LENNOX®

HS16 SERIES CONDENSING UNITS

(1-1/2 thru 5 Nominal Tons)

*18,900 to 65,000 Btuh Cooling Capacity

*DOE and ARI Standard 210 Ratings

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

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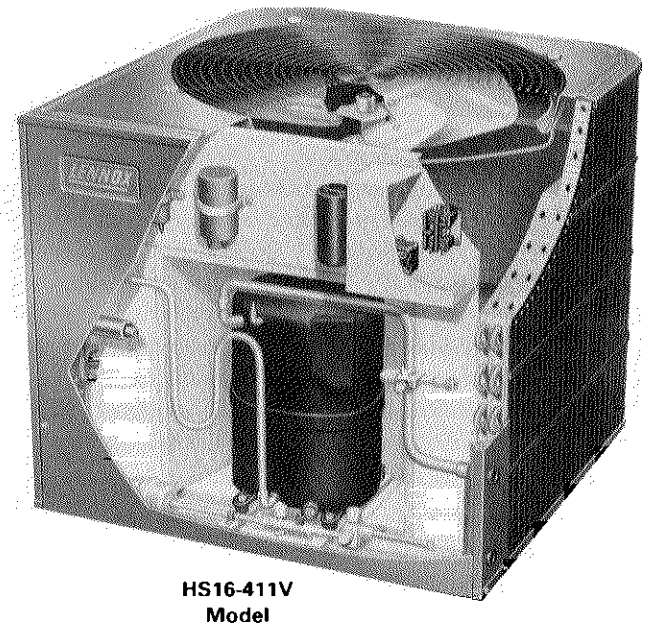
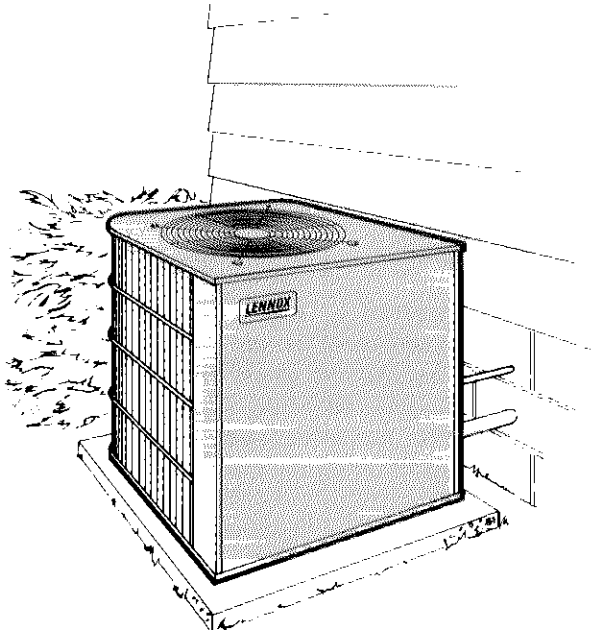
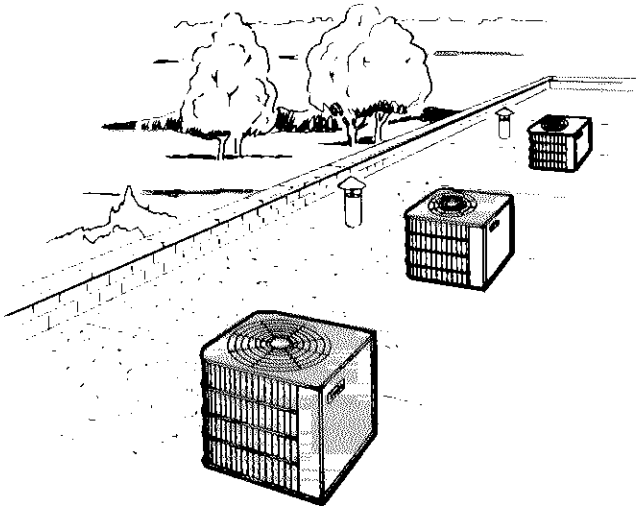


HS16-411V Model

Typical Applications



Unit on slab at ground level.



Mutiple units on rooftop.

Dependable HS16 Condensing Unit Line Offers High SEER Ratings With Low Operating Costs

HS16 Series condensing unit design features high efficiency, quality construction, sound engineering and dependable operation. The combination of coil circuiting, wrap-around "U" shaped coil and uniform condenser air distribution result in high seasonal energy efficiency ratios. Units are applicable to expansion valve systems and may be installed in multiples or singly in residential or commercial applications. Upward discharge of condenser air and low silhouette makes it easy to conceal the unit on a slab at grade level or behind a parapet on a roof. A large selection of matching blower powered and furnace add-on evaporator units are available to provide a variety of cooling capacities for selective sizing and installation versatility.

The rugged galvanized steel cabinet has a durable baked-on outdoor enamel finish for long lasting protection from varying climatic conditions. "U" configuration designed condenser coil provides extra large surface area and low air resistance for maximum cooling capacity. Dependable long life seamless copper tubing is used in coil construction. Powerful direct drive fan draws air through the condenser coil and discharges it vertically protecting lawn and shrubs from hot air. Rugged non-corrosive steel wire fan guard and coil guard are furnished. Thermostat is not furnished and must be ordered separately.

Condensing units are shipped completely factory assembled, piped and wired. In addition, each unit is test operated at the factory insuring proper start-up and operation. The installer has only to set the condensing unit in desired location, connect refrigerant lines and make electrical connections.

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

FEATURES

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

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, overload protected and equipped with internal pressure relief. A crankcase heater is furnished as standard equipment and ensures proper compressor lubrication at all times. Crankcase heater is temperature actuated to operate only when required. 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.

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

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

Refrigerant Line Connections, Electrical Inlets and Service Valves — Suction and liquid lines are stubbed inside the cabinet and are made with sweat connections. Brass service valves prevent corrosion and provide access to refrigerant system. Suction and liquid line service valves and gauge ports are located inside the cabinet. A thermometer well is located in the liquid line to check the refrigerant charge. Refrigerant line connections and field wiring inlets are all located in one central area of the cabinet. See dimension drawing.

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

High Pressure Switch — Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting. Protects compressor from excessive condensing pressure. Manual reset.

Start Controls — Furnished and factory installed. Provides assistance for compressor start under loaded conditions or in the event of low voltage.

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

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

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.

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.

Low Ambient Kit (Optional) — 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.

Mounting Base (Optional) — Rugged mounting base provides permanent foundation for condensing units. High density polyethylene structural material is lightweight, sturdy, sound absorbing and will withstand the rigors of the sun, heat, cold, moisture, oil and refrigerant. Will not mildew or rot. Can be shipped singly or in packages of 6 to a carton. Use MB1-32 (83C83) 32" x 34" x 3". Shipping weight 15 lbs.

Approvals — Condensing units have been tested in the Lennox Research Laboratory environmental test room and rated according to U.S. Department of Energy (DOE) test procedures and in accordance with ARI Standard 210-81. In addition, units have been sound rated in the Lennox reverberant sound test room in accordance with ARI Standard 270-84. Condensing units and components within are bonded for grounding to meet safety standards for servicing required by U.L. and N.E.C. Units are also U.L. listed.

ARI RATINGS

Condensing Unit Model No. ★ARI Standard 270 SRN (bels)	*ARI Standard 210 Ratings			Evaporator Unit			•Expansion Valve Kit
	SEER (Btuh/ Watts)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
HS16-211V (7.2)	9.90	18,900	2090	C16-21FF	CR16 21FF		LB-53081CF
	10.00	19,200	2100	----	----	CH16-21FF	
	10.15	19,300	2080	**CB18-21	----	**CBS18-21	
	10.35	20,000	2120	C16-31FF, C16-31WFF	CR16-31FF	CH16-31FF	
	10.55	20,200	2040	**CB19-21	**CB19-21	**CBH19-21	
	10.60	20,400	2120	**CB18-26	----	**CBS18-26	
	10.50	20,600	2180	C16-28FF, C16-28WFF			
	10.55	20,600	2140	C14-26FF	----	----	
	11.20	21,200	2085	----	----	**CB15-41FF	
HS16 261V (7.2)	9.60	22,800	2570	C16-21FF	CR16-21FF	----	LB-53081CD
	9.80	23,400	2585	**CB18-21	----	**CBS18-21	
	9.70	23,400	2605	----	----	CH16-21FF	
	10.85	24,800	2475	**CB19-21	**CB19-21	**CBH19-21	
	10.15	25,000	2670	C16-41FF C16-41WFF	CR16-41FF	CH16-41FF	
	10.20	25,200	2700	**CB18-26		**CBS18 26	
	10.25	25,400	2705	C16-28FF, C16-28WFF, C16-31FF, C16 31WFF	CR16-31FF	CH16-31FF	
	10.30	25,400	2705	**CB18-31		**CBS18 31	
	10.35	25,400	2690	C14-26FF			
	11.15	25,800	2540	**CB19-26	**CB19 26	**CBH19 26	
	10.95	26,400	2635	**CB19-31	**CB19 31	**CBH19 31	
	11.35	26,600	2585	----		**CB15 41FF	
HS16-311V (7.8)	9.75	31,400	3505	C16-31FF, C16 31WFF	CR16 31FF	CH16-31FF	LB-53081CD
	9.80	31,400	3475	**CB18 26		**CBS18-26	
	9.90	32,000	3545	C16 28FF, C16 28WFF		----	
	10.15	32,000	3370	**CB19 26	**CB19 26	**CBH19-26	
	9.95	32,400	3450	**CB18 31		**CBS18-31	
	10.05	32,400	3545	C14 26FF		----	
	10.10	32,400	3560	C16-41FF C16-41WFF	CR16-41FF	CH16-41FF	
	10.00	32,800	3560	**CB18 41	----	**CBS18 41	
	10.40	34,200	3605	C14 41FF	----		
	10.75	34,200	3510	**CB19 31	**CB19-31	**CBH19 31	
	11.00	34,200	3405		----	**CB15 41FF	
HS16 411V (7.6)	10.05	33,800	3685	C16 31FF, C16 31WFF	CR16-31FF	CH16-31FF	LB-53081CB
	10.15	34,600	3740	C16-28FF, C16 28WFF		----	
	10.25	35,600	3830		CR16 51FF	----	
	10.30	35,800	3835	C16 41FF C16-41WFF	CR16-41FF	CH16-41FF	
	10.30	36,000	3850	**CB18 31	----	**CBS18-31	
	10.30	36,200	3880	**CB18-41		**CBS18-41	
	10.45	36,400	3845	C16-51FF	----	CH16-51FF	
	10.50	36,400	3860	C16-46FF C16 46WFF	--	----	
	10.40	37,800	3915	**CB18 51	----	**CBS18-51	
	10.65	38,000	3950	C14 41FF	----	----	
	11.25	38,000	3745		----	**CB15-41FF	
	11.20	38,500	3835	**CB19 31	**CB19-31	**CBH19-31	
	11.05	38,500	3910	**CB19 41	**CB19-41	**CBH19 41	
	11.00	40,000	4035	**CB19 51	**CB19-51	**CBH19-51	

NOTE - Shaded area denotes most popular evaporator coil.

★ Sound Rating Number in accordance with ARI Standard 270.

* Rated in accordance with ARI Standard 210 and DOE; 95°F outdoor air temperature 80°F db/67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

** Denotes blower powered evaporator.

• 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)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
HS16-461V (8.0)	10.00	40,500	4455	C16-41FF C16-41WFF	CR16-41FF	CH16-41FF	LB-53081CB
	10.00	42,500	4620	C16-46FF C16-46WFF	----	----	
	10.00	42,500	4675	----	CR16-51FF	----	
	10.15	42,500	4515	**CB18 41	----	**CBS18-41	
	10.30	43,000	4510	C14-41FF	----	----	
	10.05	43,500	4770	C16-51FF	----		
	10.65	43,500	4480	**CB19-41	**CB19-41	**CBH19-41	
	10.25	44,000	4650	----	----	CH16-51FF	
	10.25	45,000	4740	**CB18 51		**CBS18-51	
	10.85	45,500	4530	----	----	**CB15-46FF	
	10.75	46,000	4680	**CB19-51	**CB19-51	**CBH19 51	
HS16 511V (7.6)	9.75	46,000	5170		CR16-51FF	----	LB-53081CC
	9.85	46,500	5125	C16-46FF C16-46WFF	----	----	
	10.20	47,000	5040	C14-41FF	----	----	
	10.15	47,500	5080	----	----	CH16-51FF	
	9.90	48,000	5290	**CB18 51	----	**CBS18-51	
	9.95	48,000	5250	C16-51FF	----	----	
	10.00	48,000	5255	----	CR16 65		
	10.20	48,000	5115	----	----	**CB15-46FF	
	10.05	48,500	5285	C16-65	----	----	
	9.85	49,000	5420	**CB18-65		**CBS18-65	
	10.35	49,000	5160	----	----	**CB15-65	
	10.35	50,000	5250	**CB19-51	**CB19-51	**CBH19-51	
	10.30	50,500	5380	----	----	CH16-65V	☆ Factory Installed
	10.40	50,500	5305	C14-65	----	----	LB-53081CC
	10.70	53,000	5390	**CB19-65	**CB19-65	**CBH19 65	
HS16-651V (8.0)	10.00	55,000	5925	C14-41FF	----	----	LB-53081CE
	10.05	55,500	5990		----	CH16-51FF	
	9.85	56,000	6160	----	CR16-51FF	----	
	10.05	58,000	6295	C16-51FF	----		
	10.00	58,500	6365	**CB18-51	----	**CBS18-51	
	10.15	59,500	6415	C16-65	----		
	10.20	59,500	6405		CR16 65		
	10.60	60,500	6285	C14-65	----	----	
	10.85	60,500	6115	**CB19 51	**CB19-51	**CBH19-51	
	9.95	61,500	6695	**CB18 65		**CBS18-65	
	10.40	61,500	6475		----	**CB15-65	
	10.45	62,000	6465	----		CH16 65V	☆ Factory Installed
	11.00	65,000	6500	**CB19-65	**CB19-65	**CBH19-65	LB-53081CE

NOTE - Shaded area denotes most popular evaporator coil.

★ Sound Rating Number in accordance with ARI Standard 270.

* Rated in accordance with ARI Standard 210 and DOE; 95°F outdoor air temperature 80°F db/67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

** Denotes blower powered evaporator.

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

☆ Furnished as standard with coil.

SPECIFICATIONS

Model No.			HS16-211V	HS16-261V	HS16-311V	HS16-411V	HS16-461V	HS16-511V	HS16-651V
Condenser Coil	Net face area (sq. ft.)	Outer coil	11.8	11.8	11.8	15.9	15.9	15.9	18.2
		Inner coil	----	----	5.4	----	3.3	8.8	11.0
	Tube diameter (in.) & No. of rows		3/8 1	3/8 1	3/8 1.48	3/8 1	3/8 1.21	3/8 1.57	3/8 1.62
	Fins per inch		16	16	20	18	20	20	20
Condenser Fan	Diameter (in.) & No. of blades		20 - 4	20 - 4	20 - 4	24 - 3	24 - 3	24 - 3	24 - 4
	Motor hp		1/6	1/6	1/4	1/6	1/6	1/6	1/4
	Cfm		2500	2500	2900	3200	3200	2940	4300
	Rpm		840	840	1060	820	820	820	820
	Watts		190	190	310	200	200	205	440
**Refrigerant 22 charge furnished			4 lbs. 12 oz.	5 lbs. 9 oz.	6 lbs. 0 oz.	6 lbs. 4 oz.	6 lbs. 10 oz.	8 lbs. 10 oz.	9 lbs. 15 oz.
Liquid line (o.d. in.) connection (sweat)			3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction line (o.d. in.) connection (sweat)			5/8	5/8	3/4	3/4	7/8	7/8	1 1/8
Shipping weight (lbs.) 1 package			172	180	190	230	250	260	320

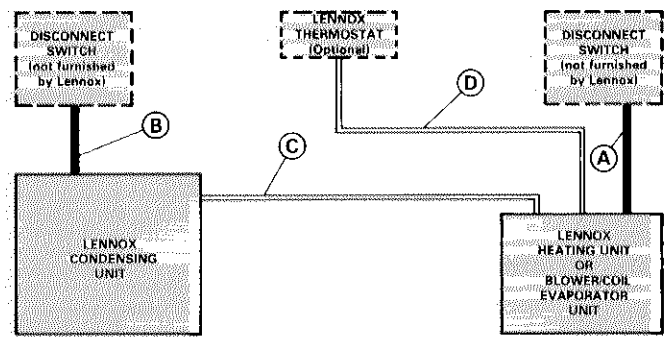
**Refrigerant charge is sufficient for 25 ft. length line set.

ELECTRICAL DATA

Model No.		HS16-211V	HS16-261V	HS16-311V	HS16-411V	HS16-461V	HS16-511V	HS16-651V
Line voltage data — 60 hz/1 phase		208/230v	208/230v	208/230v	208/230v	208/230v	208/230v	208/230v
Compressor	Rated load amps	9.2	12.1	15.4	17.9	21.5	23.7	27.6
	Power factor	.98	.98	.98	.98	.98	.98	.98
	Locked rotor amps	48.0	57.0	69.0	83.5	95.4	116.0	135.0
Condenser Coil Fan Motor	Full load amps	1.2	1.2	1.4	1.2	1.2	1.2	2.2
	Locked rotor amps	2.0	2.0	3.25	2.0	2.0	2.0	4.5
†Maximum fuse or circuit breaker size (amps)		20	25	35	40	45	50	60
*Minimum circuit ampacity		12.6	16.3	20.9	23.8	28.3	31.1	36.7

* Refer to National Electric Code manual to determine wire, fuse and disconnect size requirements.
† Recommended
NOTE Extremes of operating range are plus 10% and minus 5% of line voltage.

FIELD WIRING



A — Two wire power (not furnished)

B — Two wire power (not furnished) — See electrical data

C — Two wire low voltage (not furnished) — 18 ga. minimum

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

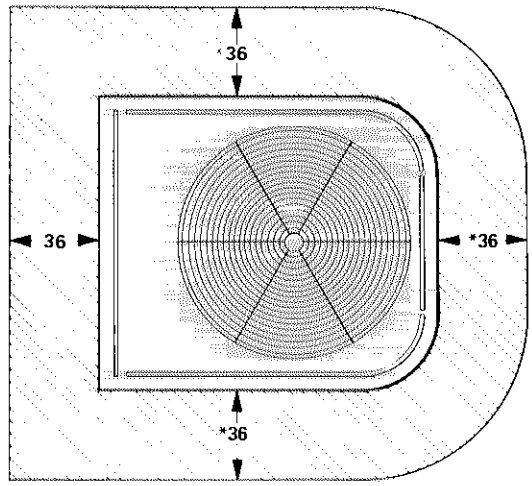
All wiring must conform to NEC and local electrical codes.

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suction & Liquid Lines (ft.)	Liquid Line (o.d. in.)	Suction Lind (o.d. in.)
HS16-211V HS16-261V	L10-26-20	20	3/8	5/8
	L10-26-25	25		
	L10-26-35	35		
	L10-26-50	50		
HS16-311V HS16-411V	L10-41-20	20	3/8	3/4
	L10-41-30	30		
	L10-41-40	40		
	L10-41-50	50		
HS16-461V HS16-511V	L10-65-30	30	3/8	7/8
	L10-65-40	40		
	L10-65-50	50		
HS16-651V	*Not Available	----	----	----

*Field fabricate.

