,600	4760	.69	.84	.98
	1700	46,700	4060	.66	.80	.94	43,900	4350	.68	.83	.97	41,100	4600	.70	.86	1.00	38,200	4810	.73	.90	1.00
71	1200	47,700	4110	.45	.56	.66	44,900	4400	.46	.57	.67	42,100	4660	.46	.58	.70	39,200	4870	.47	.60	.72
	1450	48,800	4160	.47	.58	.70	46,000	4450	.47	.60	.72	43,000	4710	.48	.62	.75	39,900	4920	.49	.64	.78
	1700	49,600	4190	.48	.61	.75	46,700	4490	.49	.63	.77	43,600	4750	.50	.65	.80	40,500	4960	.51	.68	.84

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

HS18-461-463 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1200	41,700	3820	.76	.87	.98	39,300	4100	.78	.89	1.00	36,800	4440	.80	.93	1.00	34,300	4840	.83	.96	1.00
	1500	43,400	3890	.81	.94	1.00	40,900	4180	.84	.97	1.00	38,200	4530	.87	1.00	1.00	35,800	4990	.90	1.00	1.00
	1800	44,600	3940	.86	1.00	1.00	42,300	4270	.89	1.00	1.00	39,800	4660	.93	1.00	1.00	37,300	5130	.97	1.00	1.00
67	1200	44,700	3950	.59	.70	.81	42,100	4250	.61	.72	.83	39,300	4620	.62	.74	.86	36,500	5050	.64	.77	.90
	1500	46,100	4010	.63	.75	.87	43,400	4320	.64	.78	.91	40,400	4700	.66	.81	.94	37,400	5140	.69	.84	.99
	1800	47,100	4050	.66	.80	.94	44,300	4380	.68	.83	.98	41,200	4760	.70	.87	1.00	38,100	5220	.73	.91	1.00
71	1200	47,800	4080	.45	.55	.65	45,000	4420	.46	.56	.67	42,000	4820	.46	.58	.69	38,900	5290	.47	.59	.71
	1500	49,200	4140	.47	.58	.70	46,300	4490	.47	.60	.72	43,100	4900	.48	.62	.75	39,800	5380	.49	.64	.78
	1800	50,200	4180	.48	.62	.75	47,000	4530	.49	.63	.78	43,800	4950	.50	.66	.81	40,400	5440	.52	.68	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data, page 9.

HS18-461-463 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)			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)						
		76	80	84			76	80	84			76	80	84			76	80	84						
63	1200	42,900	3880	.76	.88	.98	40,400	4180	.78	.90	1.00	37,700	4530	.81	.94	1.00	35,000	4940	.84	.98	1.00				
	1450	44,400	3950	.81	.94	1.00	41,800	4250	.84	.97	1.00	39,000	4610	.87	1.00	1.00	36,500	5080	.91	1.00	1.00				
	1700	45,400	3990	.86	1.00	1.00	43,000	4330	.89	1.00	1.00	40,500	4730	.93	1.00	1.00	37,900	5220	.97	1.00	1.00				
67	1200	45,800	4010	.60	.71	.81	43,100	4330	.61	.73	.84	40,200	4710	.63	.75	.87	37,200	5150	.65	.78	.91				
	1450	47,100	4070	.63	.75	.88	44,200	4390	.65	.78	.91	41,200	4780	.67	.81	.95	38,000	5240	.69	.84	.99				
	1700	48,000	4110	.66	.80	.94	45,000	4440	.68	.83	.97	41,900	4840	.70	.86	1.00	38,700	5310	.73	.91	1.00				
71	1200	49,000	4150	.45	.55	.66	46,000	4490	.46	.57	.67	42,900	4910	.46	.58	.70	39,700	5400	.47	.60	.72				
	1450	50,200	4200	.47	.58	.70	47,100	4560	.47	.60	.72	43,800	4980	.48	.62	.75	40,400	5470	.49	.64	.79				
	1700	51,100	4240	.48	.61	.75	47,800	4600	.49	.63	.77	44,500	5030	.50	.65	.81	41,000	5530	.52	.68	.85				

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

HS18-461-463 WITH C16-51FF 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)			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)						
		76	80	84			76	80	84			76	80	84			76	80	84						
63	1200	42,500	3880	.76	.87	.98	40,100	4150	.78	.90	1.00	37,600	4390	.80	.93	1.00	35,100	4590	.83	.97	1.00				
	1450	43,900	3940	.81	.93	1.00	41,400	4210	.83	.96	1.00	38,600	4460	.86	1.00	1.00	36,400	4680	.89	1.00	1.00				
	1700	45,000	3990	.85	.99	1.00	42,400	4270	.88	1.00	1.00	40,100	4540	.91	1.00	1.00	37,600	4770	.95	1.00	1.00				
67	1200	45,600	4010	.60	.70	.81	42,900	4300	.61	.72	.83	40,200	4540	.62	.74	.86	37,400	4750	.64	.77	.90				
	1450	46,700	4060	.63	.75	.87	44,000	4350	.64	.77	.90	41,100	4600	.66	.80	.93	38,200	4800	.68	.83	.97				
	1700	47,600	4100	.65	.79	.92	44,700	4390	.67	.82	.96	41,800	4640	.69	.85	.99	38,800	4850	.72	.88	1.00				
71	1200	48,800	4160	.45	.55	.65	45,900	4450	.46	.56	.67	43,000	4710	.46	.58	.69	40,000	4920	.47	.59	.72				
	1450	50,000	4210	.46	.58	.69	46,900	4500	.47	.59	.72	43,900	4760	.48	.61	.74	40,700	4970	.49	.63	.77				
	1700	50,800	4240	.48	.61	.74	47,700	4540	.49	.62	.76	44,500	4800	.50	.64	.79	41,200	5010	.51	.67	.82				

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

HS18-461-463 WITH CH16-51FF 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)			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)						
		76	80	84			76	80	84			76	80	84			76	80	84						
63	1200	43,000	3900	.76	.88	.99	40,500	4170	.78	.90	1.00	38,000	4410	.81	.94	1.00	35,500	4620	.84	.97	1.00				
	1400	44,100	3950	.80	.93	1.00	41,600	4230	.83	.96	1.00	39,200	4470	.85	.99	1.00	36,500	4690	.89	1.00	1.00				
	1600	45,200	3990	.84	.98	1.00	42,500	4270	.87	1.00	1.00	40,100	4540	.90	1.00	1.00	37,700	4770	.94	1.00	1.00				
67	1200	46,000	4030	.60	.71	.81	43,300	4310	.61	.73	.84	40,500	4570	.63	.75	.87	37,700	4770	.64	.78	.91				
	1400	47,000	4080	.62	.74	.86	44,200	4360	.64	.77	.89	41,300	4610	.66	.79	.93	38,400	4820	.68	.83	.97				
	1600	47,800	4110	.65	.78	.91	44,900	4400	.67	.81	.95	41,900	4650	.69	.84	.98	38,900	4860	.71	.87	1.00				
71	1200	49,200	4170	.45	.55	.66	46,400	4470	.46	.57	.67	43,300	4730	.46	.58	.70	40,300	4940	.47	.60	.72				
	1400	50,200	4220	.46	.58	.69	47,200	4510	.47	.59	.71	44,100	4770	.48	.61	.74	40,900	4980	.49	.63	.77				
	1600	50,900	4250	.47	.60	.73	47,800	4540	.48	.62	.75	44,600	4800	.49	.64	.78	41,300	5020	.50	.66	.82				

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

HS18-461-463 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)			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)						
		76	80	84			76	80	84			76	80	84			76	80	84						
63	1050	41,900	3860	.71	.82	.93	39,700	4120	.72	.84	.96	37,400	4440	.74	.87	.98	35,100	4810	.77	.90	1.00				
	1325	44,200	3960	.76	.89	1.00	41,900	4240	.78	.92	1.00	39,300	4580	.81	.96	1.00	36,900	5000	.85	.99	1.00				
	1600	45,900	4030	.82	.96	1.00	43,500	4340	.85	.99	1.00	41,000	4710	.88	1.00	1.00	38,800	5160	.91	1.00	1.00				
67	1050	44,300	3960	.56	.66	.75	42,100	4250	.57	.67	.77	39,700	4590	.58	.69	.80	37,100	5010	.60	.71	.83				
	1325	46,600	4070	.59	.70	.82	44,200	4370	.61	.72	.85	41,600	4730	.62	.75	.88	38,800	5170	.64	.78	.92				
	1600	48,200	4140	.63	.75	.89	45,600	4450	.64	.78	.92	42,800	4830	.66	.81	.96	39,900	5280	.68	.85	.99				
71	1050	46,700	4070	.43	.52	.61	44,400	4380	.44	.53	.62	41,900	4760	.44	.54	.64	39,200	5200	.45	.55	.66				
	1325	49,100	4180	.44	.55	.66	46,500	4500	.45	.56	.67	43,800	4900	.46	.58	.69	40,900	5370	.47	.59	.71				
	1600	50,700	4250	.46	.58	.70	48,000	4590	.47	.60	.72	44,900	4990	.48	.61	.75	41,900	5470	.49	.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.

HS18-461-463 WITH C14-41FF 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1200	44,300	3960	.76	.88	.99	41,800	4240	.78	.91	1.00	39,100	4480	.81	.94	1.00	36,400	4680	.84	.98	1.00
	1450	45,900	4030	.82	.95	1.00	43,200	4310	.84	.98	1.00	40,500	4560	.87	1.00	1.00	38,000	4790	.91	1.00	1.00
	1700	47,100	4080	.87	1.00	1.00	44,600	4380	.90	1.00	1.00	42,100	4660	.94	1.00	1.00	39,400	4890	.98	1.00	1.00
67	1200	47,400	4090	.60	.71	.82	44,600	4380	.61	.73	.84	41,700	4630	.63	.75	.87	38,700	4840	.65	.78	.91
	1450	48,700	4150	.63	.76	.88	45,700	4440	.65	.78	.91	42,700	4690	.67	.81	.95	39,600	4900	.69	.85	.99
	1700	49,600	4190	.67	.81	.95	46,600	4480	.69	.84	.98	43,400	4740	.71	.87	1.00	40,300	4940	.74	.91	1.00
71	1200	50,700	4240	.45	.56	.66	47,600	4530	.46	.57	.68	44,500	4800	.47	.58	.70	41,200	5010	.47	.60	.72
	1450	51,900	4290	.47	.59	.71	48,700	4590	.48	.60	.73	45,400	4850	.48	.62	.76	42,000	5060	.50	.64	.79
	1700	52,700	4330	.48	.62	.75	49,400	4620	.49	.64	.78	46,000	4890	.50	.66	.81	42,600	5090	.52	.69	.85

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

HS18-461-463 WITH CB15-46FF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1200	43,600	3900	.76	.88	.99	41,100	4200	.78	.91	1.00	38,400	4550	.81	.94	1.00	35,600	4970	.84	.98	1.00
	1500	45,300	3970	.83	.96	1.00	42,700	4280	.85	.99	1.00	39,900	4670	.88	1.00	1.00	37,400	5140	.92	1.00	1.00
	1800	46,900	4020	.89	1.00	1.00	44,500	4350	.92	1.00	1.00	41,800	4760	.95	1.00	1.00	39,000	5260	.99	1.00	1.00
67	1200	46,700	4030	.60	.71	.82	43,900	4350	.61	.73	.84	40,800	4740	.63	.75	.87	37,800	5180	.65	.78	.91
	1500	48,100	4090	.64	.77	.89	45,100	4420	.65	.79	.93	42,000	4810	.68	.82	.96	38,700	5280	.70	.86	1.00
	1800	49,100	4130	.68	.82	.97	46,000	4470	.70	.85	1.00	42,800	4870	.72	.89	1.00	39,500	5350	.75	.93	1.00
71	1200	49,900	4170	.45	.56	.66	46,900	4520	.46	.57	.68	43,600	4940	.47	.58	.70	40,300	5430	.47	.60	.73
	1500	51,200	4230	.47	.59	.71	48,000	4590	.48	.61	.74	44,600	5020	.49	.63	.77	41,100	5520	.50	.65	.80
	1800	52,100	4270	.49	.63	.77	48,800	4630	.50	.65	.80	45,300	5070	.51	.67	.83	41,700	5570	.53	.70	.87

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

HS18-511-513 WITH C16-46FF OR C16-46WFF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1300	47,000	4100	.75	.87	.97	44,600	4410	.77	.89	1.00	42,000	4700	.79	.92	1.00	39,400	4950	.82	.95	1.00
	1550	48,600	4150	.80	.92	1.00	46,000	4480	.82	.95	1.00	43,400	4770	.84	.98	1.00	40,600	5030	.87	1.00	1.00
	1800	50,000	4200	.84	.97	1.00	47,100	4520	.86	1.00	1.00	44,600	4840	.89	1.00	1.00	42,100	5120	.93	1.00	1.00
67	1300	50,400	4220	.59	.70	.80	47,700	4550	.60	.72	.82	44,900	4850	.62	.74	.85	41,900	5110	.63	.76	.88
	1550	51,800	4270	.62	.74	.86	48,900	4600	.63	.76	.88	46,000	4910	.65	.78	.91	42,900	5160	.67	.81	.95
	1800	52,800	4300	.65	.78	.91	49,900	4640	.66	.80	.94	46,800	4950	.68	.83	.97	43,700	5210	.70	.86	1.00
71	1300	54,100	4350	.45	.55	.65	51,100	4690	.45	.56	.66	48,100	5010	.46	.57	.68	44,900	5280	.47	.59	.70
	1550	55,400	4390	.46	.57	.69	52,300	4740	.47	.59	.71	49,100	5060	.48	.60	.73	45,800	5330	.48	.62	.75
	1800	56,400	4430	.47	.60	.72	53,200	4780	.48	.61	.75	49,900	5100	.49	.63	.77	46,500	5370	.50	.65	.80