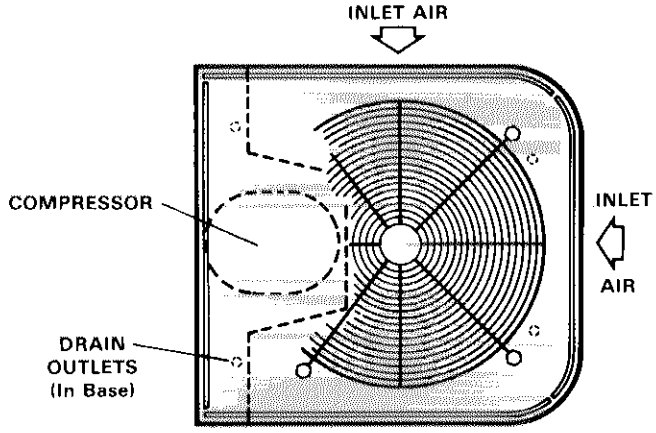
INSTALLATION CLEARANCES (inches)



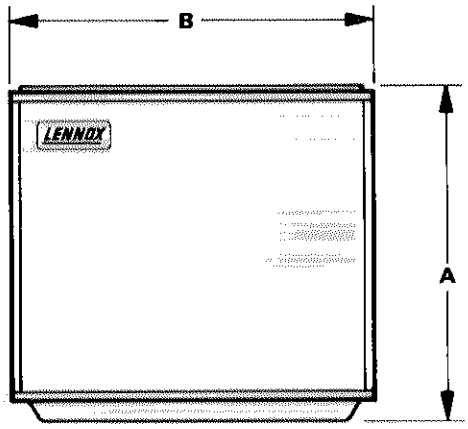
NOTE — 48" clearance required on top of unit.
* NOTE — One side of coil may be 12 inches.

DIMENSIONS (inches)

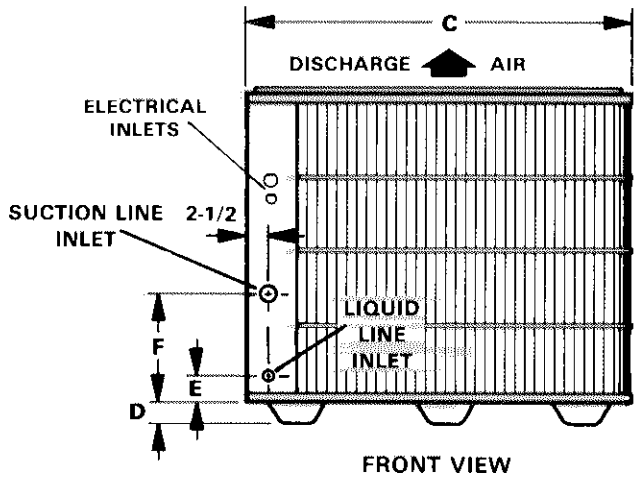
Model No.	A	B	C	D	E	F
HS16-211V HS16-261V HS16-311V	26	25-7/8	29-7/8	3/4	1-5/8	7-1/4
HS16-411V HS16-461V HS16-511V	30	32-1/8	34-1/16	1-3/4	1-7/8	8-3/4
HS16-651V	34	32-1/8	34-1/16	1-3/4	1-7/8	8-3/4



TOP VIEW



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.

HS16-211V WITH C16-21FF OR CR16-21FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	600	19,200	1520	.79	.90	.99	18,200	1610	.81	.93	1.00	17,100	1700	.83	.95	1.00	16,200	1800	.86	.97	1.00
	700	19,800	1530	.82	.94	1.00	18,900	1630	.84	.96	1.00	17,800	1730	.87	.99	1.00	16,800	1830	.90	1.00	1.00
	800	20,500	1550	.86	.97	1.00	19,500	1650	.88	1.00	1.00	18,500	1750	.91	1.00	1.00	17,300	1860	.93	1.00	1.00
67	600	20,200	1540	.63	.74	.84	19,300	1640	.64	.75	.86	18,200	1750	.65	.77	.89	17,100	1850	.67	.79	.92
	700	21,000	1560	.65	.77	.88	20,000	1660	.66	.79	.90	18,900	1770	.68	.81	.93	17,700	1880	.70	.83	.96
	800	21,600	1570	.67	.80	.92	20,500	1680	.68	.82	.94	19,300	1790	.70	.84	.96	18,100	1900	.72	.87	.99
71	600	21,200	1570	.48	.58	.68	20,200	1670	.48	.59	.70	19,200	1780	.49	.60	.72	18,100	1900	.50	.62	.74
	700	22,000	1580	.49	.60	.71	21,000	1690	.49	.61	.73	19,900	1810	.50	.63	.75	18,700	1930	.51	.65	.77
	800	22,600	1600	.50	.62	.74	21,600	1710	.51	.64	.76	20,400	1830	.51	.65	.78	19,200	1950	.52	.67	.81

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

HS16-211V WITH CH16-21FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	600	19,300	1520	.77	.88	.98	18,300	1610	.79	.90	1.00	17,200	1710	.81	.93	1.00	16,200	1800	.84	.96	1.00
	700	20,000	1540	.81	.92	1.00	19,000	1630	.83	.95	1.00	17,900	1730	.85	.97	1.00	16,800	1830	.88	1.00	1.00
	800	20,600	1550	.84	.96	1.00	19,500	1650	.86	.98	1.00	18,400	1750	.89	1.00	1.00	17,400	1860	.92	1.00	1.00
67	600	20,600	1550	.61	.72	.82	19,600	1650	.62	.73	.84	18,500	1760	.64	.75	.86	17,400	1860	.65	.77	.89
	700	21,300	1570	.63	.75	.86	20,300	1670	.65	.77	.88	19,100	1780	.66	.79	.91	17,900	1890	.68	.81	.94
	800	21,900	1580	.65	.78	.90	20,800	1690	.67	.80	.92	19,600	1800	.68	.82	.95	18,300	1910	.70	.85	.98
71	600	21,900	1580	.47	.57	.67	20,800	1690	.47	.58	.68	19,700	1800	.48	.59	.70	18,600	1920	.49	.60	.72
	700	22,600	1600	.48	.59	.69	21,600	1710	.48	.60	.71	20,400	1830	.49	.61	.73	19,200	1950	.50	.63	.75
	800	23,300	1610	.49	.61	.72	22,100	1720	.50	.62	.74	20,900	1850	.50	.63	.76	19,700	1970	.51	.65	.79

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

HS16-211V WITH CB18-21 OR CBS18-21 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	600	19,200	1520	.78	.89	.98	18,200	1610	.80	.91	1.00	17,100	1700	.82	.94	1.00	16,100	1800	.84	.97	1.00
	700	19,900	1530	.81	.93	1.00	18,900	1630	.83	.95	1.00	17,800	1730	.86	.98	1.00	16,700	1830	.88	1.00	1.00
	800	20,400	1550	.84	.97	1.00	19,500	1650	.86	.99	1.00	18,400	1750	.89	1.00	1.00	17,400	1860	.92	1.00	1.00
67	600	20,300	1540	.62	.72	.83	19,300	1640	.63	.74	.85	18,300	1750	.64	.76	.87	17,200	1850	.66	.78	.90
	700	21,100	1560	.64	.75	.86	20,100	1660	.65	.77	.89	18,900	1770	.67	.79	.92	17,800	1880	.68	.82	.94
	800	21,700	1580	.66	.78	.90	20,600	1680	.67	.80	.93	19,500	1790	.69	.83	.95	18,300	1910	.71	.86	.98
71	600	21,400	1570	.47	.58	.67	20,400	1670	.48	.59	.69	19,300	1790	.48	.60	.70	18,200	1900	.49	.61	.72
	700	22,200	1590	.48	.60	.70	21,200	1700	.49	.61	.72	20,000	1820	.50	.62	.74	18,900	1930	.50	.63	.76
	800	22,900	1600	.49	.61	.73	21,800	1720	.50	.63	.75	20,600	1840	.51	.64	.77	19,400	1960	.52	.66	.79

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

HS16-211V WITH 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	600	20,000	1540	.77	.88	.98	18,900	1630	.79	.90	1.00	17,900	1730	.81	.93	1.00	16,800	1830	.84	.96	1.00
	700	20,700	1550	.81	.93	1.00	19,700	1650	.83	.95	1.00	18,500	1760	.85	.98	1.00	17,400	1860	.88	1.00	1.00
	800	21,400	1570	.84	.96	1.00	20,400	1670	.86	.99	1.00	19,100	1780	.89	1.00	1.00	18,000	1890	.92	1.00	1.00
67	600	21,400	1570	.61	.72	.82	20,300	1670	.62	.73	.84	19,200	1780	.64	.75	.86	18,000	1890	.65	.77	.89
	700	22,100	1590	.63	.75	.86	21,000	1690	.65	.77	.88	19,800	1800	.66	.79	.91	18,600	1920	.68	.81	.94
	800	22,700	1600	.66	.78	.90	21,600	1710	.67	.80	.92	20,300	1820	.69	.82	.95	19,000	1940	.70	.85	.98
71	600	22,700	1600	.47	.57	.67	21,600	1710	.47	.58	.68	20,400	1830	.48	.59	.70	19,200	1950	.49	.60	.72
	700	23,500	1620	.48	.59	.70	22,400	1730	.48	.60	.71	21,100	1850	.49	.61	.73	19,800	1980	.50	.63	.75
	800	24,100	1630	.49	.61	.72	22,900	1740	.50	.62	.74	21,700	1870	.50	.64	.76	20,300	2000	.51	.65	.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.

HS16-211V WITH CB19-21 OR CBH19-21 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	600	20,600	1550	.79	.90	1.00	19,500	1650	.80	.92	1.00	18,400	1750	.83	.95	1.00	17,300	1860	.85	.98	1.00
	700	21,400	1570	.82	.95	1.00	20,300	1670	.84	.97	1.00	19,200	1780	.87	1.00	1.00	18,000	1890	.90	1.00	1.00
	800	22,000	1580	.86	.99	1.00	21,000	1690	.89	1.00	1.00	19,800	1810	.91	1.00	1.00	18,800	1930	.94	1.00	1.00
67	600	21,900	1580	.62	.73	.84	20,900	1690	.63	.75	.86	19,700	1800	.64	.77	.88	18,500	1910	.66	.79	.91
	700	22,700	1600	.64	.76	.88	21,600	1710	.66	.78	.91	20,300	1830	.67	.81	.93	19,000	1940	.69	.84	.97
	800	23,300	1610	.67	.80	.93	22,100	1720	.68	.82	.95	20,800	1850	.70	.85	.98	19,500	1960	.72	.88	1.00
71	600	23,300	1610	.47	.58	.68	22,200	1720	.48	.58	.69	20,900	1850	.48	.60	.71	19,700	1970	.49	.61	.73
	700	24,100	1630	.48	.60	.71	22,900	1740	.49	.61	.73	21,600	1870	.50	.62	.75	20,300	2000	.50	.64	.77
	800	24,700	1640	.49	.62	.74	23,500	1760	.50	.63	.76	22,200	1890	.51	.65	.79	20,800	2030	.52	.67	.82

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

HS16-211V WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	600	19,200	1520	.78	.89	.98	18,200	1610	.80	.91	1.00	17,100	1700	.82	.94	1.00	16,100	1800	.84	.97	1.00
	700	19,900	1530	.81	.93	1.00	18,900	1630	.83	.95	1.00	17,800	1730	.86	.98	1.00	16,700	1830	.88	1.00	1.00
	800	20,400	1550	.84	.97	1.00	19,500	1650	.86	.99	1.00	18,400	1750	.89	1.00	1.00	17,400	1860	.92	1.00	1.00
67	600	20,300	1540	.62	.72	.83	19,300	1640	.63	.74	.85	18,300	1750	.64	.76	.87	17,200	1850	.66	.78	.90
	700	21,100	1560	.64	.75	.86	20,100	1660	.65	.77	.89	18,900	1770	.67	.79	.92	17,800	1880	.68	.82	.94
	800	21,700	1580	.66	.78	.90	20,600	1680	.67	.80	.93	19,500	1790	.69	.83	.95	18,300	1910	.71	.86	.98
71	600	21,400	1570	.47	.58	.67	20,400	1670	.48	.59	.69	19,300	1790	.48	.60	.70	18,200	1900	.49	.61	.72
	700	22,200	1590	.48	.60	.70	21,200	1700	.49	.61	.72	20,000	1820	.50	.62	.74	18,900	1930	.50	.63	.76
	800	22,900	1600	.49	.61	.73	21,800	1720	.50	.63	.75	20,600	1840	.51	.64	.77	19,400	1960	.52	.66	.79

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

HS16-211V WITH C16-28FF OR C16-28WFF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	600	20,700	1550	.77	.87	.98	19,600	1650	.78	.90	1.00	18,500	1760	.80	.92	1.00	17,400	1860	.83	.95	1.00
	700	21,400	1570	.80	.92	1.00	20,400	1670	.82	.94	1.00	19,100	1780	.84	.97	1.00	18,000	1890	.87	1.00	1.00
	800	22,000	1580	.83	.96	1.00	20,900	1690	.85	.98	1.00	19,800	1800	.88	1.00	1.00	18,600	1920	.91	1.00	1.00
67	600	21,700	1580	.61	.72	.81	20,700	1680	.62	.73	.83	19,600	1800	.64	.75	.86	18,400	1910	.65	.77	.88
	700	22,600	1600	.63	.75	.85	21,500	1710	.64	.76	.88	20,300	1820	.66	.78	.90	19,100	1940	.67	.81	.94
	800	23,300	1610	.65	.78	.89	22,200	1720	.66	.79	.92	20,900	1850	.68	.82	.95	19,600	1970	.70	.84	.98
71	600	22,700	1600	.47	.57	.67	21,700	1710	.47	.58	.68	20,600	1830	.48	.59	.70	19,400	1960	.48	.60	.71
	700	23,700	1620	.48	.59	.69	22,600	1730	.48	.60	.71	21,400	1860	.49	.61	.73	20,100	1990	.49	.63	.75
	800	24,400	1630	.48	.61	.72	23,200	1750	.49	.62	.74	22,000	1880	.50	.63	.76	20,700	2020	.51	.65	.78

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

HS16-211V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	600	20,500	1550	.79	.90	1.00	19,500	1650	.81	.92	1.00	18,400	1750	.83	.95	1.00	17,300	1860	.86	.98	1.00
	700	21,400	1570	.83	.95	1.00	20,300	1670	.85	.97	1.00	19,100	1780	.87	1.00	1.00	18,100	1900	.91	1.00	1.00
	800	22,000	1590	.87	.99	1.00	21,000	1690	.89	1.00	1.00	19,900	1810	.92	1.00	1.00	18,800	1930	.95	1.00	1.00
67	600	21,900	1580	.62	.73	.84	20,800	1690	.63	.75	.86	19,700	1800	.65	.77	.89	18,400	1910	.66	.79	.92
	700	22,700	1600	.65	.77	.89	21,600	1710	.66	.79	.91	20,300	1830	.68	.81	.94	19,000	1940	.69	.84	.97
	800	23,300	1610	.67	.80	.93	22,200	1720	.69	.83	.96	20,800	1850	.70	.85	.98	19,500	1960	.73	.88	1.00
71	600	23,300	1610	.47	.58	.68	22,200	1720	.48	.59	.69	20,900	1850	.48	.60	.71	19,700	1970	.49	.61	.73
	700	24,100	1630	.48	.60	.71	22,900	1740	.49	.61	.73	21,600	1870	.50	.63	.75	20,300	2000	.51	.64	.78
	800	24,700	1640	.50	.62	.75	23,500	1760	.50	.64	.77	22,200	1890	.51	.65	.79	20,800	2030	.52	.67	.82

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

RATINGS

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

HS16-211V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	600	20,900	1560	.78	.90	1.00	19,800	1660	.80	.92	1.00	18,700	1760	.82	.95	1.00	17,600	1870	.85	.98	1.00
	700	21,800	1580	.82	.95	1.00	20,600	1680	.84	.97	1.00	19,500	1790	.87	1.00	1.00	18,300	1910	.90	1.00	1.00
	800	22,500	1590	.86	.99	1.00	21,400	1700	.89	1.00	1.00	20,300	1820	.91	1.00	1.00	19,200	1950	.95	1.00	1.00
67	600	22,300	1590	.62	.73	.83	21,200	1700	.63	.74	.85	20,000	1810	.64	.76	.88	18,700	1930	.66	.79	.91
	700	23,100	1610	.64	.76	.88	21,900	1720	.66	.78	.91	20,700	1840	.67	.81	.93	19,300	1960	.69	.83	.97
	800	23,700	1620	.67	.80	.93	22,500	1730	.68	.82	.95	21,200	1860	.70	.85	.98	19,800	1980	.72	.88	1.00
71	600	23,700	1620	.47	.57	.67	22,500	1730	.47	.58	.69	21,300	1860	.48	.60	.71	20,000	1990	.49	.61	.73
	700	24,500	1640	.48	.60	.71	23,300	1750	.49	.61	.73	22,000	1890	.50	.62	.75	20,600	2020	.50	.64	.77
	800	25,200	1650	.49	.62	.74	23,900	1770	.50	.63	.76	22,600	1910	.51	.65	.79	21,100	2040	.52	.67	.82

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

HS16-261V WITH C16-21FF OR CR16-21FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	22,800	1830	.83	.94	1.00	21,700	1970	.84	.96	1.00	20,500	2120	.87	.99	1.00	19,300	2250	.89	1.00	1.00
	850	23,800	1850	.87	.99	1.00	22,700	2000	.89	1.00	1.00	21,500	2150	.91	1.00	1.00	20,200	2300	.94	1.00	1.00
	1000	24,600	1870	.91	1.00	1.00	23,500	2030	.93	1.00	1.00	22,200	2180	.96	1.00	1.00	20,900	2340	.99	1.00	1.00
67	700	24,100	1860	.66	.77	.87	22,900	2010	.67	.78	.89	21,700	2160	.68	.80	.92	20,500	2310	.70	.83	.95
	850	25,100	1890	.69	.81	.93	24,000	2040	.70	.83	.95	22,700	2200	.71	.85	.98	21,400	2360	.73	.87	1.00
	1000	26,000	1910	.71	.85	.97	24,700	2070	.73	.87	1.00	23,400	2230	.74	.89	1.00	22,000	2400	.76	.92	1.00
71	700	25,200	1890	.51	.61	.72	24,000	2050	.51	.62	.73	22,800	2210	.52	.63	.75	21,600	2370	.52	.65	.77
	850	26,300	1920	.52	.64	.75	25,200	2080	.52	.65	.77	23,900	2260	.53	.66	.79	22,500	2430	.54	.68	.81
	1000	27,300	1940	.53	.66	.79	26,000	2120	.54	.68	.81	24,600	2300	.55	.69	.83	23,100	2470	.56	.71	.86

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

HS16-261V WITH CB18-21 OR CBS18-21 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	22,800	1830	.82	.93	1.00	21,700	1970	.83	.95	1.00	20,500	2120	.85	.97	1.00	19,200	2250	.88	1.00	1.00
	850	23,900	1860	.86	.98	1.00	22,700	2000	.88	1.00	1.00	21,500	2150	.90	1.00	1.00	20,200	2300	.93	1.00	1.00
	1000	24,800	1880	.90	1.00	1.00	23,500	2030	.92	1.00	1.00	22,300	2190	.94	1.00	1.00	21,100	2330	.98	1.00	1.00
67	700	24,100	1860	.65	.76	.86	23,000	2010	.66	.77	.88	21,800	2170	.68	.79	.90	20,600	2310	.69	.81	.93
	850	25,300	1890	.68	.80	.91	24,100	2050	.69	.81	.93	22,800	2210	.70	.83	.96	21,500	2370	.72	.86	.99
	1000	26,200	1910	.70	.83	.96	25,000	2070	.72	.85	.99	23,600	2250	.73	.88	1.00	22,200	2410	.75	.91	1.00
71	700	25,400	1890	.50	.61	.71	24,200	2050	.51	.62	.72	23,000	2210	.51	.63	.74	21,700	2380	.52	.64	.75
	850	26,600	1920	.51	.63	.74	25,400	2100	.52	.64	.76	24,100	2270	.53	.65	.78	22,700	2440	.54	.67	.80
	1000	27,700	1960	.53	.65	.77	26,400	2140	.53	.67	.79	25,000	2320	.54	.68	.82	23,400	2490	.55	.70	.84

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

HS16-261V WITH CH16-21FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	23,000	1830	.81	.92	1.00	21,800	1980	.83	.94	1.00	20,600	2120	.85	.97	1.00	19,300	2260	.87	1.00	1.00
	850	24,000	1860	.85	.97	1.00	22,800	2010	.87	1.00	1.00	21,600	2160	.89	1.00	1.00	20,300	2300	.92	1.00	1.00
	1000	24,900	1880	.89	1.00	1.00	23,600	2030	.91	1.00	1.00	22,300	2190	.94	1.00	1.00	21,000	2340	.97	1.00	1.00
67	700	24,500	1870	.65	.75	.86	23,300	2020	.66	.77	.88	22,100	2180	.67	.78	.90	20,800	2330	.68	.81	.93
	850	25,600	1900	.67	.79	.91	24,400	2060	.68	.81	.93	23,000	2220	.70	.83	.96	21,700	2380	.72	.85	.99
	1000	26,400	1920	.70	.83	.96	25,200	2080	.71	.85	.98	23,800	2250	.73	.87	1.00	22,300	2420	.75	.90	1.00
71	700	25,900	1910	.50	.60	.70	24,800	2070	.50	.61	.71	23,500	2240	.51	.62	.73	22,100	2410	.52	.63	.75
	850	27,200	1940	.51	.62	.73	25,900	2120	.52	.64	.75	24,500	2300	.52	.65	.77	23,000	2460	.53	.66	.79
	1000	28,100	1980	.52	.65	.77	26,800	2160	.53	.66	.79	25,300	2340	.54	.68	.81	23,700	2500	.55	.70	.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.