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

HS18-511-513 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1400	47,900	4210	.77	.88	.99	45,200	4510	.79	.91	1.00	42,400	4880	.81	.94	1.00	39,500	5320	.84	.98	1.00
	1700	49,600	4270	.82	.95	1.00	46,900	4580	.84	.98	1.00	43,900	4970	.87	1.00	1.00	41,200	5450	.91	1.00	1.00
	2000	50,900	4310	.87	1.00	1.00	48,400	4660	.90	1.00	1.00	45,700	5070	.93	1.00	1.00	42,800	5570	.98	1.00	1.00
67	1400	51,200	4320	.60	.71	.82	48,300	4650	.61	.73	.85	45,100	5040	.63	.76	.88	42,000	5500	.65	.78	.91
	1700	52,700	4370	.63	.76	.89	49,600	4710	.65	.79	.92	46,300	5110	.67	.81	.95	43,000	5590	.69	.85	.99
	2000	53,700	4410	.67	.81	.95	50,500	4750	.69	.84	.98	47,200	5160	.71	.87	1.00	43,800	5650	.74	.91	1.00
71	1400	54,900	4440	.45	.56	.66	51,700	4800	.46	.57	.68	48,300	5230	.47	.58	.70	44,900	5730	.47	.60	.73
	1700	56,200	4490	.47	.59	.71	52,900	4860	.48	.60	.73	49,400	5290	.48	.62	.76	45,800	5800	.50	.64	.79
	2000	57,200	4520	.48	.62	.75	53,700	4890	.49	.64	.78	50,200	5330	.50	.66	.81	46,400	5850	.52	.68	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, Page 9.

HS18-511-513 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1400	47,800	4150	.76	.88	.98	45,100	4450	.78	.90	1.00	42,400	4800	.80	.93	1.00	39,600	5220	.83	.97	1.00
	1700	49,400	4210	.81	.94	1.00	46,800	4510	.83	.97	1.00	43,700	4870	.86	1.00	1.00	41,100	5340	.89	1.00	1.00
	2000	51,000	4250	.85	.99	1.00	48,100	4570	.88	1.00	1.00	45,400	4970	.91	1.00	1.00	42,700	5450	.95	1.00	1.00
67	1400	51,300	4270	.60	.71	.81	48,400	4590	.61	.72	.84	45,300	4970	.62	.75	.86	42,200	5410	.64	.77	.90
	1700	52,700	4310	.63	.75	.87	49,600	4640	.64	.77	.90	46,400	5030	.66	.80	.93	43,200	5490	.68	.83	.97
	2000	53,800	4340	.66	.80	.93	50,700	4680	.67	.82	.96	47,500	5080	.69	.85	.99	44,200	5580	.72	.89	1.00
71	1400	54,900	4390	.45	.55	.65	51,800	4730	.46	.56	.67	48,500	5150	.46	.58	.69	45,100	5640	.47	.59	.72
	1700	56,300	4430	.46	.58	.70	53,000	4790	.47	.59	.72	49,600	5210	.48	.61	.74	46,100	5710	.49	.63	.77
	2000	57,300	4470	.48	.61	.74	54,000	4820	.49	.62	.76	50,400	5250	.50	.64	.79	46,700	5760	.51	.67	.83

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

HS18-511-513 WITH CH16-51FF 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1300	48,600	4150	.75	.86	.97	46,000	4480	.77	.89	1.00	43,300	4770	.79	.92	1.00	40,500	5020	.82	.95	1.00
	1550	50,200	4210	.79	.92	1.00	47,400	4540	.82	.95	1.00	44,700	4840	.84	.98	1.00	41,700	5100	.87	1.00	1.00
	1800	51,600	4250	.84	.97	1.00	48,600	4590	.86	1.00	1.00	46,000	4910	.89	1.00	1.00	43,400	5190	.93	1.00	1.00
67	1300	52,200	4280	.59	.70	.80	49,300	4620	.60	.71	.82	46,300	4920	.62	.73	.85	43,300	5180	.63	.76	.88
	1550	53,600	4330	.62	.74	.85	50,500	4670	.63	.76	.88	47,400	4980	.65	.78	.91	44,200	5240	.67	.81	.95
	1800	54,700	4370	.65	.78	.91	51,500	4710	.66	.80	.94	48,300	5020	.68	.83	.97	45,000	5290	.70	.86	1.00
71	1300	56,100	4420	.45	.55	.65	52,900	4770	.45	.56	.66	49,700	5090	.46	.57	.68	46,300	5360	.47	.59	.70
	1550	57,400	4460	.46	.57	.68	54,100	4820	.47	.58	.70	50,700	5140	.47	.60	.73	47,200	5410	.48	.62	.75
	1800	58,400	4500	.47	.60	.72	55,000	4860	.48	.61	.75	51,600	5180	.49	.63	.77	47,900	5450	.50	.65	.80

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

HS18-511-513 WITH C16-51FF 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1500	49,300	4180	.78	.90	1.00	46,600	4500	.80	.93	1.00	43,900	4800	.83	.96	1.00	41,200	5050	.86	.99	1.00
	1800	50,700	4230	.83	.96	1.00	48,000	4560	.85	.99	1.00	45,200	4870	.88	1.00	1.00	42,600	5150	.91	1.00	1.00
	2100	51,900	4270	.87	1.00	1.00	49,400	4620	.90	1.00	1.00	46,700	4950	.93	1.00	1.00	44,000	5230	.97	1.00	1.00
67	1500	52,800	4300	.61	.72	.84	49,800	4640	.62	.74	.86	46,700	4940	.64	.77	.89	43,600	5200	.66	.79	.93
	1800	53,900	4340	.64	.77	.90	50,800	4680	.66	.79	.92	47,500	4980	.68	.82	.95	44,300	5230	.70	.85	.98
	2100	54,900	4380	.67	.81	.95	51,800	4720	.68	.84	.98	48,500	5030	.71	.87	1.00	45,200	5300	.73	.90	1.00
71	1500	56,600	4440	.46	.56	.67	53,400	4790	.46	.58	.69	50,100	5110	.47	.59	.71	46,700	5380	.48	.61	.74
	1800	57,800	4480	.47	.59	.71	54,400	4830	.48	.60	.73	51,000	5150	.49	.62	.76	47,500	5430	.50	.64	.79
	2100	58,600	4510	.48	.62	.75	55,200	4860	.49	.63	.78	51,700	5190	.50	.65	.81	48,100	5460	.51	.68	.84

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

HS18-511-513 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)			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)		
		76	80	84			76	80	84			76	80	84			76	80	84		
63	1400	49,100	4270	.77	.89	1.00	46,300	4580	.79	.92	1.00	43,400	4960	.82	.95	1.00	40,400	5410	.85	.99	1.00
	1700	51,000	4330	.83	.96	1.00	47,600	4660	.86	1.00	1.00	45,100	5070	.89	1.00	1.00	42,300	5570	.93	1.00	1.00
	2000	52,600	4390	.89	1.00	1.00	49,900	4750	.92	1.00	1.00	47,000	5180	.95	1.00	1.00	44,000	5690	.99	1.00	1.00
67	1400	52,400	4380	.61	.72	.83	49,300	4720	.62	.74	.85	46,100	5130	.63	.76	.89	42,800	5600	.65	.79	.92
	1700	53,900	4430	.64	.77	.90	50,700	4780	.66	.80	.93	47,300	5200	.68	.83	.97	43,800	5690	.70	.86	1.00
	2000	55,000	4470	.68	.83	.97	51,700	4830	.70	.86	1.00	48,200	5250	.72	.89	1.00	44,700	5750	.75	.93	1.00
71	1400	56,000	4500	.46	.56	.67	52,700	4870	.46	.57	.68	49,200	5310	.47	.59	.71	45,600	5820	.48	.61	.74
	1700	57,400	4550	.47	.60	.72	53,900	4930	.48	.61	.74	50,200	5370	.49	.63	.77	46,500	5900	.50	.65	.80
	2000	58,400	4580	.49	.63	.77	54,800	4960	.50	.65	.80	51,000	5420	.51	.67	.83	47,100	5950	.53	.70	.87

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.

HS18-511-513 WITH C14-41FF 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1200	49,600	4220	.74	.84	.94	46,800	4520	.75	.87	.97	43,900	4880	.78	.89	1.00	40,800	5320	.80	.93	1.00
	1500	51,800	4290	.79	.91	1.00	48,800	4610	.81	.94	1.00	45,800	4980	.84	.98	1.00	42,600	5450	.88	1.00	1.00
	1800	53,500	4340	.85	.98	1.00	50,400	4670	.87	1.00	1.00	47,500	5090	.91	1.00	1.00	44,600	5590	.95	1.00	1.00
67	1200	53,300	4330	.58	.68	.78	50,200	4670	.59	.70	.80	47,000	5060	.61	.72	.83	43,700	5520	.62	.74	.86
	1500	55,200	4400	.62	.73	.85	51,900	4740	.63	.76	.88	48,500	5150	.65	.78	.91	45,000	5620	.67	.81	.95
	1800	56,500	4440	.65	.79	.92	53,100	4790	.67	.81	.95	49,600	5210	.69	.85	.99	45,900	5700	.72	.88	1.00
71	1200	57,200	4460	.45	.54	.63	53,900	4820	.45	.55	.65	49,600	5210	.46	.56	.67	46,700	5760	.46	.58	.69
	1500	59,000	4520	.46	.57	.68	55,500	4890	.47	.58	.70	51,700	5330	.47	.60	.73	47,900	5850	.48	.62	.76
	1800	60,200	4560	.48	.60	.73	56,500	4940	.48	.62	.76	52,700	5380	.49	.64	.79	48,700	5910	.51	.67	.82

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

HS18-511-513 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1400	50,100	4230	.77	.88	.99	47,200	4540	.79	.91	1.00	44,300	4910	.81	.94	1.00	41,300	5350	.84	.98	1.00
	1700	51,900	4290	.82	.95	1.00	49,000	4610	.85	.98	1.00	45,900	5000	.88	1.00	1.00	43,100	5490	.91	1.00	1.00
	2000	53,300	4340	.87	1.00	1.00	50,600	4680	.90	1.00	1.00	47,700	5100	.94	1.00	1.00	44,800	5610	.98	1.00	1.00
67	1400	53,500	4340	.60	.71	.82	50,400	4670	.61	.73	.85	47,200	5070	.63	.76	.88	43,800	5540	.65	.78	.91
	1700	55,300	4390	.64	.76	.88	52,000	4730	.65	.79	.92	48,700	5150	.67	.82	.96	45,200	5660	.69	.85	1.00
	2000	56,200	4430	.67	.81	.95	52,800	4780	.69	.84	.99	49,300	5190	.71	.87	1.00	45,700	5680	.74	.91	1.00
71	1400	57,300	4470	.45	.56	.66	54,000	4830	.46	.57	.68	50,500	5260	.47	.58	.70	46,800	5760	.48	.60	.73
	1700	58,800	4510	.47	.59	.71	55,200	4880	.48	.60	.73	51,600	5320	.49	.62	.76	47,800	5840	.50	.64	.79
	2000	59,800	4550	.48	.62	.76	56,100	4920	.49	.64	.78	52,400	5360	.50	.66	.81	48,400	5890	.52	.69	.85

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

HS18-511-513 WITH C16-65 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1500	50,200	4210	.78	.90	1.00	47,500	4540	.80	.93	1.00	44,600	4840	.83	.96	1.00	41,400	5090	.86	1.00	1.00
	1800	51,700	4270	.83	.96	1.00	49,000	4600	.85	.99	1.00	46,000	4910	.88	1.00	1.00	43,400	5190	.92	1.00	1.00
	2100	53,000	4310	.87	1.00	1.00	50,300	4660	.90	1.00	1.00	47,600	4990	.94	1.00	1.00	44,800	5270	.98	1.00	1.00
67	1500	53,800	4340	.61	.72	.84	50,700	4680	.62	.74	.86	47,500	4990	.64	.77	.89	44,300	5250	.66	.79	.93
	1800	55,000	4380	.64	.77	.90	51,800	4720	.65	.79	.93	48,600	5040	.67	.82	.96	45,300	5300	.70	.85	1.00
	2100	56,000	4410	.67	.81	.95	52,700	4760	.69	.84	.98	49,300	5070	.71	.87	1.00	45,900	5340	.73	.91	1.00
71	1500	57,600	4470	.46	.56	.67	54,300	4830	.46	.58	.69	51,000	5150	.47	.59	.71	47,400	5420	.48	.61	.74
	1800	58,900	4520	.47	.59	.71	55,400	4870	.48	.61	.74	51,900	5190	.49	.62	.76	48,200	5470	.50	.65	.79
	2100	59,700	4550	.48	.62	.76	56,200	4900	.49	.64	.78	52,600	5230	.50	.66	.81	48,900	5500	.52	.68	.85