HS16-261V WITH CB19-21 OR CBH19-21 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	700	24,800	1880	.82	.94	1.00	23,500	2030	.84	.96	1.00	22,200	2190	.86	.99	1.00	20,900	2330	.89	1.00	1.00
	850	25,900	1910	.87	1.00	1.00	24,700	2070	.89	1.00	1.00	23,300	2230	.92	1.00	1.00	21,900	2400	.95	1.00	1.00
	1000	26,900	1930	.92	1.00	1.00	25,600	2100	.94	1.00	1.00	24,200	2280	.97	1.00	1.00	22,900	2450	1.00	1.00	1.00
67	700	26,400	1920	.65	.76	.87	25,100	2080	.66	.78	.89	23,800	2260	.68	.80	.92	22,300	2420	.69	.82	.95
	850	27,600	1960	.68	.81	.93	26,300	2140	.70	.83	.95	24,800	2310	.71	.85	.98	23,200	2470	.73	.88	1.00
	1000	28,600	2000	.71	.85	.98	27,200	2170	.73	.87	1.00	25,500	2350	.75	.90	1.00	23,800	2510	.77	.94	1.00
71	700	28,000	1970	.50	.61	.71	26,700	2160	.50	.61	.72	25,300	2340	.51	.63	.74	23,700	2510	.52	.64	.76
	850	29,400	2020	.51	.63	.75	27,900	2210	.52	.64	.77	26,300	2390	.53	.66	.79	24,600	2560	.54	.68	.82
	1000	30,400	2060	.53	.66	.79	28,800	2250	.53	.67	.81	27,100	2430	.54	.69	.84	25,200	2600	.56	.72	.87

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

HS16-261V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	700	24,500	1870	.81	.92	1.00	23,300	2020	.83	.94	1.00	21,900	2170	.85	.97	1.00	20,600	2310	.87	1.00	1.00
	850	25,500	1890	.85	.98	1.00	24,300	2050	.87	1.00	1.00	23,000	2210	.90	1.00	1.00	21,600	2370	.92	1.00	1.00
	1000	26,500	1920	.90	1.00	1.00	25,100	2090	.92	1.00	1.00	23,800	2260	.95	1.00	1.00	22,400	2420	.98	1.00	1.00
67	700	26,000	1900	.65	.75	.86	24,800	2070	.66	.77	.87	23,500	2240	.67	.78	.90	22,100	2400	.68	.81	.93
	850	27,300	1950	.67	.79	.91	26,000	2120	.69	.81	.93	24,500	2290	.70	.83	.96	22,900	2450	.72	.86	.99
	1000	28,300	1990	.70	.83	.96	26,900	2160	.71	.85	.99	25,300	2330	.73	.88	1.00	23,500	2490	.75	.91	1.00
71	700	27,700	1960	.50	.60	.70	26,400	2140	.50	.61	.71	25,000	2320	.51	.62	.73	23,400	2480	.52	.63	.75
	850	29,100	2010	.51	.62	.73	27,600	2200	.52	.64	.75	26,000	2370	.52	.65	.77	24,300	2540	.53	.67	.80
	1000	30,100	2050	.52	.65	.77	28,600	2230	.53	.66	.79	26,800	2420	.54	.68	.82	25,000	2580	.55	.70	.85

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

HS16-261V WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95					105					115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	700	24,400	1870	.81	.92	1.00	23,200	2020	.83	.95	1.00	21,900	2170	.85	.97	1.00	20,600	2310	.87	1.00	1.00
	850	25,500	1900	.86	.98	1.00	24,300	2050	.88	1.00	1.00	22,900	2210	.90	1.00	1.00	21,500	2370	.93	1.00	1.00
	1000	26,500	1920	.90	1.00	1.00	25,100	2080	.92	1.00	1.00	23,800	2250	.95	1.00	1.00	22,400	2420	.98	1.00	1.00
67	700	26,000	1910	.65	.75	.86	24,700	2070	.66	.77	.88	23,400	2230	.67	.79	.90	22,000	2400	.68	.81	.93
	850	27,200	1940	.68	.79	.91	25,900	2120	.69	.81	.93	24,500	2290	.70	.83	.96	22,900	2450	.72	.86	.99
	1000	28,200	1980	.70	.83	.96	26,800	2160	.72	.85	.99	25,200	2330	.73	.88	1.00	23,500	2490	.75	.91	1.00
71	700	27,600	1960	.50	.60	.70	26,300	2140	.50	.61	.71	24,900	2320	.51	.62	.73	23,400	2480	.52	.63	.75
	850	29,000	2010	.51	.63	.74	27,600	2190	.52	.64	.75	26,000	2370	.52	.65	.77	24,300	2540	.53	.67	.80
	1000	30,000	2050	.52	.65	.77	28,500	2230	.53	.66	.79	26,800	2410	.54	.68	.82	25,000	2580	.55	.70	.85

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

HS16-261V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	700	24,800	1880	.81	.91	1.00	23,600	2030	.82	.93	1.00	22,300	2190	.84	.96	1.00	21,000	2340	.86	.98	1.00
	850	26,000	1910	.84	.96	1.00	24,700	2070	.86	.99	1.00	23,400	2230	.88	1.00	1.00	21,900	2390	.91	1.00	1.00
	1000	27,000	1930	.88	1.00	1.00	25,500	2100	.90	1.00	1.00	24,200	2280	.93	1.00	1.00	22,800	2440	.96	1.00	1.00
67	700	26,000	1910	.65	.75	.85	24,900	2070	.66	.76	.87	23,600	2250	.67	.78	.89	22,200	2410	.68	.80	.92
	850	27,400	1950	.67	.79	.90	26,100	2130	.68	.80	.92	24,700	2310	.69	.82	.94	23,200	2470	.71	.85	.98
	1000	28,500	1990	.69	.82	.94	27,100	2170	.71	.84	.97	25,600	2350	.72	.86	1.00	23,900	2520	.74	.89	1.00
71	700	27,200	1940	.50	.60	.70	26,000	2120	.50	.61	.71	24,700	2310	.51	.62	.73	23,300	2480	.51	.63	.75
	850	28,800	2000	.51	.62	.73	27,500	2190	.51	.63	.75	26,000	2370	.52	.65	.77	24,300	2540	.53	.66	.79
	1000	29,900	2040	.52	.64	.76	28,500	2230	.52	.66	.78	26,800	2410	.53	.67	.80	25,100	2590	.54	.69	.83

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

RATINGS

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

HS16-261V WITH CB18-31 OR CBS18-31 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	24,500	1870	.81	.91	1.00	23,300	2020	.82	.94	1.00	22,000	2170	.84	.96	1.00	20,700	2320	.86	.99	1.00
	850	25,600	1900	.85	.97	1.00	24,400	2060	.87	.99	1.00	23,100	2220	.89	1.00	1.00	21,600	2380	.92	1.00	1.00
	1000	26,700	1920	.89	1.00	1.00	25,300	2090	.91	1.00	1.00	23,900	2260	.94	1.00	1.00	22,400	2420	.97	1.00	1.00
67	700	26,100	1910	.64	.75	.85	24,900	2070	.65	.76	.87	23,600	2240	.67	.78	.89	22,100	2410	.68	.80	.92
	850	27,400	1950	.67	.79	.90	26,100	2130	.68	.80	.92	24,600	2300	.70	.82	.95	23,000	2460	.71	.85	.98
	1000	28,500	1990	.70	.82	.95	27,000	2170	.71	.84	.97	25,400	2340	.73	.87	1.00	23,700	2500	.75	.90	1.00
71	700	27,800	1960	.50	.60	.69	26,500	2140	.50	.61	.71	25,100	2320	.51	.62	.72	23,500	2490	.51	.63	.74
	850	29,200	2020	.51	.62	.73	27,800	2200	.51	.63	.74	26,200	2380	.52	.65	.77	24,400	2550	.53	.66	.79
	1000	30,300	2060	.52	.64	.76	28,700	2240	.53	.66	.78	27,000	2420	.54	.67	.81	25,100	2590	.55	.69	.84

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

HS16-261V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	24,900	1880	.82	.94	1.00	23,600	2030	.84	.96	1.00	22,300	2190	.86	.99	1.00	21,000	2330	.89	1.00	1.00
	850	26,000	1910	.87	1.00	1.00	24,800	2070	.89	1.00	1.00	23,400	2230	.92	1.00	1.00	22,000	2400	.95	1.00	1.00
	1000	27,100	1940	.92	1.00	1.00	25,800	2110	.95	1.00	1.00	24,400	2290	.97	1.00	1.00	23,100	2460	1.00	1.00	1.00
67	700	26,500	1920	.65	.76	.87	25,200	2090	.66	.78	.89	23,900	2260	.68	.80	.92	22,400	2420	.69	.82	.95
	850	27,800	1960	.69	.81	.93	26,400	2140	.70	.83	.96	24,900	2310	.71	.85	.99	23,300	2480	.73	.88	1.00
	1000	28,800	2000	.72	.85	.99	27,300	2180	.73	.88	1.00	25,700	2350	.75	.90	1.00	23,900	2520	.77	.94	1.00
71	700	28,100	1980	.50	.61	.71	26,800	2160	.50	.62	.72	25,400	2340	.51	.63	.74	23,800	2510	.52	.64	.76
	850	29,600	2030	.51	.63	.75	28,100	2210	.52	.65	.77	26,400	2390	.53	.66	.79	24,700	2560	.54	.68	.82
	1000	30,600	2070	.53	.66	.79	29,000	2250	.54	.68	.81	27,200	2430	.55	.70	.84	25,300	2600	.56	.72	.88

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

HS16-261V WITH CB19-26 OR CBH19-26 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	24,800	1880	.82	.94	1.00	23,600	2030	.84	.96	1.00	22,200	2190	.86	.99	1.00	20,900	2330	.89	1.00	1.00
	850	25,900	1910	.87	1.00	1.00	24,700	2070	.89	1.00	1.00	23,300	2230	.92	1.00	1.00	21,900	2400	.95	1.00	1.00
	1000	26,900	1930	.92	1.00	1.00	25,600	2100	.94	1.00	1.00	24,200	2280	.97	1.00	1.00	22,900	2460	1.00	1.00	1.00
67	700	26,400	1920	.65	.76	.87	25,100	2080	.66	.78	.89	23,800	2260	.68	.80	.92	22,300	2420	.69	.82	.95
	850	27,600	1960	.68	.81	.93	26,300	2130	.70	.83	.95	24,800	2310	.71	.85	.98	23,200	2470	.73	.88	1.00
	1000	28,600	2000	.71	.85	.98	27,200	2170	.73	.87	1.00	25,500	2350	.75	.90	1.00	23,700	2510	.77	.94	1.00
71	700	28,000	1970	.50	.61	.71	26,700	2150	.50	.61	.72	25,300	2340	.51	.63	.74	23,700	2510	.52	.64	.76
	850	29,400	2020	.51	.63	.75	27,900	2210	.52	.64	.77	26,300	2390	.53	.66	.79	24,600	2560	.54	.68	.82
	1000	30,400	2060	.53	.66	.79	28,900	2250	.54	.67	.81	27,100	2430	.54	.69	.84	25,200	2600	.56	.72	.87

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

HS16-261V WITH CB19-31 OR CBH19-31 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	700	25,400	1890	.82	.94	1.00	24,100	2050	.84	.96	1.00	22,800	2210	.86	.99	1.00	21,500	2370	.89	1.00	1.00
	850	26,700	1920	.87	1.00	1.00	25,400	2100	.89	1.00	1.00	24,000	2270	.92	1.00	1.00	22,500	2440	.95	1.00	1.00
	1000	27,700	1970	.92	1.00	1.00	26,500	2140	.94	1.00	1.00	25,000	2320	.97	1.00	1.00	23,600	2500	1.00	1.00	1.00
67	700	27,100	1940	.65	.76	.87	25,800	2120	.66	.78	.89	24,400	2290	.68	.80	.92	22,800	2450	.69	.82	.95
	850	28,500	1990	.68	.81	.93	27,000	2170	.70	.83	.96	25,500	2350	.71	.85	.98	23,800	2510	.73	.88	1.00
	1000	29,500	2030	.71	.85	.98	27,900	2210	.73	.88	1.00	26,200	2390	.75	.91	1.00	24,400	2550	.77	.94	1.00
71	700	28,900	2010	.50	.60	.71	27,500	2190	.50	.61	.72	25,900	2370	.51	.63	.74	24,200	2540	.52	.64	.76
	850	30,300	2060	.51	.63	.75	28,700	2240	.52	.64	.77	27,000	2420	.53	.66	.79	25,100	2590	.54	.68	.82
	1000	31,300	2100	.53	.66	.79	29,600	2280	.54	.68	.81	27,800	2460	.55	.70	.84	25,800	2630	.56	.72	.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.

HS16-261V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	700	25,400	1890	.82	.93	1.00	24,100	2050	.84	.96	1.00	22,800	2210	.86	.98	1.00	21,400	2360	.88	1.00	1.00
	850	26,700	1920	.87	1.00	1.00	25,400	2090	.89	1.00	1.00	23,900	2270	.91	1.00	1.00	22,400	2430	.94	1.00	1.00
	1000	27,700	1970	.92	1.00	1.00	26,400	2140	.94	1.00	1.00	25,000	2320	.97	1.00	1.00	23,500	2490	1.00	1.00	1.00
67	700	27,100	1940	.65	.76	.87	25,800	2110	.66	.77	.89	24,400	2290	.67	.79	.91	22,800	2450	.69	.82	.94
	850	28,500	1990	.68	.80	.92	27,100	2170	.69	.82	.95	25,500	2350	.71	.85	.98	23,700	2510	.73	.88	1.00
	1000	29,600	2030	.71	.85	.98	28,000	2210	.73	.87	1.00	26,200	2390	.75	.90	1.00	24,400	2550	.77	.94	1.00
71	700	28,800	2000	.50	.60	.70	27,500	2190	.50	.61	.72	25,900	2370	.51	.62	.74	24,200	2540	.52	.64	.76
	850	30,300	2060	.51	.63	.74	28,800	2240	.52	.64	.76	27,000	2430	.53	.66	.79	25,200	2590	.54	.68	.82
	1000	31,400	2100	.53	.66	.79	29,700	2280	.53	.67	.81	27,800	2470	.54	.69	.84	25,800	2630	.56	.72	.87

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

HS16-311V WITH 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	31,200	2480	.76	.86	.96	29,800	2690	.77	.88	.98	28,300	2900	.79	.90	1.00	26,700	3090	.81	.93	1.00
	1050	32,300	2510	.79	.90	1.00	30,800	2730	.81	.92	1.00	29,300	2940	.82	.94	1.00	27,700	3140	.85	.97	1.00
	1200	33,300	2540	.82	.94	1.00	31,700	2760	.84	.96	1.00	30,200	2970	.86	.98	1.00	28,500	3180	.88	1.00	1.00
67	900	33,300	2540	.61	.70	.80	31,800	2760	.61	.72	.82	30,300	2980	.62	.73	.84	28,600	3180	.64	.75	.86
	1050	34,500	2580	.62	.73	.84	32,900	2800	.63	.75	.86	31,300	3020	.65	.77	.88	29,500	3220	.66	.79	.91
	1200	35,400	2610	.64	.76	.88	33,800	2830	.65	.78	.90	32,000	3050	.67	.80	.92	30,100	3260	.68	.82	.95
71	900	35,300	2600	.47	.56	.65	33,700	2830	.47	.57	.67	32,100	3050	.47	.58	.68	30,300	3260	.48	.59	.70
	1050	36,500	2640	.48	.58	.68	34,800	2870	.48	.59	.70	33,100	3090	.49	.60	.71	31,200	3310	.49	.61	.73
	1200	37,500	2670	.48	.60	.71	35,700	2900	.49	.61	.72	33,900	3130	.50	.62	.74	31,900	3340	.51	.64	.77

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

HS16-311V WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	31,600	2490	.76	.87	.97	30,100	2700	.78	.89	.99	28,600	2910	.80	.91	1.00	27,100	3110	.82	.94	1.00
	1050	32,700	2520	.80	.91	1.00	31,200	2740	.81	.93	1.00	29,700	2950	.83	.95	1.00	28,000	3160	.86	.98	1.00
	1200	33,700	2550	.83	.95	1.00	32,200	2770	.85	.97	1.00	30,500	2990	.87	.99	1.00	28,900	3190	.89	1.00	1.00
67	900	33,700	2550	.61	.71	.81	32,200	2770	.62	.72	.83	30,600	2990	.63	.74	.85	28,900	3200	.64	.76	.87
	1050	34,900	2590	.63	.74	.85	33,300	2810	.64	.76	.87	31,600	3030	.65	.77	.89	29,800	3240	.67	.80	.92
	1200	35,800	2620	.65	.77	.89	34,100	2840	.66	.79	.91	32,300	3060	.68	.81	.93	30,400	3270	.69	.83	.96
71	900	35,700	2610	.47	.56	.66	34,100	2840	.47	.57	.67	32,400	3070	.48	.58	.69	30,600	3280	.48	.59	.70
	1050	36,900	2650	.48	.58	.69	35,200	2880	.48	.59	.70	33,400	3110	.49	.61	.72	31,500	3320	.50	.62	.74
	1200	37,900	2680	.49	.60	.72	36,100	2910	.49	.61	.73	34,200	3140	.50	.63	.75	32,200	3350	.51	.64	.78