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

HS18-511-513 WITH CB15-46FF 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1400	50,200	4230	.77	.89	1.00	47,300	4540	.79	.91	1.00	44,400	4910	.82	.95	1.00	41,300	5350	.85	.99	1.00
	1700	51,800	4290	.82	.95	1.00	49,000	4600	.85	.99	1.00	45,900	5000	.88	1.00	1.00	43,100	5490	.91	1.00	1.00
	2000	53,100	4330	.87	1.00	1.00	50,500	4680	.90	1.00	1.00	47,600	5100	.94	1.00	1.00	44,600	5600	.98	1.00	1.00
67	1400	53,700	4350	.60	.71	.82	50,600	4680	.62	.73	.85	47,300	5080	.63	.76	.88	43,900	5540	.65	.79	.92
	1700	55,300	4390	.64	.76	.88	52,100	4740	.65	.79	.92	48,700	5160	.67	.82	.96	45,200	5660	.69	.85	1.00
	2000	56,100	4430	.67	.81	.95	52,800	4770	.69	.84	.98	49,300	5190	.71	.87	1.00	45,700	5680	.74	.91	1.00
71	1400	57,500	4470	.45	.56	.66	54,100	4830	.46	.57	.68	50,600	5270	.47	.58	.70	46,900	5770	.48	.60	.73
	1700	58,900	4520	.47	.59	.71	55,300	4880	.48	.60	.73	51,700	5320	.49	.62	.76	47,800	5840	.50	.64	.79
	2000	59,800	4550	.48	.62	.75	56,200	4920	.49	.64	.78	52,400	5370	.50	.66	.81	48,400	5890	.52	.69	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data section, Page 9.

HS18-511-513 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1200	46,900	3790	.74	.84	.94	44,500	4050	.75	.86	.96	41,900	4360	.77	.89	.98	39,300	4730	.79	.91	1.00
	1500	49,500	3870	.79	.90	1.00	46,900	4140	.81	.93	1.00	44,100	4470	.83	.96	1.00	41,400	4870	.86	.98	1.00
	1800	51,400	3930	.83	.96	1.00	48,800	4210	.86	.98	1.00	46,000	4570	.89	1.00	1.00	43,400	5010	.92	1.00	1.00
67	1200	49,800	3880	.59	.68	.78	47,200	4160	.60	.70	.80	44,500	4490	.61	.72	.82	41,700	4890	.62	.74	.85
	1500	52,300	3960	.62	.73	.84	49,500	4250	.63	.75	.87	46,700	4600	.65	.77	.89	43,600	5020	.66	.80	.92
	1800	54,100	4010	.65	.78	.90	51,200	4310	.66	.80	.92	48,100	4680	.68	.82	.95	44,800	5110	.70	.86	.98
71	1200	52,600	3960	.45	.55	.64	49,900	4260	.45	.55	.65	47,100	4620	.46	.56	.66	44,200	5060	.47	.58	.68
	1500	55,200	4040	.46	.57	.68	52,400	4350	.47	.58	.69	49,300	4730	.48	.60	.72	46,100	5190	.48	.61	.74
	1800	57,100	4100	.48	.60	.72	54,000	4420	.49	.62	.74	50,800	4810	.50	.63	.76	47,500	5270	.51	.65	.79

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

HS18-511-513 WITH CH16-65V 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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1500	52,000	4270	.78	.90	1.00	49,100	4610	.80	.93	1.00	46,100	4910	.83	.96	1.00	42,800	5160	.86	1.00	1.00
	1800	53,800	4330	.83	.97	1.00	50,600	4670	.86	1.00	1.00	47,800	5000	.89	1.00	1.00	45,000	5290	.93	1.00	1.00
	2100	55,400	4400	.89	1.00	1.00	52,600	4760	.92	1.00	1.00	49,700	5090	.95	1.00	1.00	46,700	5380	.99	1.00	1.00
67	1500	55,600	4400	.61	.72	.84	52,400	4750	.62	.74	.86	49,000	5060	.64	.77	.90	45,600	5320	.66	.80	.93
	1800	57,100	4450	.64	.77	.90	53,700	4800	.66	.80	.93	50,200	5120	.68	.83	.97	46,700	5380	.70	.86	1.00
	2100	58,200	4490	.68	.82	.97	54,700	4840	.70	.85	1.00	51,100	5160	.72	.89	1.00	47,500	5430	.75	.93	1.00
71	1500	59,500	4540	.46	.56	.67	56,100	4900	.46	.58	.69	52,400	5220	.47	.59	.71	48,800	5500	.48	.61	.74
	1800	60,900	4590	.47	.60	.72	57,300	4950	.48	.61	.74	53,500	5270	.49	.63	.77	49,700	5550	.50	.65	.80
	2100	61,900	4620	.49	.63	.77	58,200	4980	.50	.65	.79	54,300	5310	.51	.67	.83	50,400	5580	.52	.69	.86

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

HS18-511-513 WITH CB15-65 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1500	51,800	4270	.78	.90	1.00	48,900	4600	.80	.93	1.00	45,900	4900	.83	.96	1.00	42,700	5150	.86	1.00	1.00
	1800	53,500	4320	.83	.97	1.00	50,100	4660	.86	1.00	1.00	47,500	4980	.89	1.00	1.00	44,700	5270	.92	1.00	1.00
	2100	54,800	4380	.88	1.00	1.00	52,100	4730	.91	1.00	1.00	49,200	5070	.94	1.00	1.00	46,200	5350	.99	1.00	1.00
67	1500	55,500	4400	.61	.72	.84	52,200	4740	.62	.74	.86	48,900	5050	.64	.77	.90	45,500	5310	.66	.80	.93
	1800	56,800	4440	.64	.77	.90	53,400	4790	.66	.80	.93	50,000	5100	.68	.83	.97	46,500	5370	.70	.86	1.00
	2100	57,800	4480	.67	.82	.96	54,300	4830	.69	.85	.99	50,800	5140	.71	.88	1.00	47,200	5410	.74	.92	1.00
71	1500	59,400	4540	.46	.56	.67	55,900	4890	.46	.58	.69	52,400	5220	.47	.59	.71	48,700	5490	.48	.61	.74
	1800	60,700	4580	.47	.59	.72	57,100	4940	.48	.61	.74	53,400	5260	.49	.63	.77	49,600	5540	.50	.65	.80
	2100	61,600	4610	.49	.62	.76	57,900	4970	.50	.64	.79	54,100	5300	.51	.66	.82	50,200	5570	.52	.69	.86

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

HS18-511-513 WITH C14-65 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)			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)		
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84							
63	1500	53,000	4310	.79	.91	1.00	49,900	4640	.81	.94	1.00	46,900	4950	.84	.97	1.00	43,700	5210	.87	1.00	1.00
	1800	54,800	4370	.84	.98	1.00	51,600	4710	.87	1.00	1.00	48,800	5050	.90	1.00	1.00	45,800	5330	.94	1.00	1.00
	2100	56,500	4430	.90	1.00	1.00	53,600	4800	.93	1.00	1.00	50,600	5130	.97	1.00	1.00	47,500	5420	1.00	1.00	1.00
67	1500	56,600	4440	.61	.73	.84	53,200	4780	.63	.75	.87	49,800	5100	.64	.78	.90	46,300	5360	.66	.81	.94
	1800	58,000	4480	.65	.78	.91	54,500	4830	.67	.81	.95	51,000	5150	.69	.84	.98	47,300	5420	.71	.88	1.00
	2100	59,000	4520	.69	.84	.98	55,500	4870	.71	.87	1.00	51,800	5190	.73	.90	1.00	48,200	5460	.76	.94	1.00
71	1500	60,500	4570	.46	.57	.68	56,900	4930	.46	.58	.70	53,200	5260	.47	.60	.72	49,400	5530	.48	.62	.75
	1800	61,800	4620	.48	.60	.73	58,100	4980	.48	.62	.75	54,200	5300	.49	.64	.78	50,300	5580	.50	.66	.81
	2100	62,700	4650	.49	.64	.78	58,900	5010	.50	.66	.81	54,900	5340	.51	.68	.84	51,000	5610	.53	.71	.88

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.