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

HS16-311V WITH C16-28FF OR C16-28WFF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	32,100	2500	.76	.86	.95	30,700	2720	.77	.87	.97	29,200	2930	.78	.89	.99	27,700	3140	.80	.92	1.00
	1050	33,300	2540	.78	.89	.99	31,800	2760	.80	.91	1.00	30,300	2980	.82	.94	1.00	28,500	3180	.84	.97	1.00
	1200	34,300	2570	.81	.93	1.00	32,700	2790	.83	.95	1.00	30,900	3010	.85	.98	1.00	29,300	3210	.87	1.00	1.00
67	900	33,800	2560	.61	.70	.80	32,300	2780	.61	.72	.81	30,800	3000	.62	.73	.83	29,100	3210	.64	.75	.86
	1050	35,100	2600	.62	.73	.83	33,500	2820	.63	.74	.85	31,800	3050	.64	.76	.87	30,100	3250	.66	.78	.90
	1200	36,100	2630	.64	.76	.87	34,500	2860	.65	.77	.89	32,700	3080	.66	.79	.92	30,900	3290	.68	.81	.95
71	900	35,300	2600	.47	.56	.66	33,800	2830	.47	.57	.67	32,200	3060	.47	.58	.68	30,500	3270	.48	.59	.70
	1050	36,700	2650	.47	.58	.68	35,100	2880	.48	.59	.69	33,400	3100	.48	.60	.71	31,500	3320	.49	.61	.73
	1200	37,800	2680	.48	.60	.71	36,000	2910	.49	.61	.72	34,200	3140	.49	.62	.74	32,300	3360	.50	.63	.76

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

RATINGS

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

HS16-311V WITH CB19-26 OR CBH19-26 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	900	32,100	2500	.78	.89	.98	30,600	2720	.79	.91	1.00	29,100	2930	.81	.93	1.00	27,600	3130	.83	.95	1.00
	1050	33,200	2540	.81	.93	1.00	31,700	2760	.83	.95	1.00	30,200	2970	.85	.97	1.00	28,500	3180	.87	.99	1.00
	1200	34,200	2570	.85	.97	1.00	32,600	2790	.87	.99	1.00	31,000	3010	.89	1.00	1.00	29,400	3220	.91	1.00	1.00
67	900	34,200	2570	.61	.72	.82	32,600	2790	.62	.73	.84	31,000	3010	.63	.75	.86	29,300	3210	.65	.77	.89
	1050	35,300	2600	.64	.75	.87	33,700	2830	.65	.77	.89	31,900	3050	.66	.79	.91	30,100	3250	.68	.81	.94
	1200	36,200	2630	.66	.79	.91	34,500	2860	.67	.81	.93	32,700	3080	.69	.83	.95	30,700	3280	.71	.86	.98
71	900	36,100	2630	.47	.57	.67	34,500	2860	.47	.58	.68	32,800	3080	.48	.59	.70	31,000	3290	.48	.60	.72
	1050	37,300	2660	.48	.59	.70	35,600	2900	.48	.60	.72	33,800	3120	.49	.61	.73	31,800	3330	.50	.63	.76
	1200	38,300	2690	.49	.61	.73	36,400	2930	.50	.63	.75	34,500	3150	.50	.64	.77	32,500	3360	.51	.66	.80

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

HS16-311V WITH CB18-31 OR CBS18-31 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	900	32,000	2500	.76	.86	.95	30,600	2720	.77	.88	.97	29,000	2930	.79	.90	1.00	27,400	3130	.80	.92	1.00
	1050	33,200	2540	.79	.90	.99	31,600	2760	.80	.92	1.00	30,100	2970	.82	.94	1.00	28,400	3170	.84	.97	1.00
	1200	34,200	2570	.81	.93	1.00	32,700	2790	.83	.95	1.00	31,000	3010	.85	.98	1.00	29,200	3210	.88	1.00	1.00
67	900	34,100	2570	.60	.70	.80	32,600	2790	.61	.71	.81	31,000	3010	.62	.73	.83	29,200	3210	.63	.75	.86
	1050	35,400	2610	.62	.73	.83	33,800	2830	.63	.74	.85	32,000	3050	.64	.76	.88	30,200	3260	.66	.78	.91
	1200	36,400	2640	.64	.76	.87	34,600	2860	.65	.78	.90	32,800	3080	.67	.79	.92	30,900	3290	.68	.82	.95
71	900	36,200	2630	.47	.56	.65	34,500	2860	.47	.57	.66	32,800	3080	.47	.58	.68	31,000	3300	.48	.59	.69
	1050	37,500	2670	.47	.58	.68	35,700	2900	.48	.59	.69	33,900	3130	.48	.60	.71	31,900	3340	.49	.61	.73
	1200	38,500	2700	.48	.60	.71	36,600	2930	.49	.61	.72	34,700	3160	.50	.62	.74	32,700	3370	.50	.64	.76

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

HS16-311V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	900	32,400	2510	.78	.89	.99	30,900	2730	.79	.91	1.00	29,300	2940	.81	.93	1.00	27,700	3140	.83	.96	1.00
	1050	33,600	2550	.81	.93	1.00	32,000	2770	.83	.95	1.00	30,400	2990	.85	.98	1.00	28,700	3190	.88	1.00	1.00
	1200	34,600	2580	.85	.97	1.00	33,000	2800	.87	.99	1.00	31,400	3020	.89	1.00	1.00	29,700	3240	.92	1.00	1.00
67	900	34,500	2580	.61	.72	.82	32,900	2800	.62	.74	.84	31,200	3020	.64	.75	.87	29,500	3220	.65	.77	.89
	1050	35,700	2620	.64	.76	.87	34,000	2840	.65	.77	.89	32,200	3060	.66	.79	.92	30,400	3270	.68	.82	.94
	1200	36,600	2640	.66	.79	.91	34,900	2870	.68	.81	.94	33,000	3090	.69	.83	.96	31,000	3300	.71	.86	.99
71	900	36,500	2640	.47	.57	.67	34,800	2870	.47	.58	.68	33,100	3090	.48	.59	.70	31,200	3300	.49	.60	.72
	1050	37,800	2680	.48	.59	.70	36,000	2910	.49	.60	.72	34,100	3130	.49	.62	.74	32,100	3350	.50	.63	.76
	1200	38,700	2710	.49	.62	.74	36,800	2940	.50	.63	.75	34,800	3170	.51	.64	.78	32,800	3380	.52	.66	.80

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

HS16-311V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	900	32,100	2500	.76	.86	.96	30,600	2710	.77	.88	.98	29,000	2920	.79	.90	1.00	27,500	3120	.81	.93	1.00
	1050	33,200	2540	.79	.90	1.00	31,700	2750	.81	.93	1.00	30,100	2970	.83	.95	1.00	28,400	3170	.85	.97	1.00
	1200	34,200	2570	.82	.94	1.00	32,600	2790	.84	.96	1.00	30,900	3000	.86	.99	1.00	29,200	3210	.89	1.00	1.00
67	900	34,200	2560	.61	.70	.80	32,600	2790	.61	.72	.82	31,000	3000	.62	.73	.84	29,300	3210	.64	.75	.86
	1050	35,400	2600	.62	.73	.84	33,800	2830	.63	.75	.86	32,000	3050	.65	.77	.88	30,100	3250	.66	.79	.91
	1200	36,400	2630	.64	.76	.88	34,600	2860	.66	.78	.90	32,700	3080	.67	.80	.93	30,800	3280	.69	.82	.95
71	900	36,200	2630	.47	.56	.65	34,500	2860	.47	.57	.67	32,800	3080	.48	.58	.68	31,000	3290	.48	.59	.70
	1050	37,400	2660	.48	.58	.68	35,700	2900	.48	.59	.70	33,800	3120	.49	.60	.71	31,900	3330	.49	.61	.73
	1200	38,400	2700	.48	.60	.71	36,600	2930	.49	.61	.73	34,600	3150	.50	.62	.75	32,600	3360	.51	.64	.77

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

RATINGS

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

HS16-311V WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																					
		85					95				105				115								
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	32,300	2510	.76	.86	.96	30,800	2730	.77	.88	.98	29,200	2940	.79	.90	1.00	27,700	3140	.81	.93	1.00
	1050	33,500	2550	.79	.90	1.00	32,000	2770	.81	.92	1.00	30,400	2980	.82	.94	1.00	28,700	3190	.85	.97	1.00
	1200	34,500	2580	.82	.94	1.00	33,000	2800	.84	.96	1.00	31,200	3020	.86	.99	1.00	29,400	3220	.89	1.00	1.00
67	900	34,500	2580	.60	.70	.80	32,900	2800	.61	.72	.82	31,300	3020	.62	.73	.84	29,500	3230	.64	.75	.86
	1050	35,700	2620	.62	.73	.84	34,000	2840	.63	.75	.86	32,300	3060	.65	.77	.88	30,400	3270	.66	.79	.91
	1200	36,700	2650	.64	.76	.88	34,900	2870	.66	.78	.90	33,100	3090	.67	.80	.92	31,100	3300	.69	.82	.95
71	900	36,500	2640	.47	.56	.65	34,800	2870	.47	.57	.67	33,100	3100	.47	.58	.68	31,300	3310	.48	.59	.70
	1050	37,800	2680	.47	.58	.68	36,000	2910	.48	.59	.70	34,200	3140	.49	.60	.71	32,200	3350	.49	.61	.73
	1200	38,800	2710	.48	.60	.71	36,900	2940	.49	.61	.73	35,000	3170	.50	.62	.75	32,900	3380	.51	.64	.77

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

HS16-311V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	34,100	2570	.77	.88	.99	32,500	2790	.79	.90	1.00	30,800	3000	.81	.93	1.00	29,000	3210	.83	.96	1.00
	1050	35,400	2610	.81	.93	1.00	33,600	2830	.83	.96	1.00	31,900	3050	.85	.98	1.00	30,200	3260	.88	1.00	1.00
	1200	36,400	2640	.85	.98	1.00	34,700	2870	.87	1.00	1.00	33,000	3090	.90	1.00	1.00	31,300	3310	.93	1.00	1.00
67	900	36,400	2640	.61	.72	.82	34,600	2860	.62	.73	.84	32,800	3080	.63	.75	.87	30,900	3290	.65	.77	.89
	1050	37,600	2670	.64	.75	.87	35,700	2900	.65	.77	.89	33,700	3120	.66	.79	.92	31,700	3330	.68	.82	.95
	1200	38,500	2700	.66	.79	.92	36,500	2930	.68	.81	.94	34,500	3150	.69	.84	.97	32,400	3360	.71	.87	1.00
71	900	38,600	2700	.47	.57	.67	36,800	2940	.47	.58	.68	34,800	3160	.48	.59	.70	32,800	3380	.48	.60	.72
	1050	39,800	2740	.48	.59	.70	37,900	2970	.48	.60	.72	35,800	3200	.49	.62	.74	33,600	3420	.50	.63	.76
	1200	40,800	2770	.49	.61	.74	38,700	3000	.50	.63	.76	36,500	3230	.50	.64	.78	34,300	3440	.51	.66	.81

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

HS16-311V WITH CB19-31 OR CBH19-31 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																					
		85					95				105				115								
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	33,300	2540	.77	.88	.98	31,800	2760	.79	.90	1.00	30,200	2970	.81	.92	1.00	28,500	3180	.83	.95	1.00
	1050	34,600	2580	.81	.93	1.00	32,900	2800	.83	.95	1.00	31,300	3020	.85	.97	1.00	29,600	3230	.88	.99	1.00
	1200	35,600	2610	.85	.97	1.00	34,000	2840	.87	.99	1.00	32,300	3060	.89	1.00	1.00	30,500	3280	.92	1.00	1.00
67	900	35,400	2610	.61	.72	.82	33,800	2830	.62	.73	.84	32,100	3050	.63	.75	.86	30,200	3260	.65	.77	.89
	1050	36,600	2640	.64	.75	.87	34,900	2870	.65	.77	.89	33,000	3090	.66	.79	.91	31,100	3300	.68	.81	.94
	1200	37,600	2670	.66	.79	.91	35,700	2900	.67	.81	.93	33,800	3120	.69	.83	.96	31,800	3330	.71	.86	.98
71	900	37,500	2670	.47	.57	.67	35,700	2900	.47	.58	.68	33,900	3130	.48	.59	.70	32,000	3340	.48	.60	.72
	1050	38,700	2710	.48	.59	.70	36,800	2940	.48	.60	.72	34,900	3170	.49	.62	.74	32,800	3380	.50	.63	.76
	1200	39,700	2740	.49	.61	.73	37,700	2970	.50	.63	.75	35,700	3200	.51	.64	.78	33,500	3410	.52	.66	.80

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

HS16-311V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	900	33,400	2550	.77	.88	.98	31,800	2760	.79	.90	1.00	30,300	2980	.80	.92	1.00	28,600	3180	.82	.95	1.00
	1050	34,700	2580	.81	.92	1.00	33,100	2810	.82	.95	1.00	31,300	3030	.85	.97	1.00	29,600	3230	.87	1.00	1.00
	1200	35,800	2620	.84	.97	1.00	34,100	2840	.86	.99	1.00	32,400	3060	.89	1.00	1.00	30,600	3280	.92	1.00	1.00
67	900	35,600	2610	.61	.72	.82	33,900	2840	.62	.73	.84	32,200	3060	.63	.75	.86	30,300	3270	.65	.77	.89
	1050	36,800	2650	.63	.75	.86	35,100	2880	.65	.77	.88	33,200	3100	.66	.79	.91	31,200	3310	.68	.81	.94
	1200	37,800	2680	.66	.78	.91	35,900	2910	.67	.80	.93	34,000	3130	.69	.83	.96	31,900	3340	.71	.85	.99
71	900	37,600	2670	.47	.57	.66	35,900	2910	.47	.58	.68	34,000	3130	.48	.59	.69	32,100	3350	.48	.60	.71
	1050	38,900	2710	.48	.59	.70	37,000	2950	.48	.60	.71	35,000	3170	.49	.61	.73	33,000	3390	.50	.63	.75
	1200	39,900	2740	.49	.61	.73	37,900	2980	.50	.62	.75	35,900	3210	.50	.64	.77	33,700	3420	.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.

HS16-411V WITH 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) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)	
				76 80 84				76 80 84				76 80 84				76 80 84	
63	1000	38,400	2990	.76	.87	.97	36,100	3160	.78	.89	.99	33,800	3370	.81	.93	1.00	31,400	3620	.83	.96	1.00
	1250	40,600	3090	.82	.94	1.00	38,100	3270	.84	.97	1.00	35,700	3480	.87	1.00	1.00	33,400	3740	.90	1.00	1.00
	1500	42,400	3160	.87	.99	1.00	40,000	3350	.90	1.00	1.00	37,600	3580	.93	1.00	1.00	35,300	3840	.97	1.00	1.00
67	1000	41,100	3110	.60	.71	.81	38,700	3290	.61	.72	.83	36,200	3500	.63	.75	.86	33,600	3750	.65	.77	.89
	1250	43,200	3200	.64	.76	.87	40,600	3380	.65	.78	.90	37,800	3590	.67	.81	.94	35,100	3830	.69	.84	.97
	1500	44,600	3260	.67	.81	.94	41,900	3440	.69	.84	.97	39,000	3650	.72	.87	1.00	36,100	3900	.74	.91	1.00
71	1000	43,800	3220	.46	.56	.65	41,200	3410	.47	.57	.67	38,600	3630	.47	.58	.69	35,900	3880	.48	.60	.71
	1250	45,900	3310	.48	.59	.70	43,100	3500	.48	.61	.72	40,300	3710	.49	.62	.75	37,400	3960	.50	.64	.78
	1500	47,400	3370	.50	.63	.75	44,400	3560	.50	.64	.78	41,400	3770	.52	.66	.81	38,400	4020	.53	.69	.85

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

HS16-411V WITH C16-28FF OR C16-28WFF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)															
		85				95				105				115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)	
				76 80 84				76 80 84				76 80 84				76 80 84	
63	1000	35,600	2870	.74	.84	.94	33,600	3030	.76	.87	.96	31,600	3250	.78	.89	.99	29,500	3490	.81	.92	1.00
	1250	37,600	2950	.79	.90	.99	35,500	3130	.81	.92	1.00	33,200	3340	.83	.95	1.00	30,900	3580	.86	.98	1.00
	1500	39,200	3020	.82	.95	1.00	36,700	3190	.85	.97	1.00	34,400	3410	.87	1.00	1.00	32,300	3660	.91	1.00	1.00
67	1000	37,500	2940	.60	.69	.79	35,500	3130	.61	.71	.81	33,400	3350	.62	.73	.83	31,300	3610	.64	.75	.86
	1250	39,700	3040	.62	.73	.83	37,500	3230	.64	.75	.86	35,200	3450	.65	.77	.89	32,900	3700	.67	.80	.92
	1500	41,300	3120	.65	.77	.88	39,000	3300	.66	.79	.91	36,500	3520	.68	.81	.94	34,000	3770	.70	.84	.97
71	1000	39,300	3030	.46	.56	.65	37,200	3220	.47	.57	.66	35,100	3440	.47	.58	.68	32,900	3700	.48	.59	.70
	1250	41,600	3130	.47	.58	.68	39,400	3320	.48	.59	.70	37,000	3540	.48	.60	.72	34,600	3800	.49	.62	.74
	1500	43,300	3200	.48	.60	.72	40,800	3390	.49	.62	.73	38,300	3610	.50	.63	.76	35,700	3870	.51	.65	.79

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

HS16-411V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)															
		85				95				105				115			
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)	
				76 80 84				76 80 84				76 80 84				76 80 84	
63	1000	36,600	2900	.75	.85	.94	34,400	3070	.76	.87	.97	32,100	3280	.78	.90	.99	29,900	3520	.81	.93	1.00
	1250	38,600	3000	.79	.90	1.00	36,300	3170	.81	.93	1.00	34,000	3380	.84	.96	1.00	31,600	3620	.87	.99	1.00
	1500	40,300	3070	.83	.95	1.00	38,000	3250	.86	.98	1.00	35,300	3460	.89	1.00	1.00	33,000	3710	.92	1.00	1.00
67	1000	39,100	3020	.60	.69	.79	36,800	3200	.61	.71	.81	34,500	3410	.62	.73	.83	32,100	3660	.63	.75	.86
	1250	41,300	3110	.62	.73	.84	38,800	3290	.64	.75	.86	36,300	3510	.65	.77	.90	33,700	3750	.67	.80	.93
	1500	42,900	3180	.65	.77	.89	40,200	3360	.67	.79	.92	37,500	3570	.68	.82	.95	34,700	3810	.71	.86	.98
71	1000	41,500	3120	.46	.55	.64	39,200	3310	.47	.56	.66	36,700	3530	.47	.57	.67	34,200	3780	.48	.59	.69
	1250	43,800	3220	.47	.58	.68	41,200	3410	.48	.59	.70	38,500	3630	.49	.61	.72	35,800	3880	.50	.62	.75
	1500	45,300	3290	.49	.60	.72	42,600	3470	.49	.62	.74	39,800	3690	.50	.64	.77	37,000	3940	.52	.66	.80

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

HS16-411V 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) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)	
				76 80 84				76 80 84				76 80 84				76 80 84	
63	1000	36,000	2880	.75	.85	.94	33,800	3050	.77	.87	.97	31,700	3250	.79	.90	.99	29,500	3490	.81	.93	1.00
	1250	38,000	2970	.79	.90	1.00	35,700	3140	.81	.93	1.00	33,400	3350	.84	.96	1.00	31,100	3590	.87	.99	1.00
	1500	39,600	3040	.83	.95	1.00	37,200	3220	.86	.98	1.00	34,800	3430	.89	1.00	1.00	32,600	3680	.92	1.00	1.00
67	1000	38,500	2990	.60	.69	.79	36,300	3170	.61	.71	.81	34,000	3380	.62	.73	.83	31,700	3630	.64	.75	.86
	1250	40,600	3080	.62	.73	.84	38,200	3270	.64	.75	.87	35,700	3480	.65	.78	.90	33,200	3720	.67	.80	.93
	1500	42,200	3150	.65	.77	.89	39,600	3330	.67	.80	.92	36,900	3540	.69	.82	.95	34,200	3790	.71	.86	.98
71	1000	40,900	3090	.46	.55	.64	38,600	3280	.47	.56	.66	36,200	3500	.47	.58	.67	33,800	3760	.48	.59	.70
	1250	43,100	3190	.47	.58	.68	40,600	3380	.48	.59	.70	38,000	3600	.49	.61	.72	35,400	3850	.50	.62	.75
	1500	44,700	3260	.49	.60	.72	42,000	3440	.50	.62	.74	39,200	3660	.50	.64	.77	36,500	3910	.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.