HS18-511-513 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1200	50,200	4080	.69	.79	.90	47,600	4370	.71	.82	.93	44,700	4710	.72	.84	.96	41,800	5130	.75	.88	1.00				
	1500	53,200	4170	.74	.86	.98	50,200	4480	.76	.89	1.00	47,200	4840	.78	.92	1.00	44,100	5290	.81	.96	1.00				
	1800	55,100	4230	.79	.93	1.00	52,000	4560	.81	.96	1.00	49,000	4940	.84	.99	1.00	46,000	5420	.88	1.00	1.00				
67	1200	53,200	4170	.56	.64	.73	50,400	4480	.57	.66	.75	47,600	4860	.57	.67	.77	44,500	5320	.59	.69	.81				
	1500	56,200	4260	.58	.68	.79	53,200	4590	.59	.70	.82	50,000	4990	.60	.72	.85	46,600	5470	.62	.75	.89				
	1800	58,300	4330	.61	.72	.85	55,000	4670	.62	.74	.88	51,700	5080	.64	.77	.92	48,000	5570	.65	.82	.96				
71	1200	55,800	4260	.43	.52	.60	53,000	4590	.43	.53	.61	50,000	5000	.44	.53	.62	46,900	5490	.44	.54	.64				
	1500	59,100	4350	.44	.54	.63	56,000	4710	.45	.55	.65	52,600	5130	.45	.56	.67	49,100	5640	.46	.58	.69				
	1800	61,200	4420	.45	.57	.67	57,800	4780	.46	.58	.69	54,300	5220	.47	.59	.71	50,500	5750	.48	.61	.74				

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

HS18-651-653 WITH CH16-51FF 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1500	55,700	5190	.75	.85	.96	53,000	5550	.76	.87	.98	50,400	5890	.78	.90	1.00	47,900	6220	.80	.92	1.00				
	1750	57,300	5280	.78	.90	1.00	54,500	5640	.80	.93	1.00	51,800	5990	.82	.95	1.00	49,300	6320	.84	.98	1.00				
	2000	58,600	5360	.82	.95	1.00	55,900	5720	.84	.97	1.00	52,900	6060	.86	1.00	1.00	50,600	6420	.89	1.00	1.00				
67	1500	59,700	5410	.59	.69	.79	56,800	5780	.60	.71	.81	53,900	6130	.61	.72	.83	51,200	6460	.62	.74	.86				
	1750	61,100	5490	.61	.73	.84	58,100	5850	.62	.74	.86	55,200	6210	.63	.76	.88	52,300	6540	.65	.78	.91				
	2000	62,200	5550	.63	.76	.88	59,100	5910	.65	.78	.91	56,100	6270	.66	.80	.94	53,200	6600	.68	.82	.97				
71	1500	63,900	5640	.45	.54	.64	60,900	6010	.45	.55	.65	57,900	6380	.46	.56	.67	55,000	6720	.46	.57	.68				
	1750	65,300	5710	.46	.57	.67	62,200	6090	.46	.58	.69	59,100	6450	.47	.59	.71	56,000	6780	.47	.60	.73				
	2000	66,400	5760	.47	.59	.71	63,100	6140	.47	.60	.72	59,900	6500	.48	.61	.74	56,800	6840	.49	.63	.77				

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

HS18-651-653 WITH C14-41FF 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1200	55,000	5140	.69	.78	.87	52,400	5450	.71	.80	.89	49,900	5740	.72	.82	.91	47,500	6010	.73	.83	.93				
	1600	58,500	5330	.75	.86	.96	55,700	5650	.76	.88	.98	52,900	5940	.78	.90	1.00	50,300	6210	.80	.92	1.00				
	2000	60,900	5460	.80	.93	1.00	58,000	5780	.82	.96	1.00	55,200	6080	.85	.98	1.00	52,300	6350	.87	1.00	1.00				
67	1200	59,300	5380	.56	.64	.73	56,500	5700	.57	.65	.74	53,900	6000	.57	.66	.75	51,200	6270	.58	.68	.77				
	1600	62,600	5550	.59	.69	.79	59,600	5870	.60	.71	.81	56,600	6170	.61	.72	.83	53,800	6440	.62	.74	.86				
	2000	64,700	5660	.62	.75	.87	61,600	5980	.64	.77	.89	58,500	6280	.65	.79	.92	55,500	6540	.67	.81	.94				
71	1200	63,800	5610	.44	.52	.59	60,900	5950	.44	.52	.60	58,000	6260	.44	.53	.61	55,300	6530	.45	.53	.62				
	1600	67,100	5780	.45	.55	.64	63,900	6110	.45	.55	.66	60,800	6420	.46	.56	.67	57,800	6690	.46	.57	.69				
	2000	69,100	5880	.46	.58	.69	65,800	6210	.47	.59	.71	62,500	6520	.48	.60	.73	59,400	6780	.48	.62	.75				

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

HS18-651-653 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1600	55,300	5090	.74	.84	.94	52,600	5390	.75	.86	.97	50,100	5690	.77	.88	.99	47,600	5950	.79	.91	1.00				
	2000	57,500	5210	.78	.90	1.00	54,800	5520	.80	.93	1.00	52,100	5820	.82	.95	1.00	49,600	6090	.84	.98	1.00				
	2400	59,200	5310	.83	.96	1.00	56,500	5620	.85	.99	1.00	53,700	5920	.87	1.00	1.00	51,400	6210	.90	1.00	1.00				
67	1600	59,300	5310	.58	.68	.78	56,500	5630	.59	.70	.80	53,800	5930	.60	.71	.82	51,200	6200	.61	.73	.84				
	2000	61,400	5420	.61	.73	.84	58,400	5740	.62	.74	.86	55,500	6040	.63	.76	.89	52,800	6300	.65	.78	.91				
	2400	62,800	5490	.64	.77	.90	59,700	5810	.65	.79	.92	56,800	6110	.67	.81	.95	54,000	6380	.68	.84	.98				
71	1600	63,600	5530	.45	.54	.63	60,700	5860	.45	.55	.64	57,800	6170	.45	.56	.66	55,100	6440	.46	.56	.67				
	2000	65,600	5640	.46	.57	.67	62,500	5970	.46	.58	.69	59,500	6270	.47	.59	.71	56,600	6540	.47	.60	.72				
	2400	67,000	5700	.47	.59	.72	63,800	6030	.48	.61	.73	60,700	6340	.48	.62	.75	57,700	6610	.49	.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.

HS18-651-653 WITH C16-51FF 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1700	56,100	5220	.77	.88	.99	53,400	5570	.78	.91	1.00	50,800	5920	.80	.93	1.00	48,300	6250	.82	.96	1.00				
	2000	57,500	5290	.80	.93	1.00	54,800	5660	.82	.96	1.00	52,200	6000	.85	.98	1.00	49,400	6330	.87	1.00	1.00				
	2300	58,900	5370	.84	.98	1.00	55,900	5720	.87	1.00	1.00	53,500	6100	.89	1.00	1.00	51,100	6460	.92	1.00	1.00				
67	1700	60,100	5430	.60	.71	.82	57,100	5800	.61	.73	.84	54,200	6150	.62	.74	.86	51,500	6480	.64	.76	.89				
	2000	61,300	5500	.62	.75	.87	58,200	5860	.64	.77	.89	55,300	6220	.65	.79	.92	52,500	6550	.67	.81	.95				
	2300	62,300	5550	.65	.78	.92	59,200	5920	.66	.81	.94	56,200	6280	.68	.83	.97	53,300	6600	.70	.85	1.00				
71	1700	64,200	5660	.45	.56	.66	61,200	6030	.46	.57	.67	58,200	6400	.46	.58	.69	55,200	6730	.47	.59	.71				
	2000	65,400	5720	.46	.58	.69	62,300	6090	.47	.59	.71	59,200	6460	.48	.60	.73	56,100	6790	.48	.62	.75				
	2300	66,500	5770	.48	.60	.73	63,200	6150	.48	.62	.75	60,000	6510	.49	.63	.77	56,900	6840	.50	.65	.79				

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

HS18-651-653 WITH C16-65 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1700	57,300	5280	.77	.88	.99	54,500	5640	.79	.91	1.00	51,800	5990	.80	.93	1.00	49,200	6320	.83	.96	1.00				
	2000	58,800	5360	.81	.93	1.00	55,900	5730	.83	.96	1.00	53,300	6080	.85	.99	1.00	50,500	6410	.87	1.00	1.00				
	2300	60,100	5430	.84	.98	1.00	57,000	5790	.87	1.00	1.00	54,500	6170	.89	1.00	1.00	52,100	6520	.92	1.00	1.00				
67	1700	61,300	5500	.60	.71	.82	58,300	5870	.61	.73	.84	55,300	6220	.62	.75	.87	52,500	6550	.64	.77	.89				
	2000	62,600	5570	.63	.75	.87	59,500	5930	.64	.77	.89	56,400	6290	.65	.79	.92	53,500	6620	.67	.81	.95				
	2300	63,600	5620	.65	.79	.92	60,400	5990	.66	.81	.94	57,300	6340	.68	.83	.97	54,300	6670	.70	.85	1.00				
71	1700	65,600	5720	.45	.56	.66	62,400	6100	.46	.57	.67	59,300	6470	.46	.58	.69	56,300	6800	.47	.59	.71				
	2000	66,800	5790	.46	.58	.70	63,600	6160	.47	.59	.71	60,300	6530	.48	.60	.73	57,200	6860	.48	.62	.75				
	2300	67,800	5840	.48	.60	.73	64,400	6210	.48	.62	.75	61,100	6570	.49	.63	.77	57,900	6910	.50	.65	.79				

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

HS18-651-653 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1700	58,600	5270	.76	.87	.98	55,700	5580	.78	.90	1.00	53,000	5870	.80	.92	1.00	50,300	6130	.82	.95	1.00				
	2000	60,300	5370	.81	.93	1.00	57,500	5680	.83	.96	1.00	54,700	5980	.85	.99	1.00	51,900	6230	.87	1.00	1.00				
	2300	62,000	5440	.85	.99	1.00	58,900	5760	.87	1.00	1.00	56,300	6080	.90	1.00	1.00	53,900	6360	.93	1.00	1.00				
67	1700	62,400	5480	.60	.71	.81	59,400	5790	.61	.72	.83	56,400	6090	.62	.74	.86	53,600	6340	.63	.76	.88				
	2000	64,000	5550	.63	.75	.87	60,800	5870	.64	.77	.89	57,800	6160	.65	.79	.92	54,800	6420	.67	.81	.95				
	2300	65,100	5610	.65	.79	.92	62,000	5930	.67	.81	.95	58,800	6230	.69	.84	.98	55,800	6480	.70	.86	1.00				
71	1700	66,700	5690	.45	.55	.66	63,600	6020	.46	.56	.67	60,500	6320	.46	.57	.69	57,400	6580	.47	.59	.70				
	2000	68,200	5760	.46	.58	.70	64,900	6090	.47	.59	.71	61,700	6380	.48	.60	.73	58,500	6640	.48	.62	.75				
	2300	69,200	5820	.48	.61	.74	65,900	6140	.48	.62	.76	62,600	6440	.49	.64	.78	59,400	6690	.50	.65	.80				

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

HS18-651-653 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1600	58,000	5260	.74	.85	.95	55,100	5570	.76	.87	.98	52,400	5860	.78	.89	1.00	49,800	6130	.79	.92	1.00				
	2000	60,300	5390	.80	.92	1.00	57,500	5710	.82	.95	1.00	54,700	6000	.84	.97	1.00	51,700	6260	.86	1.00	1.00				
	2400	62,300	5490	.85	.99	1.00	59,200	5810	.87	1.00	1.00	56,700	6130	.90	1.00	1.00	54,200	6420	.92	1.00	1.00				
67	1600	62,000	5480	.59	.69	.79	59,100	5800	.60	.70	.81	56,200	6100	.61	.72	.83	53,400	6360	.62	.74	.85				
	2000	64,200	5590	.62	.74	.86	61,100	5910	.63	.76	.88	58,000	6210	.64	.78	.90	55,100	6470	.66	.80	.93				
	2400	65,700	5670	.65	.79	.92	62,500	5990	.67	.81	.95	59,300	6290	.68	.83	.98	56,300	6550	.70	.86	1.00				
71	1600	66,400	5700	.45	.54	.64	63,300	6030	.45	.55	.65	60,300	6340	.46	.56	.67	57,400	6610	.46	.57	.68				
	2000	68,500	5810	.46	.57	.69	65,300	6140	.47	.58	.70	62,100	6440	.47	.60	.72	59,000	6710	.48	.61	.74				
	2400	69,900	5880	.48	.61	.74	66,600	6210	.48	.62	.75	63,300	6510	.49	.63	.78	60,100	6770	.50	.65	.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 bulb and dry bulb temperatures not shown in the tables, see Miscellaneous Engineering Data, page 9.