HS16-411V WITH CB18-31 OR CBS18-31 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85				95				105				115						
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1000	35,800	2870	.74	.84	.94	33,700	3040	.76	.87	.96	31,500	3240	.78	.89	.99	29,400	3480	.81	.92	1.00
	1250	37,800	2960	.79	.90	.99	35,600	3130	.81	.92	1.00	33,400	3340	.83	.95	1.00	31,000	3590	.86	.99	1.00
	1500	39,500	3030	.83	.95	1.00	37,100	3210	.85	.97	1.00	34,600	3420	.88	1.00	1.00	32,400	3670	.91	1.00	1.00
67	1000	38,300	2980	.60	.69	.78	36,100	3160	.61	.71	.80	33,900	3370	.62	.72	.83	31,500	3620	.63	.75	.86
	1250	40,400	3080	.62	.73	.83	38,000	3260	.63	.75	.86	35,600	3470	.65	.77	.89	33,100	3710	.67	.80	.92
	1500	42,000	3140	.65	.77	.89	39,400	3320	.66	.79	.91	36,800	3530	.68	.82	.94	34,100	3780	.70	.85	.98
71	1000	40,600	3090	.46	.55	.64	38,400	3270	.47	.56	.65	36,000	3490	.47	.57	.67	33,600	3750	.48	.59	.69
	1250	42,900	3180	.47	.58	.68	40,400	3370	.48	.59	.70	37,800	3590	.49	.60	.72	35,200	3840	.50	.62	.74
	1500	44,500	3250	.49	.60	.71	41,800	3440	.49	.62	.74	39,100	3650	.50	.63	.76	36,300	3910	.51	.65	.79

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

HS16-411V WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85				95				105				115						
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1000	36,200	2880	.75	.85	.94	34,000	3050	.76	.87	.97	31,800	3260	.79	.90	.99	29,700	3500	.81	.93	1.00
	1250	38,200	2970	.79	.90	1.00	35,900	3150	.81	.93	1.00	33,600	3360	.84	.96	1.00	31,200	3600	.87	.99	1.00
	1500	39,800	3050	.83	.95	1.00	37,400	3230	.86	.98	1.00	34,900	3440	.89	1.00	1.00	32,700	3700	.92	1.00	1.00
67	1000	38,700	2990	.60	.69	.79	36,400	3180	.61	.71	.81	34,200	3390	.62	.73	.83	31,800	3640	.64	.75	.86
	1250	40,800	3090	.62	.73	.84	38,400	3270	.64	.75	.87	35,900	3490	.65	.78	.90	33,400	3730	.67	.80	.93
	1500	42,300	3160	.65	.77	.89	39,800	3340	.67	.80	.92	37,100	3550	.69	.82	.95	34,300	3800	.71	.86	.98
71	1000	41,000	3100	.46	.55	.64	38,800	3290	.47	.56	.66	36,400	3510	.47	.57	.67	34,000	3770	.48	.59	.69
	1250	43,300	3200	.47	.58	.68	40,800	3390	.48	.59	.70	38,200	3610	.49	.61	.72	35,500	3860	.50	.62	.75
	1500	44,900	3270	.49	.60	.72	42,200	3450	.49	.62	.74	39,400	3670	.50	.64	.77	36,600	3920	.52	.66	.80

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

HS16-411V WITH C16-51FF OR 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1000	36,900	2910	.75	.85	.95	34,600	3080	.77	.88	.97	32,400	3290	.79	.91	1.00	30,200	3530	.82	.94	1.00
	1250	39,000	3010	.80	.91	1.00	36,700	3180	.82	.94	1.00	34,200	3390	.85	.97	1.00	31,900	3630	.88	.99	1.00
	1500	40,700	3080	.84	.96	1.00	38,100	3260	.87	.99	1.00	35,900	3470	.90	1.00	1.00	33,400	3730	.93	1.00	1.00
67	1000	39,300	3020	.60	.70	.79	37,000	3200	.61	.71	.81	34,700	3410	.62	.73	.84	32,300	3660	.64	.76	.87
	1250	41,500	3120	.63	.74	.85	39,000	3300	.64	.76	.88	36,400	3510	.66	.78	.91	33,800	3750	.68	.81	.94
	1500	43,100	3190	.66	.78	.90	40,400	3360	.67	.81	.93	37,600	3570	.69	.84	.96	34,800	3810	.72	.87	.99
71	1000	41,700	3130	.46	.56	.65	39,300	3320	.47	.57	.66	36,900	3530	.47	.58	.68	34,300	3780	.48	.59	.70
	1250	44,000	3220	.48	.58	.69	41,300	3410	.48	.60	.71	38,700	3630	.49	.61	.73	36,000	3880	.50	.63	.75
	1500	45,600	3290	.49	.61	.73	42,800	3470	.50	.63	.75	39,900	3690	.51	.64	.78	37,000	3940	.52	.67	.81

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

HS16-411V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1000	36,600	2900	.75	.85	.94	34,400	3070	.76	.87	.97	32,100	3280	.78	.90	.99	29,900	3520	.81	.93	1.00
	1250	38,600	3000	.79	.90	1.00	36,300	3170	.81	.93	1.00	34,000	3380	.84	.96	1.00	31,600	3620	.87	.99	1.00
	1500	40,300	3070	.83	.95	1.00	38,000	3250	.86	.98	1.00	35,300	3460	.89	1.00	1.00	33,000	3710	.92	1.00	1.00
67	1000	39,100	3020	.60	.69	.79	36,900	3200	.61	.71	.81	34,500	3410	.62	.73	.83	32,100	3660	.63	.75	.86
	1250	41,300	3110	.62	.73	.84	38,800	3290	.64	.75	.86	36,300	3510	.65	.77	.90	33,700	3750	.67	.80	.93
	1500	42,900	3180	.65	.77	.89	40,200	3360	.67	.79	.92	37,500	3570	.68	.82	.95	34,700	3810	.71	.86	.98
71	1000	41,500	3120	.46	.55	.64	39,200	3310	.47	.56	.66	36,700	3530	.47	.57	.67	34,300	3780	.48	.59	.69
	1250	43,800	3220	.47	.58	.68	41,200	3410	.48	.59	.70	38,500	3630	.49	.61	.72	35,800	3880	.50	.62	.75
	1500	45,400	3290	.49	.60	.72	42,600	3470	.49	.62	.74	39,800	3690	.50	.64	.77	37,000	3940	.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.

HS16-411V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1000	37,700	2950	.75	.85	.95	35,400	3130	.77	.88	.98	33,100	3330	.79	.90	1.00	30,800	3580	.81	.94	1.00
	1250	39,800	3050	.79	.91	1.00	37,400	3230	.82	.94	1.00	34,900	3430	.85	.97	1.00	32,500	3680	.88	1.00	1.00
	1500	41,300	3120	.84	.97	1.00	38,800	3300	.87	.99	1.00	36,400	3510	.90	1.00	1.00	34,100	3780	.94	1.00	1.00
67	1000	40,400	3070	.60	.69	.79	38,100	3260	.61	.71	.81	35,600	3470	.62	.73	.84	33,100	3720	.64	.75	.87
	1250	42,600	3170	.63	.74	.85	40,000	3350	.64	.76	.87	37,300	3560	.66	.78	.91	34,600	3810	.68	.81	.94
	1500	44,100	3230	.66	.78	.90	41,300	3410	.67	.81	.93	38,400	3620	.69	.84	.97	35,700	3870	.72	.87	1.00
71	1000	43,100	3190	.46	.55	.64	40,600	3380	.46	.56	.66	38,000	3600	.47	.57	.68	35,400	3850	.48	.59	.70
	1250	45,200	3280	.47	.58	.68	42,500	3470	.48	.59	.70	39,700	3690	.49	.61	.73	36,900	3940	.50	.63	.75
	1500	46,700	3340	.49	.61	.73	43,900	3530	.50	.62	.75	40,900	3750	.51	.64	.78	38,000	4000	.52	.66	.81

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

HS16-411V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1000	38,400	2990	.76	.87	.97	36,100	3160	.78	.89	.99	33,800	3370	.80	.92	1.00	31,400	3620	.83	.96	1.00
	1250	40,600	3090	.82	.94	1.00	38,200	3270	.84	.97	1.00	35,700	3480	.87	.99	1.00	33,400	3740	.90	1.00	1.00
	1500	42,400	3160	.87	.99	1.00	40,000	3350	.90	1.00	1.00	37,600	3580	.93	1.00	1.00	35,300	3840	.97	1.00	1.00
67	1000	41,100	3110	.60	.71	.81	38,700	3290	.61	.72	.83	36,200	3500	.63	.74	.86	33,600	3750	.65	.77	.89
	1250	43,200	3200	.64	.76	.87	40,600	3380	.65	.78	.90	37,800	3590	.67	.81	.94	35,100	3830	.69	.84	.97
	1500	44,600	3260	.67	.81	.94	41,800	3440	.69	.84	.97	39,100	3650	.72	.87	1.00	36,100	3900	.74	.91	1.00
71	1000	43,800	3220	.46	.56	.65	41,200	3410	.47	.57	.67	38,600	3630	.47	.58	.69	35,900	3880	.48	.60	.71
	1250	45,900	3310	.48	.59	.70	43,100	3500	.48	.61	.72	40,300	3710	.49	.62	.75	37,400	3960	.50	.64	.78
	1500	47,400	3370	.50	.63	.75	44,400	3560	.50	.64	.78	41,400	3770	.52	.66	.81	38,400	4020	.53	.69	.85

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

HS16-411V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1000	37,600	2950	.76	.86	.96	35,400	3120	.78	.89	.99	33,100	3330	.80	.92	1.00	30,800	3580	.83	.95	1.00
	1250	39,800	3050	.81	.93	1.00	37,400	3230	.83	.95	1.00	34,900	3440	.86	.99	1.00	32,700	3690	.89	1.00	1.00
	1500	41,500	3120	.86	.98	1.00	39,000	3300	.89	1.00	1.00	36,600	3530	.92	1.00	1.00	34,400	3800	.95	1.00	1.00
67	1000	40,200	3060	.60	.70	.80	37,800	3250	.61	.72	.82	35,400	3460	.63	.74	.85	32,900	3710	.65	.77	.88
	1250	42,400	3160	.63	.75	.86	39,800	3340	.65	.77	.89	37,200	3550	.67	.80	.92	34,500	3800	.69	.83	.96
	1500	43,900	3230	.67	.80	.92	41,200	3410	.68	.82	.95	38,300	3620	.71	.85	.98	35,500	3870	.73	.89	1.00
71	1000	42,600	3170	.46	.56	.65	40,200	3360	.47	.57	.67	37,600	3580	.47	.58	.69	35,000	3830	.48	.60	.71
	1250	44,800	3270	.48	.59	.70	42,200	3450	.48	.60	.72	39,400	3670	.49	.62	.74	36,600	3930	.50	.64	.77
	1500	46,400	3330	.49	.62	.74	43,600	3520	.50	.64	.77	40,700	3740	.51	.66	.79	37,700	3990	.52	.68	.83

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

HS16-411V WITH CB19-31 OR CBH19-31 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1000	37,200	2930	.76	.87	.97	35,100	3110	.78	.89	.99	32,900	3320	.81	.92	1.00	30,600	3570	.83	.95	1.00
	1250	39,400	3030	.81	.93	1.00	37,100	3210	.84	.96	1.00	34,800	3430	.87	.98	1.00	32,600	3680	.90	1.00	1.00
	1500	41,100	3110	.86	.98	1.00	38,800	3290	.89	1.00	1.00	36,400	3510	.92	1.00	1.00	34,100	3780	.95	1.00	1.00
67	1000	39,800	3050	.61	.71	.81	37,500	3230	.62	.72	.83	35,100	3440	.63	.75	.86	32,700	3690	.65	.77	.89
	1250	41,900	3140	.64	.76	.87	39,400	3320	.65	.78	.90	36,800	3530	.67	.80	.93	34,100	3780	.69	.84	.96
	1500	43,400	3200	.67	.80	.92	40,600	3380	.69	.83	.95	37,900	3600	.71	.86	.98	35,300	3840	.74	.89	1.00
71	1000	42,200	3150	.46	.56	.66	39,800	3340	.47	.57	.67	37,300	3560	.47	.58	.69	34,800	3820	.48	.60	.71
	1250	44,300	3240	.48	.59	.70	41,700	3430	.49	.61	.72	39,000	3650	.49	.62	.75	36,300	3900	.51	.64	.78
	1500	45,800	3310	.49	.62	.75	43,000	3490	.50	.64	.77	40,200	3710	.52	.66	.80	37,400	3960	.53	.68	.83

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

RATINGS

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

HS16-411V WITH CB19-41 OR CBH19-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1000	37,200	2930	.76	.87	.97	35,100	3110	.78	.90	.99	32,900	3320	.81	.92	1.00	30,600	3570	.83	.95	1.00
	1250	39,400	3030	.81	.93	1.00	37,200	3210	.84	.96	1.00	34,800	3430	.87	.98	1.00	32,600	3680	.90	1.00	1.00
	1500	41,100	3110	.86	.98	1.00	38,800	3290	.89	1.00	1.00	36,400	3510	.92	1.00	1.00	34,100	3780	.95	1.00	1.00
67	1000	39,800	3050	.61	.71	.81	37,500	3230	.62	.72	.83	35,100	3440	.63	.75	.86	32,700	3690	.65	.77	.89
	1250	41,900	3140	.64	.76	.87	39,400	3320	.65	.78	.90	36,800	3530	.67	.80	.93	34,100	3780	.69	.84	.96
	1500	43,400	3200	.67	.80	.92	40,600	3380	.69	.83	.95	37,900	3600	.71	.86	.98	35,300	3840	.74	.89	1.00
71	1000	42,200	3150	.46	.56	.66	39,800	3340	.47	.57	.67	37,300	3560	.47	.58	.69	34,800	3820	.48	.60	.71
	1250	44,300	3240	.48	.59	.70	41,700	3430	.49	.61	.72	39,000	3650	.49	.62	.75	36,300	3900	.51	.64	.78
	1500	45,800	3310	.50	.62	.75	43,100	3490	.50	.64	.77	40,200	3710	.52	.66	.80	37,300	3960	.53	.68	.83

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

HS16-411V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1000	38,700	3000	.76	.87	.96	36,300	3180	.78	.89	.99	34,100	3390	.80	.92	1.00	31,700	3630	.83	.95	1.00
	1250	41,000	3100	.81	.93	1.00	38,500	3280	.84	.96	1.00	36,100	3500	.87	.99	1.00	33,700	3750	.90	1.00	1.00
	1500	42,800	3180	.86	.99	1.00	40,300	3360	.89	1.00	1.00	37,900	3590	.92	1.00	1.00	35,500	3850	.96	1.00	1.00
67	1000	41,300	3110	.60	.70	.80	38,800	3300	.61	.72	.83	36,300	3510	.63	.74	.85	33,800	3760	.65	.77	.89
	1250	43,500	3210	.64	.75	.87	40,800	3390	.65	.78	.90	38,100	3600	.67	.80	.93	35,300	3850	.69	.84	.96
	1500	45,000	3270	.67	.80	.93	42,200	3460	.69	.83	.96	39,300	3660	.71	.86	.99	36,500	3910	.74	.90	1.00
71	1000	43,700	3220	.46	.56	.65	41,200	3410	.47	.57	.67	38,600	3630	.47	.58	.69	35,900	3880	.48	.60	.71
	1250	46,000	3310	.48	.59	.70	43,200	3500	.48	.60	.72	40,300	3720	.49	.62	.75	37,500	3970	.50	.64	.78
	1500	47,500	3380	.49	.62	.75	44,600	3560	.50	.64	.77	41,600	3780	.51	.66	.80	38,600	4030	.53	.68	.84

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

HS16-461V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1100	41,000	3420	.71	.81	.92	38,900	3660	.73	.84	.94	36,700	3880	.75	.86	.97	34,400	4100	.77	.89	.99
	1300	42,700	3480	.74	.86	.96	40,400	3730	.76	.88	.98	38,100	3960	.78	.91	1.00	35,800	4180	.81	.94	1.00
	1500	43,900	3540	.78	.90	.99	41,700	3790	.80	.92	1.00	39,400	4030	.82	.95	1.00	36,900	4250	.85	.98	1.00
67	1100	43,600	3520	.57	.66	.75	41,400	3780	.58	.67	.77	39,200	4020	.59	.69	.79	36,900	4240	.60	.71	.82
	1300	45,400	3600	.59	.69	.79	43,100	3860	.60	.70	.81	40,700	4100	.61	.72	.84	38,300	4320	.63	.74	.87
	1500	46,800	3670	.61	.72	.83	44,400	3920	.62	.74	.86	41,900	4160	.63	.76	.88	39,300	4380	.65	.78	.92
71	1100	46,200	3640	.44	.53	.61	44,000	3900	.45	.54	.63	41,600	4140	.45	.55	.64	39,300	4370	.46	.56	.66
	1300	48,100	3720	.45	.55	.64	45,700	3980	.46	.56	.65	43,200	4220	.46	.57	.67	40,700	4450	.47	.58	.69
	1500	49,600	3780	.46	.56	.67	47,000	4040	.47	.58	.68	44,400	4280	.47	.59	.70	41,700	4510	.48	.60	.72