HS18-651-653 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1500	62,600	5500	.71	.81	.90	59,600	5880	.72	.82	.92	56,800	6260	.74	.84	.94	53,600	6620	.75	.87	.97				
	1875	65,900	5660	.75	.86	.97	62,800	6050	.77	.88	.99	59,500	6440	.79	.91	1.00	56,300	6830	.81	.93	1.00				
	2250	68,300	5770	.79	.92	1.00	65,000	6170	.81	.94	1.00	61,600	6580	.84	.97	1.00	58,300	6980	.87	.99	1.00				
67	1500	65,900	5660	.58	.66	.75	63,000	6060	.58	.67	.76	59,900	6470	.59	.69	.78	56,700	6860	.60	.70	.80				
	1875	69,500	5820	.60	.70	.80	66,100	6240	.61	.72	.82	62,700	6650	.62	.73	.84	59,400	7050	.63	.75	.87				
	2250	72,100	5930	.62	.74	.87	68,400	6360	.64	.76	.88	64,800	6780	.65	.78	.91	61,100	7190	.66	.80	.93				
71	1500	69,000	5810	.45	.54	.62	65,900	6230	.45	.54	.63	62,700	6660	.45	.55	.64	59,400	7080	.46	.56	.65				
	1875	72,800	5970	.46	.56	.65	69,400	6410	.46	.57	.67	65,900	6850	.47	.58	.68	62,200	7280	.48	.59	.70				
	2250	75,100	6080	.47	.58	.69	71,400	6530	.48	.59	.71	67,800	6980	.48	.61	.72	63,800	7420	.49	.62	.75				

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

HS18-651-653 WITH CH16-65V 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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1700	59,700	5420	.77	.89	1.00	56,800	5770	.79	.91	1.00	53,900	6130	.81	.94	1.00	51,100	6450	.83	.96	1.00				
	2000	61,500	5510	.81	.94	1.00	58,500	5870	.83	.97	1.00	55,100	6220	.86	1.00	1.00	52,800	6570	.88	1.00	1.00				
	2300	62,300	5580	.86	1.00	1.00	59,900	5960	.88	1.00	1.00	57,200	6340	.91	1.00	1.00	54,600	6690	.94	1.00	1.00				
67	1700	63,800	5630	.60	.71	.82	60,600	6000	.61	.73	.85	57,400	6350	.63	.75	.87	54,400	6680	.64	.77	.90				
	2000	65,200	5700	.63	.76	.88	61,900	6070	.64	.78	.90	58,700	6430	.66	.80	.93	55,600	6750	.67	.82	.96				
	2300	66,300	5760	.66	.80	.93	62,900	6130	.67	.82	.96	59,700	6490	.69	.85	.99	56,500	6820	.71	.87	1.00				
71	1700	68,000	5850	.45	.56	.66	64,700	6230	.46	.57	.68	61,400	6590	.46	.58	.70	58,200	6920	.47	.59	.71				
	2000	69,500	5920	.47	.59	.70	66,000	6300	.47	.60	.72	62,600	6660	.48	.61	.74	59,300	6990	.49	.63	.76				
	2300	70,500	5970	.48	.61	.74	67,000	6350	.49	.63	.76	63,500	6710	.49	.64	.79	60,100	7040	.50	.66	.81				

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

HS18-651-653 WITH C14-65 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1700	60,800	5480	.78	.89	1.00	57,800	5840	.79	.92	1.00	54,900	6190	.81	.94	1.00	52,000	6520	.84	.97	1.00				
	2000	62,600	5570	.82	.95	1.00	59,500	5930	.84	.98	1.00	56,400	6290	.87	1.00	1.00	53,900	6640	.89	1.00	1.00				
	2300	63,900	5640	.87	1.00	1.00	61,200	6030	.89	1.00	1.00	58,400	6410	.92	1.00	1.00	55,700	6760	.95	1.00	1.00				
67	1700	64,800	5690	.61	.72	.83	61,600	6050	.62	.74	.85	58,400	6410	.63	.76	.88	55,300	6740	.64	.78	.91				
	2000	66,200	5760	.64	.77	.89	62,900	6130	.65	.79	.92	59,600	6480	.67	.81	.94	56,400	6810	.68	.83	.98				
	2300	67,300	5810	.67	.81	.95	63,900	6180	.68	.83	.98	60,600	6540	.70	.86	1.00	57,300	6870	.72	.89	1.00				
71	1700	69,200	5910	.46	.56	.67	65,800	6290	.46	.57	.68	62,400	6650	.47	.58	.70	59,100	6980	.47	.60	.72				
	2000	70,500	5970	.47	.59	.71	67,000	6350	.48	.60	.73	63,500	6710	.48	.62	.75	60,100	7040	.49	.63	.77				
	2300	71,500	6020	.48	.62	.75	67,900	6400	.49	.63	.78	64,300	6760	.50	.65	.80	60,800	7090	.51	.67	.83				

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

HS18-651-653 WITH CB15-65 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)			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)						
76	80	84	76	80	84	76	80	84	76	80	84	76	80	84	76	80	84								
63	1700	59,400	5390	.77	.88	1.00	56,400	5750	.79	.91	1.00	53,600	6100	.81	.93	1.00	50,800	6430	.83	.96	1.00				
	2000	60,900	5480	.81	.94	1.00	57,900	5850	.83	.97	1.00	55,200	6190	.85	.99	1.00	52,300	6540	.88	1.00	1.00				
	2300	62,300	5550	.85	.99	1.00	59,200	5920	.87	1.00	1.00	56,500	6300	.90	1.00	1.00	54,000	6650	.93	1.00	1.00				
67	1700	63,400	5610	.60	.71	.82	60,300	5980	.61	.73	.84	57,200	6340	.63	.75	.87	54,200	6660	.64	.77	.89				
	2000	64,800	5680	.63	.75	.87	61,600	6050	.64	.77	.90	58,300	6410	.66	.79	.93	55,200	6730	.67	.82	.96				
	2300	65,800	5740	.65	.79	.92	62,500	6100	.67	.81	.95	59,200	6460	.68	.84	.98	56,100	6790	.70	.86	1.00				
71	1700	67,800	5840	.45	.56	.66	64,500	6220	.46	.57	.68	61,300	6580	.46	.58	.69	58,000	6910	.47	.59	.71				
	2000	69,100	5900	.47	.58	.70	65,700	6280	.47	.59	.72	62,300	6640	.48	.61	.74	59,000	6970	.48	.62	.76				
	2300	70,100	5950	.48	.61	.74	66,600	6330	.48	.62	.76	63,100	6690	.49	.64	.78	59,800	7020	.50	.65	.80				

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