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

HS16-461V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1100	41,700	3450	.71	.81	.91	39,600	3690	.73	.83	.94	37,300	3920	.74	.86	.96	35,000	4130	.77	.89	.99
	1300	43,500	3520	.74	.85	.96	41,200	3760	.76	.88	.98	38,800	4000	.78	.91	1.00	36,500	4220	.80	.93	1.00
	1500	44,800	3580	.77	.90	.99	42,500	3830	.79	.92	1.00	40,200	4070	.82	.95	1.00	37,600	4280	.84	.98	1.00
67	1100	44,400	3560	.57	.66	.75	42,200	3810	.58	.67	.77	39,900	4060	.59	.69	.79	37,600	4280	.60	.71	.82
	1300	46,300	3640	.59	.69	.79	43,900	3890	.60	.70	.81	41,500	4130	.61	.72	.84	39,000	4360	.62	.74	.87
	1500	47,800	3710	.61	.72	.83	45,300	3960	.62	.73	.85	42,700	4200	.63	.75	.88	40,000	4410	.65	.78	.91
71	1100	47,100	3680	.44	.53	.61	44,800	3930	.45	.54	.62	42,400	4180	.45	.55	.64	39,900	4410	.46	.56	.65
	1300	49,000	3760	.45	.55	.64	46,500	4020	.46	.56	.65	44,000	4260	.46	.57	.67	41,300	4490	.47	.58	.69
	1500	50,500	3820	.46	.56	.66	47,900	4080	.47	.57	.68	45,200	4320	.47	.59	.70	42,400	4540	.48	.60	.72

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

RATINGS

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

HS16-461V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	43,400	3510	.72	.83	.93	41,100	3760	.74	.85	.96	38,900	4000	.76	.88	.99	36,500	4220	.78	.91	1.00
	1300	45,200	3600	.76	.88	.99	42,900	3840	.78	.90	1.00	40,400	4080	.80	.93	1.00	37,900	4300	.83	.96	1.00
	1500	46,700	3660	.80	.93	1.00	44,100	3910	.82	.95	1.00	41,600	4140	.85	.98	1.00	39,200	4370	.88	1.00	1.00
67	1100	46,300	3640	.58	.67	.77	43,900	3890	.58	.68	.79	41,500	4140	.60	.70	.81	39,000	4360	.61	.72	.84
	1300	48,100	3720	.60	.70	.81	45,600	3970	.61	.72	.84	43,000	4210	.62	.74	.86	40,300	4430	.64	.77	.89
	1500	49,500	3780	.62	.74	.86	46,800	4030	.63	.76	.89	44,000	4270	.65	.78	.92	41,400	4490	.67	.81	.95
71	1100	49,200	3770	.44	.53	.62	46,700	4020	.45	.54	.63	44,100	4270	.45	.55	.65	41,500	4490	.46	.56	.67
	1300	51,000	3840	.45	.55	.65	48,400	4100	.46	.56	.67	45,600	4340	.46	.58	.69	42,800	4560	.47	.59	.71
	1500	52,400	3900	.46	.58	.69	49,600	4150	.47	.59	.70	46,700	4400	.48	.60	.72	43,800	4620	.49	.62	.75

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

HS16-461V WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	41,200	3420	.71	.81	.92	39,000	3660	.73	.84	.94	36,800	3890	.75	.86	.96	34,500	4110	.77	.89	.99
	1300	42,800	3490	.74	.86	.96	40,500	3730	.76	.88	.98	38,300	3970	.78	.91	1.00	36,100	4190	.81	.93	1.00
	1500	44,100	3550	.78	.90	.99	41,900	3800	.80	.92	1.00	39,600	4040	.82	.95	1.00	37,200	4260	.85	.98	1.00
67	1100	43,700	3530	.57	.66	.75	41,700	3780	.58	.67	.77	39,400	4030	.59	.69	.79	37,100	4250	.60	.71	.82
	1300	45,600	3610	.59	.69	.79	43,300	3870	.60	.70	.81	40,900	4110	.61	.72	.84	38,500	4330	.62	.74	.87
	1500	47,000	3680	.61	.72	.83	44,600	3930	.62	.74	.86	42,100	4170	.63	.76	.88	39,500	4390	.65	.78	.91
71	1100	46,400	3650	.44	.53	.61	44,100	3910	.45	.54	.63	41,800	4150	.45	.55	.64	39,400	4380	.46	.56	.66
	1300	48,300	3730	.45	.55	.64	45,900	3990	.46	.56	.65	43,400	4230	.46	.57	.67	40,800	4460	.47	.58	.69
	1500	49,800	3790	.46	.56	.67	47,200	4050	.47	.58	.68	44,600	4290	.47	.59	.70	41,900	4520	.48	.60	.72

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

HS16-461V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	43,700	3530	.73	.84	.94	41,500	3770	.74	.86	.97	39,200	4010	.76	.89	.99	36,800	4230	.79	.92	1.00
	1300	45,600	3610	.77	.89	.99	43,200	3860	.79	.92	1.00	40,800	4100	.81	.95	1.00	38,300	4320	.84	.98	1.00
	1500	47,000	3680	.81	.94	1.00	44,600	3930	.83	.97	1.00	42,200	4160	.86	.99	1.00	39,700	4400	.89	1.00	1.00
67	1100	46,800	3660	.58	.67	.77	44,300	3910	.59	.69	.79	41,900	4150	.60	.71	.82	39,300	4370	.61	.73	.85
	1300	48,600	3730	.60	.71	.82	46,000	3980	.61	.73	.85	43,300	4220	.63	.75	.88	40,600	4440	.64	.78	.91
	1500	49,900	3790	.63	.75	.87	47,200	4040	.64	.77	.90	44,400	4280	.66	.80	.93	41,600	4490	.67	.83	.97
71	1100	49,700	3780	.44	.54	.63	47,200	4040	.45	.54	.64	44,500	4280	.45	.55	.65	41,800	4510	.46	.57	.67
	1300	51,400	3860	.45	.56	.66	48,800	4110	.46	.57	.68	46,000	4350	.47	.58	.69	43,200	4580	.47	.60	.72
	1500	52,800	3910	.47	.58	.69	50,100	4170	.47	.59	.71	47,100	4410	.48	.61	.74	44,100	4630	.49	.63	.76

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

HS16-461V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	42,200	3470	.72	.82	.92	40,000	3700	.73	.84	.94	37,700	3940	.75	.87	.97	35,500	4160	.77	.89	.99
	1300	43,900	3540	.75	.86	.97	41,600	3790	.77	.89	.99	39,400	4020	.79	.91	1.00	37,000	4240	.81	.94	1.00
	1500	45,500	3610	.78	.91	1.00	43,100	3860	.80	.93	1.00	40,700	4090	.83	.96	1.00	38,200	4310	.86	.98	1.00
67	1100	44,900	3580	.57	.66	.76	42,700	3840	.58	.68	.78	40,300	4080	.59	.69	.80	37,900	4300	.60	.71	.82
	1300	46,800	3670	.59	.69	.80	44,400	3920	.60	.71	.82	41,900	4150	.62	.73	.85	39,300	4370	.63	.75	.88
	1500	48,300	3730	.61	.72	.84	45,700	3980	.62	.74	.87	43,100	4220	.64	.76	.89	40,400	4430	.65	.79	.92
71	1100	47,600	3700	.44	.53	.62	45,200	3950	.45	.54	.63	42,800	4200	.45	.55	.64	40,200	4430	.46	.56	.66
	1300	49,500	3780	.45	.55	.64	46,900	4040	.46	.56	.66	44,300	4280	.46	.57	.68	41,600	4500	.47	.58	.70
	1500	50,900	3840	.46	.57	.67	48,300	4100	.47	.58	.69	45,500	4340	.48	.59	.71	42,700	4560	.48	.61	.73

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

RATINGS

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

HS16-461V WITH CB19-41 OR CBH19-41 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	42,300	3480	.73	.84	.94	40,100	3720	.75	.86	.96	37,900	3950	.77	.89	.98	35,700	4180	.79	.91	1.00
	1300	44,000	3550	.77	.89	.98	41,800	3800	.79	.91	1.00	39,500	4040	.81	.94	1.00	37,200	4260	.84	.96	1.00
	1500	45,500	3610	.80	.93	1.00	43,300	3860	.83	.95	1.00	40,900	4110	.85	.97	1.00	38,500	4340	.88	1.00	1.00
67	1100	45,000	3590	.58	.68	.77	42,800	3840	.59	.69	.79	40,400	4080	.60	.71	.82	38,100	4310	.61	.73	.85
	1300	46,800	3670	.60	.71	.82	44,400	3920	.61	.73	.85	41,900	4160	.63	.75	.87	39,300	4380	.64	.77	.90
	1500	48,200	3730	.62	.74	.87	45,600	3980	.64	.76	.89	43,000	4220	.65	.79	.92	40,200	4440	.67	.82	.95
71	1100	47,600	3700	.44	.54	.63	45,300	3960	.45	.55	.64	42,900	4210	.45	.56	.66	40,400	4440	.46	.57	.67
	1300	49,400	3780	.46	.56	.66	47,000	4040	.46	.57	.68	44,400	4280	.47	.58	.69	41,700	4510	.47	.60	.71
	1500	50,800	3840	.47	.58	.69	48,300	4100	.47	.59	.71	45,500	4340	.48	.61	.73	42,700	4560	.49	.62	.76

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

HS16-461V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	43,300	3520	.72	.83	.93	41,100	3760	.74	.85	.96	38,900	4000	.76	.88	.98	36,600	4220	.78	.91	1.00
	1300	45,200	3600	.76	.88	.99	42,900	3840	.78	.90	1.00	40,500	4080	.80	.93	1.00	38,000	4300	.83	.96	1.00
	1500	46,800	3660	.80	.93	1.00	44,100	3910	.82	.95	1.00	41,600	4140	.85	.98	1.00	39,200	4370	.87	1.00	1.00
67	1100	46,400	3640	.58	.67	.77	43,900	3900	.58	.68	.79	41,500	4140	.60	.70	.81	39,000	4360	.61	.72	.84
	1300	48,100	3720	.60	.70	.81	45,600	3970	.61	.72	.84	43,000	4210	.62	.74	.86	40,300	4430	.64	.77	.89
	1500	49,500	3780	.62	.74	.86	46,800	4030	.63	.76	.89	44,000	4270	.65	.78	.92	41,400	4490	.67	.81	.95
71	1100	49,200	3770	.44	.53	.62	46,700	4020	.45	.54	.63	44,100	4270	.45	.55	.65	41,500	4490	.46	.56	.67
	1300	51,000	3840	.45	.55	.65	48,300	4100	.46	.57	.67	45,600	4340	.47	.58	.69	42,800	4560	.47	.59	.71
	1500	52,300	3900	.46	.58	.69	49,600	4160	.47	.59	.70	46,700	4400	.48	.60	.72	43,800	4620	.49	.62	.75

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

HS16-461V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	42,900	3490	.71	.82	.92	40,600	3740	.73	.84	.95	38,400	3980	.75	.87	.97	36,100	4190	.77	.89	.99
	1300	44,600	3570	.75	.87	.97	42,300	3820	.77	.89	.99	40,000	4060	.79	.92	1.00	37,700	4270	.81	.95	1.00
	1500	46,100	3640	.78	.91	1.00	43,700	3880	.80	.94	1.00	41,200	4120	.83	.96	1.00	38,700	4340	.86	.99	1.00
67	1100	45,900	3620	.57	.66	.76	43,500	3880	.58	.68	.78	41,200	4120	.59	.69	.80	38,700	4340	.60	.71	.82
	1300	47,700	3700	.59	.69	.80	45,200	3960	.60	.71	.82	42,700	4190	.61	.73	.85	40,000	4420	.63	.75	.88
	1500	49,100	3760	.61	.72	.84	46,500	4010	.62	.74	.87	43,800	4250	.64	.77	.90	41,000	4470	.65	.79	.93
71	1100	48,800	3750	.44	.53	.61	46,300	4010	.45	.54	.63	43,800	4250	.45	.55	.64	41,300	4480	.46	.56	.66
	1300	50,700	3830	.45	.55	.64	48,100	4080	.46	.56	.66	45,400	4330	.46	.57	.67	42,600	4550	.47	.58	.69
	1500	52,000	3890	.46	.57	.67	49,300	4140	.47	.58	.69	46,500	4380	.47	.59	.71	43,600	4610	.48	.61	.73

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

HS16-461V 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) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84	Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F) 76	80	84
63	1100	43,000	3490	.72	.83	.93	40,700	3740	.74	.85	.96	38,400	3980	.76	.88	.98	36,100	4190	.78	.91	1.00
	1300	44,700	3570	.76	.88	.98	42,400	3820	.78	.90	1.00	40,000	4060	.80	.93	1.00	37,600	4280	.83	.96	1.00
	1500	46,200	3640	.80	.92	1.00	43,800	3890	.82	.95	1.00	41,200	4130	.85	.98	1.00	38,900	4350	.88	1.00	1.00
67	1100	45,700	3620	.58	.67	.77	43,400	3870	.59	.69	.79	41,000	4110	.60	.70	.81	38,500	4330	.61	.72	.84
	1300	47,600	3700	.60	.70	.81	45,100	3950	.61	.72	.84	42,500	4190	.62	.74	.87	39,900	4410	.64	.76	.90
	1500	49,000	3760	.62	.74	.86	46,400	4010	.63	.76	.89	43,700	4250	.65	.78	.91	41,000	4470	.67	.81	.95
71	1100	48,300	3730	.45	.54	.62	45,900	3990	.45	.54	.64	43,400	4230	.45	.55	.65	40,900	4460	.46	.57	.67
	1300	50,300	3810	.45	.56	.65	47,700	4070	.46	.57	.67	45,000	4310	.47	.58	.69	42,300	4540	.47	.59	.71
	1500	51,700	3880	.47	.58	.68	49,000	4130	.47	.59	.70	46,200	4370	.48	.60	.72	43,400	4590	.49	.62	.75

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

RATINGS

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

HS16-461V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1100	44,200	3550	.72	.83	.94	41,900	3800	.74	.86	.96	39,500	4040	.76	.88	.98	37,200	4260	.78	.91	1.00
	1300	46,000	3630	.76	.88	.99	43,700	3880	.78	.91	1.00	41,200	4120	.81	.94	1.00	38,700	4350	.83	.97	1.00
	1500	47,600	3700	.80	.93	1.00	45,200	3950	.82	.96	1.00	42,700	4190	.85	.98	1.00	40,200	4420	.88	1.00	1.00
67	1100	47,000	3670	.58	.67	.77	44,600	3930	.59	.69	.79	42,200	4170	.60	.70	.81	39,600	4390	.61	.72	.84
	1300	48,900	3760	.60	.71	.82	46,300	4010	.61	.72	.84	43,700	4250	.62	.74	.87	41,000	4470	.64	.77	.90
	1500	50,300	3820	.62	.74	.87	47,600	4070	.64	.76	.89	44,900	4300	.65	.79	.92	41,900	4520	.67	.82	.95
71	1100	49,700	3790	.44	.54	.62	47,200	4040	.45	.54	.64	44,600	4290	.45	.55	.65	41,900	4520	.46	.57	.67
	1300	51,600	3870	.45	.56	.66	49,000	4120	.46	.57	.67	46,200	4370	.47	.58	.69	43,300	4590	.47	.59	.71
	1500	53,100	3930	.46	.58	.69	50,300	4180	.47	.59	.71	47,400	4430	.48	.61	.73	44,400	4650	.49	.62	.76

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

HS16-511V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	45,500	3930	.78	.88	.97	42,800	4140	.79	.90	1.00	40,000	4320	.81	.92	1.00	37,200	4470	.83	.95	1.00
	1700	47,600	4010	.81	.92	1.00	44,700	4220	.83	.94	1.00	41,900	4420	.85	.97	1.00	39,100	4580	.87	1.00	1.00
	2000	49,200	4080	.84	.96	1.00	46,400	4290	.86	.99	1.00	43,200	4480	.88	1.00	1.00	40,500	4660	.91	1.00	1.00
67	1400	48,500	4050	.63	.73	.82	45,800	4270	.64	.74	.84	43,000	4470	.65	.75	.86	40,200	4650	.66	.77	.88
	1700	50,800	4140	.65	.76	.86	47,900	4370	.66	.77	.88	45,000	4570	.67	.79	.90	41,900	4750	.69	.81	.93
	2000	52,600	4210	.67	.79	.90	49,500	4440	.68	.80	.92	46,400	4640	.70	.82	.95	43,300	4830	.71	.85	.98
71	1400	51,500	4170	.49	.58	.68	48,700	4400	.49	.59	.69	45,900	4620	.50	.60	.70	43,100	4810	.50	.62	.72
	1700	53,900	4260	.50	.61	.70	51,000	4500	.50	.62	.72	48,000	4720	.51	.63	.73	45,000	4920	.52	.64	.75
	2000	55,700	4330	.51	.62	.73	52,700	4580	.52	.64	.75	49,500	4800	.52	.65	.77	46,400	5010	.53	.66	.79

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	47,800	4140	.77	.88	.99	45,400	4450	.79	.91	1.00	42,800	4740	.81	.94	1.00	40,200	4980	.84	.97	1.00
	1700	49,600	4210	.82	.95	1.00	47,000	4520	.84	.98	1.00	44,100	4810	.87	1.00	1.00	41,700	5080	.90	1.00	1.00
	2000	50,800	4250	.87	1.00	1.00	48,400	4590	.89	1.00	1.00	45,900	4900	.92	1.00	1.00	43,300	5180	.96	1.00	1.00
67	1400	51,200	4270	.60	.71	.81	48,400	4590	.61	.73	.84	45,600	4890	.63	.75	.87	42,700	5130	.64	.77	.90
	1700	52,600	4320	.63	.76	.88	49,700	4650	.65	.78	.91	46,700	4950	.66	.81	.94	43,700	5200	.68	.84	.98
	2000	53,600	4360	.66	.81	.94	50,700	4690	.68	.83	.97	47,600	4990	.70	.86	1.00	44,500	5250	.73	.89	1.00
71	1400	54,800	4400	.45	.56	.66	51,900	4740	.46	.57	.68	48,800	5050	.46	.58	.69	45,600	5310	.47	.60	.72
	1700	56,200	4450	.47	.59	.70	53,100	4790	.47	.60	.72	49,900	5100	.48	.62	.75	46,600	5370	.49	.63	.78
	2000	57,200	4490	.48	.62	.75	53,900	4830	.49	.63	.77	50,600	5140	.50	.65	.80	47,200	5410	.51	.67	.83

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	49,400	4080	.81	.93	1.00	46,700	4310	.83	.95	1.00	43,800	4520	.86	.98	1.00	41,100	4700	.89	1.00	1.00
	1700	51,600	4180	.86	.99	1.00	48,800	4410	.89	1.00	1.00	46,000	4620	.92	1.00	1.00	43,300	4820	.95	1.00	1.00
	2000	53,500	4250	.91	1.00	1.00	50,800	4490	.94	1.00	1.00	48,000	4730	.97	1.00	1.00	45,400	4950	1.00	1.00	1.00
67	1400	52,600	4210	.64	.75	.86	49,700	4450	.65	.77	.89	46,900	4670	.67	.79	.91	43,900	4860	.69	.82	.94
	1700	54,800	4300	.68	.80	.92	51,800	4540	.69	.82	.95	48,600	4760	.71	.85	.98	45,600	4960	.73	.88	1.00
	2000	56,400	4360	.71	.85	.98	53,200	4600	.73	.88	1.00	50,100	4830	.75	.90	1.00	46,900	5040	.77	.94	1.00
71	1400	55,900	4340	.49	.60	.70	52,900	4590	.50	.61	.72	50,000	4820	.50	.62	.73	46,900	5040	.51	.63	.76
	1700	58,100	4420	.51	.63	.75	55,000	4680	.51	.64	.76	51,900	4920	.52	.66	.79	48,700	5150	.53	.67	.81
	2000	59,800	4480	.52	.66	.79	56,600	4740	.53	.67	.81	53,300	5000	.54	.69	.84	50,000	5230	.55	.71	.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.

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	49,000	4070	.80	.91	1.00	46,300	4290	.82	.94	1.00	43,600	4500	.85	.97	1.00	40,700	4680	.87	1.00	1.00
	1700	51,400	4160	.85	.97	1.00	48,300	4380	.87	1.00	1.00	45,500	4600	.90	1.00	1.00	42,700	4790	.93	1.00	1.00
	2000	53,000	4220	.89	1.00	1.00	50,000	4460	.92	1.00	1.00	47,200	4680	.95	1.00	1.00	44,600	4900	.98	1.00	1.00
67	1400	52,100	4190	.64	.75	.85	49,200	4430	.65	.76	.87	46,400	4640	.66	.78	.90	43,700	4840	.68	.81	.93
	1700	54,200	4280	.67	.79	.91	51,400	4520	.68	.82	.93	48,400	4750	.70	.84	.96	45,300	4950	.72	.86	.99
	2000	56,000	4340	.70	.84	.96	52,900	4590	.71	.86	.99	49,900	4820	.74	.88	1.00	46,800	5030	.76	.91	1.00
71	1400	55,300	4320	.49	.59	.69	52,400	4560	.49	.60	.71	49,500	4800	.50	.61	.73	46,500	5010	.51	.63	.75
	1700	57,500	4400	.50	.62	.74	54,500	4650	.51	.63	.75	51,400	4900	.52	.65	.77	48,300	5120	.53	.66	.80
	2000	59,200	4460	.52	.65	.78	56,100	4720	.53	.66	.80	52,800	4970	.54	.68	.82	49,500	5200	.55	.70	.85

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

HS16-511V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	48,300	4040	.79	.90	1.00	45,700	4260	.81	.93	1.00	42,900	4460	.83	.95	1.00	40,100	4640	.86	.98	1.00
	1700	50,500	4130	.83	.96	1.00	47,700	4350	.86	.98	1.00	45,000	4560	.88	1.00	1.00	41,900	4750	.91	1.00	1.00
	2000	52,200	4200	.88	1.00	1.00	49,200	4420	.90	1.00	1.00	46,300	4640	.93	1.00	1.00	43,600	4840	.96	1.00	1.00
67	1400	51,600	4170	.63	.74	.84	48,800	4400	.64	.75	.86	45,900	4620	.65	.77	.88	43,100	4810	.67	.79	.91
	1700	53,700	4260	.66	.77	.89	50,800	4490	.67	.79	.92	47,800	4720	.69	.82	.94	44,700	4920	.70	.84	.97
	2000	55,500	4320	.68	.81	.94	52,200	4560	.70	.84	.97	49,100	4790	.72	.86	1.00	46,100	4990	.74	.89	1.00
71	1400	54,700	4290	.49	.59	.68	52,000	4540	.49	.60	.70	49,100	4780	.50	.61	.71	46,100	4990	.50	.62	.73
	1700	57,100	4380	.50	.61	.72	54,000	4640	.51	.62	.74	51,000	4870	.51	.64	.76	47,900	5100	.52	.65	.78
	2000	58,700	4440	.51	.64	.76	55,600	4700	.52	.65	.78	52,400	4950	.53	.67	.80	49,200	5180	.54	.68	.83

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	47,400	4010	.79	.90	1.00	44,700	4220	.81	.92	1.00	42,000	4420	.83	.95	1.00	39,300	4600	.86	.98	1.00
	1700	49,600	4090	.83	.95	1.00	46,800	4320	.85	.98	1.00	44,000	4520	.88	1.00	1.00	41,100	4700	.91	1.00	1.00
	2000	51,400	4160	.87	1.00	1.00	48,400	4390	.90	1.00	1.00	45,600	4600	.93	1.00	1.00	42,700	4790	.96	1.00	1.00
67	1400	50,400	4120	.63	.74	.84	47,700	4350	.64	.75	.86	44,900	4560	.66	.77	.88	42,000	4750	.67	.79	.92
	1700	52,700	4210	.66	.77	.89	49,700	4450	.67	.79	.91	46,700	4660	.69	.82	.94	43,700	4850	.71	.84	.97
	2000	54,400	4280	.68	.81	.94	51,300	4520	.70	.83	.96	48,200	4730	.72	.86	.99	44,900	4930	.74	.89	1.00
71	1400	53,300	4240	.49	.59	.68	50,500	4480	.49	.60	.70	47,600	4710	.50	.61	.72	44,800	4910	.51	.62	.74
	1700	55,700	4330	.50	.61	.72	52,700	4580	.51	.62	.74	49,600	4810	.52	.64	.76	46,600	5020	.52	.65	.78
	2000	57,400	4390	.51	.64	.76	54,300	4650	.52	.65	.78	51,200	4880	.53	.67	.80	48,000	5110	.54	.68	.82

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

HS16-511V WITH CR16-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	47,400	4000	.79	.89	.99	44,600	4210	.80	.91	1.00	41,700	4400	.82	.94	1.00	38,800	4570	.85	.97	1.00
	1700	49,500	4090	.82	.94	1.00	46,600	4310	.84	.97	1.00	43,500	4500	.87	1.00	1.00	40,500	4670	.89	1.00	1.00
	2000	51,200	4160	.86	.99	1.00	48,200	4370	.88	1.00	1.00	45,100	4580	.91	1.00	1.00	42,500	4780	.94	1.00	1.00
67	1400	50,500	4130	.63	.73	.83	47,700	4350	.64	.75	.85	44,800	4560	.65	.77	.87	41,900	4740	.67	.79	.90
	1700	52,800	4220	.66	.77	.88	49,800	4450	.67	.79	.90	46,800	4660	.68	.81	.93	43,700	4850	.70	.83	.96
	2000	54,600	4290	.68	.80	.92	51,400	4520	.69	.82	.95	48,300	4740	.71	.85	.98	45,000	4930	.73	.87	1.00
71	1400	53,500	4250	.49	.59	.68	50,700	4490	.49	.60	.70	47,800	4710	.50	.61	.71	44,800	4910	.51	.62	.73
	1700	56,000	4340	.50	.61	.72	53,000	4590	.51	.62	.73	49,800	4820	.51	.63	.75	46,600	5020	.52	.65	.77
	2000	57,800	4410	.51	.63	.75	54,700	4660	.52	.65	.77	51,300	4890	.52	.66	.79	48,100	5110	.54	.68	.81

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.

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	48,400	4040	.80	.92	1.00	45,500	4260	.82	.94	1.00	42,900	4470	.85	.97	1.00	40,200	4650	.87	1.00	1.00
	1700	50,600	4130	.85	.97	1.00	47,800	4360	.87	1.00	1.00	44,900	4570	.90	1.00	1.00	42,100	4760	.93	1.00	1.00
	2000	52,400	4200	.89	1.00	1.00	49,400	4430	.92	1.00	1.00	46,700	4650	.95	1.00	1.00	44,000	4870	.98	1.00	1.00
67	1400	51,400	4160	.64	.75	.85	48,600	4400	.65	.76	.87	45,800	4610	.66	.78	.90	42,900	4810	.68	.81	.93
	1700	53,700	4250	.67	.79	.91	50,700	4490	.68	.81	.94	47,700	4710	.70	.83	.96	44,700	4910	.72	.86	.99
	2000	55,300	4320	.70	.83	.96	52,300	4560	.71	.86	.99	49,100	4780	.73	.88	1.00	46,000	4980	.75	.91	1.00
71	1400	54,300	4280	.49	.59	.69	51,500	4520	.49	.60	.71	48,600	4760	.50	.62	.73	45,700	4970	.51	.63	.75
	1700	56,700	4370	.50	.62	.74	53,700	4620	.51	.63	.75	50,600	4860	.52	.65	.77	47,600	5080	.53	.67	.80
	2000	58,500	4430	.52	.65	.78	55,300	4690	.53	.66	.80	52,200	4940	.54	.68	.82	49,000	5170	.55	.70	.85

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	48,100	4040	.79	.90	1.00	45,500	4250	.81	.93	1.00	42,700	4460	.83	.95	1.00	40,000	4640	.86	.98	1.00
	1700	50,400	4130	.83	.95	1.00	47,600	4350	.86	.98	1.00	44,800	4560	.88	1.00	1.00	41,900	4740	.92	1.00	1.00
	2000	52,400	4200	.87	1.00	1.00	49,200	4420	.90	1.00	1.00	46,600	4640	.93	1.00	1.00	43,500	4840	.96	1.00	1.00
67	1400	51,200	4160	.63	.74	.84	48,400	4390	.64	.75	.86	45,600	4600	.66	.77	.88	42,700	4790	.67	.79	.92
	1700	53,500	4250	.66	.78	.89	50,500	4480	.67	.79	.92	47,600	4700	.69	.82	.94	44,500	4900	.71	.84	.97
	2000	55,200	4310	.69	.81	.94	52,100	4550	.70	.84	.96	48,900	4780	.72	.86	.99	45,800	4980	.74	.90	1.00
71	1400	54,100	4270	.49	.59	.69	51,300	4520	.49	.60	.70	48,400	4750	.50	.61	.72	45,500	4960	.51	.62	.74
	1700	56,500	4360	.50	.61	.72	53,500	4610	.51	.63	.74	50,500	4850	.52	.64	.76	47,400	5070	.52	.65	.78
	2000	58,300	4430	.52	.64	.76	55,200	4680	.52	.65	.78	52,000	4930	.53	.67	.80	48,800	5160	.54	.69	.83

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

HS16-511V WITH CB18-65 OR CBS18-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	49,600	4090	.79	.90	1.00	46,900	4320	.81	.92	1.00	44,200	4530	.83	.95	1.00	41,300	4710	.86	.98	1.00
	1700	52,000	4190	.84	.96	1.00	49,100	4420	.86	.98	1.00	46,000	4620	.88	1.00	1.00	43,100	4820	.91	1.00	1.00
	2000	53,500	4250	.88	1.00	1.00	50,600	4490	.90	1.00	1.00	47,700	4710	.93	1.00	1.00	44,900	4930	.96	1.00	1.00
67	1400	52,900	4220	.63	.74	.84	50,000	4460	.64	.75	.86	47,100	4680	.65	.77	.89	44,200	4880	.67	.79	.91
	1700	55,100	4310	.66	.78	.89	52,100	4550	.67	.80	.91	49,200	4780	.69	.82	.94	46,100	4990	.70	.85	.97
	2000	57,100	4380	.69	.82	.94	53,800	4630	.70	.84	.97	50,700	4860	.72	.87	1.00	47,500	5080	.74	.89	1.00
71	1400	56,200	4350	.49	.59	.68	53,300	4600	.49	.60	.70	50,400	4840	.50	.61	.71	47,300	5060	.50	.62	.73
	1700	58,600	4440	.50	.61	.72	55,500	4700	.51	.62	.74	52,400	4950	.51	.64	.76	49,200	5180	.52	.65	.79
	2000	60,300	4500	.51	.64	.76	57,100	4770	.52	.65	.78	53,900	5020	.53	.67	.81	50,600	5260	.54	.68	.83

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	48,500	4040	.80	.91	1.00	45,500	4260	.82	.93	1.00	42,600	4450	.84	.96	1.00	39,800	4620	.86	.99	1.00
	1700	50,600	4130	.84	.96	1.00	47,600	4350	.86	.99	1.00	44,600	4550	.88	1.00	1.00	41,900	4740	.91	1.00	1.00
	2000	52,200	4200	.88	1.00	1.00	49,300	4430	.90	1.00	1.00	46,600	4660	.93	1.00	1.00	44,100	4870	.96	1.00	1.00
67	1400	51,500	4170	.64	.74	.84	48,600	4400	.65	.76	.86	45,600	4610	.66	.78	.89	42,800	4800	.68	.80	.92
	1700	53,900	4260	.67	.78	.90	50,700	4490	.68	.80	.92	47,600	4710	.69	.82	.95	44,600	4900	.71	.85	.98
	2000	55,600	4330	.69	.82	.95	52,400	4560	.71	.84	.98	49,100	4780	.72	.87	1.00	45,900	4980	.74	.90	1.00
71	1400	54,600	4290	.49	.60	.69	51,600	4530	.50	.61	.71	48,600	4760	.50	.62	.72	45,600	4970	.51	.63	.74
	1700	57,000	4380	.51	.62	.73	53,900	4630	.51	.63	.75	50,600	4860	.52	.64	.76	47,500	5080	.53	.66	.79
	2000	58,800	4450	.52	.65	.77	55,500	4700	.53	.66	.78	52,400	4940	.53	.67	.81	49,100	5170	.54	.69	.83

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

RATINGS

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

HS16-511V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	49,800	4110	.81	.92	1.00	47,000	4330	.83	.94	1.00	44,400	4540	.85	.97	1.00	41,500	4720	.87	1.00	1.00
	1700	52,200	4200	.85	.98	1.00	49,300	4430	.88	1.00	1.00	46,400	4650	.90	1.00	1.00	43,700	4850	.94	1.00	1.00
	2000	54,100	4270	.90	1.00	1.00	51,200	4510	.93	1.00	1.00	48,300	4740	.95	1.00	1.00	45,600	4960	.98	1.00	1.00
67	1400	53,000	4230	.64	.75	.85	50,100	4460	.65	.77	.88	47,200	4680	.67	.79	.90	44,200	4880	.68	.81	.93
	1700	55,200	4320	.67	.79	.91	52,100	4560	.68	.81	.94	49,100	4780	.70	.84	.97	46,000	4990	.72	.87	1.00
	2000	56,900	4380	.70	.84	.97	53,800	4620	.72	.86	.99	50,600	4850	.74	.89	1.00	47,300	5070	.76	.92	1.00
71	1400	55,900	4340	.49	.60	.70	53,000	4590	.50	.61	.71	50,000	4830	.50	.62	.73	47,000	5050	.51	.63	.75
	1700	58,300	4430	.50	.62	.74	55,200	4690	.51	.64	.76	52,100	4930	.52	.65	.78	48,900	5160	.52	.67	.80
	2000	60,000	4500	.52	.65	.78	56,800	4760	.53	.67	.80	53,600	5010	.53	.68	.83	50,400	5250	.55	.70	.85

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	50,000	4110	.79	.90	1.00	47,200	4330	.81	.92	1.00	44,200	4530	.83	.95	1.00	41,400	4710	.85	.98	1.00
	1700	52,200	4200	.83	.95	1.00	49,200	4420	.85	.98	1.00	46,300	4640	.87	1.00	1.00	43,400	4830	.90	1.00	1.00
	2000	54,000	4270	.87	1.00	1.00	51,000	4500	.89	1.00	1.00	48,000	4720	.92	1.00	1.00	45,200	4930	.96	1.00	1.00
67	1400	53,400	4240	.63	.73	.83	50,500	4480	.64	.75	.85	47,500	4700	.65	.77	.88	44,600	4900	.67	.79	.90
	1700	55,700	4330	.65	.77	.88	52,600	4580	.67	.79	.91	49,600	4800	.68	.81	.94	46,400	5010	.70	.84	.97
	2000	57,500	4400	.68	.81	.94	54,300	4640	.70	.83	.97	51,000	4880	.71	.85	.99	47,600	5090	.73	.89	1.00
71	1400	56,700	4370	.48	.58	.68	53,700	4620	.49	.59	.69	50,700	4860	.50	.60	.71	47,700	5080	.50	.62	.73
	1700	59,100	4460	.50	.61	.72	56,000	4720	.50	.62	.73	52,900	4970	.51	.63	.75	49,500	5200	.52	.65	.77
	2000	61,000	4520	.51	.63	.75	57,800	4790	.52	.65	.77	54,300	5050	.52	.66	.79	51,000	5280	.53	.68	.82

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

HS16-511V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	50,800	4140	.81	.92	1.00	48,000	4370	.83	.94	1.00	45,100	4580	.85	.97	1.00	42,100	4760	.88	1.00	1.00
	1700	53,100	4230	.86	.98	1.00	50,100	4470	.88	1.00	1.00	47,300	4690	.91	1.00	1.00	44,500	4890	.94	1.00	1.00
	2000	55,100	4310	.91	1.00	1.00	52,100	4560	.93	1.00	1.00	49,300	4790	.96	1.00	1.00	46,700	5020	1.00	1.00	1.00
67	1400	54,100	4270	.64	.75	.85	51,200	4510	.65	.77	.88	48,100	4730	.66	.79	.91	45,100	4930	.68	.81	.93
	1700	56,400	4360	.67	.80	.92	53,200	4600	.69	.82	.94	50,000	4830	.70	.84	.97	46,900	5030	.72	.87	1.00
	2000	58,000	4420	.70	.84	.98	54,800	4670	.72	.87	1.00	51,500	4900	.74	.90	1.00	48,200	5120	.76	.93	1.00
71	1400	57,400	4400	.49	.59	.69	54,400	4650	.49	.60	.71	51,300	4890	.50	.62	.73	48,200	5120	.51	.63	.75
	1700	59,800	4480	.50	.62	.74	56,600	4740	.51	.64	.76	53,300	5000	.52	.65	.78	50,000	5230	.53	.67	.81
	2000	61,500	4540	.52	.65	.78	58,200	4810	.53	.67	.81	54,800	5070	.54	.69	.83	51,400	5310	.55	.71	.86

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

HS16-511V WITH CB19-65 OR CBH19-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1400	52,900	4220	.79	.89	1.00	50,000	4460	.80	.92	1.00	47,100	4680	.82	.94	1.00	44,100	4870	.85	.98	1.00
	1700	55,400	4320	.83	.95	1.00	52,200	4560	.85	.98	1.00	49,200	4790	.87	1.00	1.00	46,100	4990	.90	1.00	1.00
	2000	57,200	4390	.87	1.00	1.00	53,900	4630	.89	1.00	1.00	50,900	4880	.92	1.00	1.00	48,100	5110	.96	1.00	1.00
67	1400	56,100	4340	.63	.73	.83	53,200	4590	.64	.75	.85	50,100	4830	.65	.76	.88	47,000	5050	.67	.78	.91
	1700	58,700	4440	.66	.77	.89	55,600	4700	.67	.79	.91	52,300	4950	.68	.81	.94	49,200	5170	.70	.84	.97
	2000	60,700	4510	.68	.81	.94	57,600	4780	.70	.83	.97	53,900	5030	.71	.86	1.00	50,700	5260	.73	.89	1.00
71	1400	59,000	4450	.49	.58	.68	56,100	4720	.49	.59	.69	52,900	4980	.50	.60	.71	49,800	5220	.50	.62	.73
	1700	61,700	4550	.50	.61	.72	58,500	4830	.50	.62	.73	55,200	5090	.51	.63	.75	52,000	5340	.52	.65	.78
	2000	63,700	4620	.51	.64	.76	60,400	4910	.52	.65	.78	57,200	5180	.53	.66	.80	53,700	5430	.53	.68	.82

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

RATINGS

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	60,100	4800	.76	.86	.96	57,300	5140	.77	.88	.98	54,400	5480	.79	.91	.99	51,700	5850	.81	.93	1.00
	2000	63,100	4890	.81	.93	1.00	60,100	5250	.83	.95	1.00	57,200	5620	.85	.97	1.00	54,400	6000	.88	.99	1.00
	2400	65,600	4970	.87	.98	1.00	62,700	5330	.89	.99	1.00	59,900	5730	.91	1.00	1.00	57,200	6160	.93	1.00	1.00
67	1600	64,000	4920	.60	.70	.80	61,000	5270	.61	.72	.82	58,100	5650	.62	.73	.84	55,100	6040	.63	.75	.87
	2000	67,100	5010	.64	.75	.87	63,800	5380	.65	.77	.89	60,700	5770	.66	.79	.91	57,500	6180	.67	.81	.94
	2400	69,300	5080	.67	.81	.93	65,900	5470	.68	.83	.95	62,700	5870	.70	.85	.97	59,500	6290	.72	.87	.99
71	1600	67,900	5030	.46	.56	.65	64,800	5420	.46	.57	.66	61,800	5830	.47	.58	.68	58,800	6250	.47	.59	.69
	2000	71,200	5140	.48	.59	.70	68,000	5540	.48	.60	.72	64,800	5960	.49	.61	.73	61,500	6410	.49	.62	.75
	2400	73,700	5210	.49	.62	.75	70,300	5620	.50	.63	.77	66,900	6070	.51	.65	.79	63,600	6540	.52	.66	.81

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	59,600	4780	.75	.85	.95	56,800	5120	.76	.87	.97	54,100	5470	.78	.89	.99	51,400	5830	.80	.91	1.00
	2000	62,700	4880	.80	.91	1.00	59,800	5230	.82	.93	1.00	56,700	5590	.84	.96	1.00	54,000	5970	.86	.98	1.00
	2400	64,900	4950	.85	.97	1.00	61,800	5300	.87	.99	1.00	58,900	5690	.89	1.00	1.00	56,200	6100	.91	1.00	1.00
67	1600	63,400	4900	.60	.70	.79	60,500	5260	.61	.71	.81	57,700	5630	.61	.72	.83	54,800	6010	.63	.74	.85
	2000	66,500	4990	.63	.74	.85	63,400	5360	.64	.76	.87	60,300	5750	.65	.78	.89	57,200	6160	.67	.80	.92
	2400	68,800	5060	.66	.79	.91	65,500	5450	.67	.81	.93	62,300	5850	.69	.83	.95	59,200	6270	.70	.85	.98
71	1600	67,300	5020	.46	.55	.65	64,300	5400	.46	.56	.66	61,400	5800	.47	.57	.67	58,400	6230	.47	.58	.69
	2000	70,600	5120	.47	.58	.69	67,400	5520	.48	.59	.70	64,200	5940	.48	.60	.72	61,100	6380	.49	.62	.74
	2400	73,000	5190	.49	.61	.73	69,700	5600	.49	.62	.75	66,400	6050	.50	.64	.77	63,100	6510	.51	.65	.79

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

HS16-651V WITH CR16-51FF EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F) 85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	56,600	4680	.73	.82	.91	54,000	5000	.74	.83	.93	51,300	5340	.75	.85	.95	48,800	5680	.77	.87	.97
	2000	59,600	4780	.76	.87	.97	56,700	5120	.78	.89	.98	53,900	5460	.79	.91	1.00	51,200	5810	.81	.93	1.00
	2400	61,900	4850	.80	.91	1.00	58,900	5190	.81	.93	1.00	55,600	5540	.83	.96	1.00	52,700	5900	.85	.98	1.00
67	1600	60,200	4800	.59	.68	.76	57,400	5140	.59	.69	.78	54,800	5500	.60	.70	.79	52,100	5870	.61	.71	.81
	2000	63,500	4900	.61	.71	.81	60,500	5260	.62	.72	.82	57,600	5630	.63	.74	.84	54,700	6010	.64	.75	.87
	2400	65,900	4970	.63	.74	.85	62,800	5340	.64	.76	.87	59,700	5730	.65	.78	.89	56,700	6130	.67	.79	.92
71	1600	63,800	4910	.45	.54	.63	61,000	5270	.45	.55	.64	58,200	5650	.46	.56	.65	55,400	6060	.46	.57	.66
	2000	67,300	5010	.46	.57	.66	64,200	5400	.47	.57	.67	61,300	5800	.47	.58	.69	58,300	6230	.48	.59	.70
	2400	69,900	5100	.48	.59	.69	66,800	5490	.48	.60	.71	63,600	5910	.49	.61	.72	60,600	6350	.50	.62	.74

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	58,400	4740	.74	.83	.93	55,600	5070	.75	.85	.95	52,900	5410	.76	.87	.97	50,200	5770	.78	.89	.98
	2000	61,400	4840	.78	.89	.98	58,400	5180	.79	.91	1.00	55,700	5540	.81	.93	1.00	53,000	5910	.83	.95	1.00
	2400	63,800	4910	.82	.94	1.00	60,900	5260	.84	.96	1.00	57,600	5630	.86	.98	1.00	54,900	6010	.88	.99	1.00
67	1600	61,900	4850	.59	.68	.78	59,100	5210	.60	.70	.79	56,300	5570	.61	.71	.81	53,500	5950	.62	.73	.83
	2000	65,200	4950	.62	.72	.83	62,100	5320	.63	.74	.85	59,100	5700	.64	.76	.87	56,200	6100	.65	.77	.89
	2400	67,600	5020	.64	.76	.88	64,400	5400	.66	.78	.90	61,200	5800	.67	.80	.92	58,100	6210	.68	.82	.94
71	1600	65,400	4960	.46	.55	.64	62,500	5330	.46	.56	.65	59,700	5720	.47	.56	.66	56,900	6140	.47	.57	.67
	2000	68,900	5060	.47	.57	.67	65,800	5460	.47	.58	.69	62,700	5870	.48	.59	.70	59,700	6300	.49	.60	.72
	2400	71,500	5150	.48	.60	.71	68,300	5550	.49	.61	.72	65,000	5980	.50	.62	.74	61,800	6430	.50	.63	.76

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

RATINGS

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

HS16-651V WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	58,800	4760	.74	.84	.93	56,000	5090	.75	.86	.95	53,200	5430	.77	.88	.97	50,500	5790	.78	.90	.99
	2000	61,600	4850	.78	.90	.99	58,700	5190	.80	.92	1.00	55,900	5550	.82	.94	1.00	53,000	5920	.84	.96	1.00
	2400	64,000	4920	.83	.95	1.00	60,900	5270	.85	.97	1.00	57,900	5640	.87	.98	1.00	55,000	6030	.89	1.00	1.00
67	1600	62,600	4870	.59	.69	.78	59,700	5230	.60	.70	.80	56,900	5600	.61	.71	.81	54,200	5980	.62	.73	.83
	2000	65,800	4970	.62	.73	.83	62,700	5340	.63	.74	.85	59,600	5720	.64	.76	.87	56,600	6130	.65	.78	.90
	2400	68,100	5040	.65	.77	.89	64,800	5420	.66	.79	.91	61,600	5820	.67	.81	.93	58,300	6230	.69	.83	.96
71	1600	66,600	4990	.46	.55	.64	63,600	5370	.46	.56	.65	60,700	5770	.46	.56	.66	57,800	6190	.47	.57	.67
	2000	69,900	5090	.47	.57	.67	66,800	5490	.47	.58	.69	63,600	5910	.48	.59	.70	60,500	6350	.49	.60	.72
	2400	72,400	5170	.48	.60	.71	69,100	5580	.49	.61	.73	65,800	6010	.49	.62	.75	62,500	6480	.50	.64	.77

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	59,200	4770	.74	.83	.93	56,500	5100	.75	.85	.95	53,600	5450	.77	.87	.97	50,900	5810	.78	.89	.99
	2000	62,200	4870	.78	.89	.98	59,300	5210	.80	.91	1.00	56,500	5580	.81	.93	1.00	53,700	5960	.83	.95	1.00
	2400	64,800	4940	.82	.94	1.00	61,800	5300	.84	.96	1.00	58,500	5670	.86	.98	1.00	55,800	6070	.89	1.00	1.00
67	1600	62,900	4880	.59	.69	.78	60,000	5240	.60	.70	.79	57,100	5610	.61	.71	.81	54,300	5990	.62	.73	.83
	2000	66,200	4980	.62	.73	.83	63,100	5350	.63	.74	.85	60,000	5740	.64	.76	.87	57,000	6150	.65	.77	.89
	2400	68,600	5060	.65	.76	.88	65,400	5440	.66	.78	.90	62,200	5840	.67	.80	.92	59,000	6260	.68	.82	.95
71	1600	66,400	4990	.46	.55	.64	63,500	5370	.46	.56	.65	60,600	5770	.47	.56	.66	57,700	6190	.47	.57	.67
	2000	70,000	5100	.47	.57	.67	66,900	5500	.47	.58	.69	63,700	5920	.48	.59	.70	60,700	6360	.49	.60	.72
	2400	72,700	5180	.48	.60	.71	69,400	5590	.49	.61	.73	66,100	6030	.50	.62	.74	62,900	6500	.50	.63	.76

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

HS16-651V WITH CR16-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	58,800	4760	.74	.83	.93	56,000	5090	.75	.85	.95	53,300	5430	.76	.87	.97	50,600	5790	.78	.89	.99
	2000	61,800	4850	.78	.89	.98	58,900	5200	.79	.91	1.00	56,000	5550	.81	.93	1.00	53,000	5920	.83	.96	1.00
	2400	64,300	4920	.82	.94	1.00	60,700	5270	.84	.96	1.00	57,700	5640	.86	.98	1.00	54,900	6030	.88	1.00	1.00
67	1600	62,500	4870	.59	.69	.78	59,700	5230	.60	.70	.79	56,800	5590	.61	.71	.81	54,000	5980	.62	.73	.83
	2000	65,900	4970	.62	.72	.83	62,800	5340	.63	.74	.85	59,700	5730	.64	.75	.87	56,700	6130	.65	.77	.89
	2400	68,400	5050	.64	.76	.88	65,200	5430	.66	.78	.90	61,900	5830	.67	.80	.92	58,800	6250	.68	.82	.95
71	1600	66,200	4980	.45	.55	.64	63,300	5360	.46	.56	.65	60,400	5760	.46	.56	.66	57,500	6180	.47	.57	.67
	2000	69,900	5090	.47	.57	.67	66,700	5490	.47	.58	.69	63,600	5910	.48	.59	.70	60,600	6350	.48	.60	.72
	2400	72,600	5180	.48	.60	.71	69,300	5590	.49	.61	.72	66,100	6030	.49	.62	.74	62,800	6500	.50	.63	.76

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

RATINGS

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	62,200	4870	.75	.85	.95	59,400	5210	.76	.87	.97	56,500	5580	.78	.89	.99	53,600	5950	.80	.92	1.00
	2000	65,700	4970	.80	.92	1.00	62,500	5330	.82	.94	1.00	59,400	5710	.84	.97	1.00	56,500	6120	.86	.99	1.00
	2400	68,200	5050	.85	.98	1.00	65,200	5430	.88	.99	1.00	62,200	5840	.90	1.00	1.00	59,400	6290	.93	1.00	1.00
67	1600	66,400	4990	.60	.70	.79	63,300	5360	.61	.71	.81	60,300	5750	.61	.72	.83	57,200	6160	.63	.74	.85
	2000	69,800	5090	.63	.74	.86	66,500	5480	.64	.76	.88	63,200	5890	.65	.78	.90	59,900	6320	.67	.80	.93
	2400	72,300	5170	.66	.79	.92	68,700	5570	.68	.82	.94	65,200	5990	.69	.84	.96	62,000	6450	.71	.86	.98
71	1600	70,600	5120	.46	.55	.64	67,500	5520	.46	.56	.66	64,300	5940	.47	.57	.67	61,200	6390	.47	.58	.69
	2000	74,300	5230	.47	.58	.69	70,800	5650	.48	.59	.71	67,600	6110	.48	.60	.72	64,300	6590	.49	.62	.74
	2400	77,000	5320	.49	.61	.74	73,500	5760	.50	.63	.76	69,900	6230	.50	.64	.77	66,500	6720	.51	.65	.80

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

HS16-651V WITH CB19-51 OR CBH19-51 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	61,100	4830	.75	.85	.95	58,100	5170	.76	.87	.97	55,400	5530	.78	.89	.98	52,700	5900	.80	.91	1.00
	2000	64,300	4930	.80	.91	1.00	61,300	5290	.82	.94	1.00	58,300	5660	.84	.96	1.00	55,400	6060	.86	.98	1.00
	2400	67,000	5000	.85	.96	1.00	63,800	5380	.87	.98	1.00	60,800	5780	.89	1.00	1.00	58,100	6200	.91	1.00	1.00
67	1600	64,800	4940	.60	.70	.79	61,800	5310	.61	.71	.81	58,900	5690	.62	.72	.83	56,000	6090	.63	.74	.85
	2000	68,200	5040	.63	.74	.86	65,000	5430	.64	.76	.88	61,800	5830	.65	.78	.90	58,700	6250	.67	.80	.92
	2400	70,600	5120	.66	.79	.91	67,200	5520	.67	.81	.93	63,800	5930	.69	.83	.95	60,600	6360	.70	.85	.97
71	1600	68,500	5050	.46	.55	.65	65,600	5450	.46	.56	.66	62,600	5860	.47	.57	.67	59,500	6300	.47	.58	.69
	2000	72,200	5170	.47	.58	.69	68,900	5580	.48	.59	.70	65,800	6010	.48	.60	.72	62,500	6480	.49	.62	.74
	2400	74,800	5250	.49	.61	.73	71,400	5680	.49	.62	.75	68,100	6130	.50	.64	.77	64,800	6620	.51	.65	.79

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

HS16-651V WITH CB18-65 OR CBS18-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	60,600	4810	.74	.84	.93	57,700	5150	.75	.86	.95	54,800	5510	.77	.88	.98	52,100	5880	.79	.90	.99
	2000	63,700	4910	.78	.90	.99	60,600	5260	.80	.92	1.00	57,700	5630	.82	.94	1.00	54,600	6010	.84	.97	1.00
	2400	66,100	4980	.83	.95	1.00	62,800	5340	.85	.97	1.00	59,800	5730	.87	.99	1.00	56,900	6140	.89	1.00	1.00
67	1600	64,600	4930	.59	.69	.78	61,600	5300	.60	.70	.80	58,600	5680	.61	.71	.81	55,800	6080	.62	.73	.83
	2000	67,900	5030	.62	.73	.84	64,700	5410	.63	.74	.86	61,500	5810	.64	.76	.88	58,400	6230	.65	.78	.90
	2400	70,300	5110	.65	.77	.89	66,900	5500	.66	.79	.91	63,500	5910	.67	.81	.93	60,200	6340	.69	.83	.96
71	1600	68,700	5050	.46	.55	.64	65,600	5450	.46	.55	.65	62,600	5860	.46	.56	.66	59,600	6300	.47	.57	.67
	2000	72,200	5170	.47	.57	.68	69,000	5580	.47	.58	.69	65,700	6010	.48	.59	.70	62,500	6480	.48	.60	.72
	2400	74,900	5250	.48	.60	.72	71,400	5680	.49	.61	.73	68,100	6130	.49	.62	.75	64,800	6620	.50	.64	.77

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

RATINGS

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	60,300	4800	.75	.85	.95	57,400	5140	.76	.87	.96	54,600	5490	.78	.89	.98	51,800	5860	.79	.91	1.00
	2000	63,500	4900	.79	.91	1.00	60,400	5250	.81	.93	1.00	57,200	5610	.83	.95	1.00	54,100	5990	.85	.98	1.00
	2400	65,700	4970	.84	.96	1.00	62,600	5330	.86	.98	1.00	59,600	5720	.88	1.00	1.00	57,000	6150	.91	1.00	1.00
67	1600	64,100	4920	.60	.70	.79	61,100	5280	.61	.71	.81	58,200	5660	.62	.72	.83	55,300	6050	.63	.74	.85
	2000	67,600	5020	.63	.74	.85	64,300	5400	.64	.76	.87	61,200	5800	.65	.77	.89	58,100	6210	.66	.79	.91
	2400	70,100	5100	.66	.78	.90	66,800	5490	.67	.80	.92	63,400	5900	.69	.82	.95	60,200	6330	.70	.84	.97
71	1600	67,900	5030	.45	.55	.65	64,900	5420	.46	.56	.66	61,900	5830	.46	.57	.67	58,900	6260	.47	.58	.69
	2000	71,700	5150	.47	.58	.69	68,400	5560	.47	.59	.70	65,200	5980	.48	.60	.72	62,000	6440	.49	.62	.73
	2400	74,400	5230	.48	.61	.73	71,000	5660	.49	.62	.74	67,700	6110	.50	.64	.76	64,400	6590	.51	.65	.78

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

HS16-651V 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) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	61,600	4840	.73	.83	.93	58,700	5190	.75	.85	.95	55,800	5550	.76	.87	.97	53,000	5920	.78	.89	.99
	2000	64,900	4940	.78	.89	.99	61,300	5290	.79	.91	1.00	58,400	5660	.81	.93	1.00	55,300	6050	.83	.96	1.00
	2400	67,100	5010	.82	.94	1.00	63,700	5380	.84	.97	1.00	60,600	5770	.86	.99	1.00	57,500	6180	.89	1.00	1.00
67	1600	65,700	4970	.59	.68	.77	62,700	5340	.60	.69	.79	59,700	5720	.60	.71	.81	56,800	6140	.61	.72	.82
	2000	69,200	5070	.61	.72	.83	66,000	5460	.62	.74	.85	62,800	5870	.63	.75	.87	59,700	6300	.65	.77	.89
	2400	71,900	5150	.64	.76	.88	68,500	5560	.65	.78	.90	65,200	5980	.67	.80	.93	61,600	6420	.68	.82	.95
71	1600	69,900	5090	.45	.54	.63	66,800	5490	.46	.55	.64	63,800	5920	.46	.56	.65	60,800	6360	.47	.57	.67
	2000	73,700	5210	.47	.57	.67	70,400	5630	.47	.58	.68	67,200	6080	.48	.59	.70	63,800	6560	.48	.60	.71
	2400	76,600	5300	.48	.59	.71	73,200	5750	.49	60	.72	69,600	6220	.49	.62	.74	66,400	6710	.50	.63	.76

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

HS16-651V WITH CB19-65 OR CBH19-65 EVAPORATOR UNIT

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																		
		85					95				105				115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb (°F)		
				76	80	84			76	80	84			76	80	84			76	80	84
63	1600	64,800	4940	.73	.83	.93	61,800	5300	.75	.85	.95	58,800	5680	.76	.87	.97	55,700	6080	.78	.89	.99
	2000	68,400	5050	.78	.89	.99	65,000	5430	.79	.91	1.00	61,700	5820	.81	.93	1.00	58,600	6240	.83	.96	1.00
	2400	70,900	5120	.82	.95	1.00	67,500	5520	.84	.97	1.00	64,100	5930	.86	.99	1.00	60,900	6380	.89	1.00	1.00
67	1600	68,600	5050	.59	.68	.77	65,500	5450	.60	.69	.79	62,500	5860	.60	.71	.81	59,300	6290	.61	.72	.83
	2000	72,500	5170	.62	.72	.83	69,100	5580	.63	.74	.85	65,900	6010	.64	.75	.87	62,400	6480	.65	.77	.89
	2400	75,600	5260	.64	.76	.88	72,000	5700	.65	.78	.90	68,400	6150	.67	.80	.93	65,100	6630	.68	.82	.95
71	1600	72,500	5170	.46	.55	.63	69,300	5590	.46	.55	.64	66,100	6030	.46	.56	.66	63,000	6510	.47	.57	.67
	2000	76,500	5300	.47	.57	.67	73,200	5750	.47	.58	.68	69,900	6230	.48	.59	.70	66,600	6730	.48	.60	.71
	2400	80,000	5410	.48	.60	.71	76,300	5880	.49	.61	.72	72,800	6370	.49	.62	.74	69,100	6890	.50	.63	.76

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