

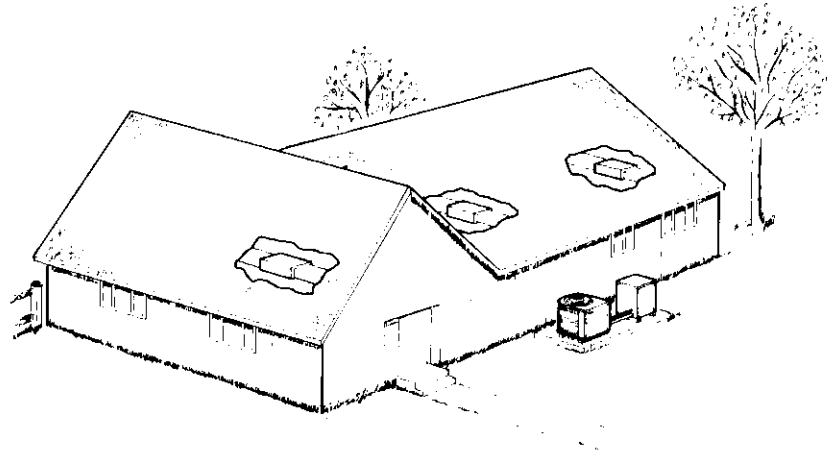


RTM1-65 — RTM1-135 — RTM1-185 REFRIGERANT TANK MODULES FOR ZONEMASTER™ SYSTEM CONDENSING UNITS



**RTM1-65
Refrigerant Tank Module**

Typical Application



ZONEMASTER System — The Lennox ZONEMASTER system is an expansion valve refrigerant system designed to give Lennox cooling equipment the ability to satisfy applications where one condensing unit, equipped with a two speed compressor, supplies more than one evaporator unit in multiple zone applications. The system consists of a Lennox condensing unit with two speed compressor, blower coil units, evaporator control kits and refrigerant tank module. Lennox gas or oil units with add-on cooling coils are also applicable for heating-cooling applications. The ZONEMASTER system utilizes the flexibility of the two speed compressor equipped Lennox condensing unit with independent zone control. Each zone is individually sized for the heating cooling load and is controlled by its own thermostat. Lennox blower coil units or furnaces with add-on evaporator units provide the heating cooling requirements of each zone. The refrigerant tank module contains a suction accumulator tank, liquid receiver tank, pressure controls and timing devices to interface the condensing unit operation with the multiple evaporator units. In addition, evaporator control kits are provided for separate control of each evaporator in the application. The ZONEMASTER system can be used in a broad range of residential and commercial applications. RTM units are tested and listed by ETL Testing Laboratories Inc.

System Equipment Data — See two speed compressor condensing unit bulletins in this tab section for complete data. For matching blower coil unit or add-on evaporator unit data see section Cooling Units — Coils Blower Coil Units.

Refrigerant Tank Module — The RTM module is designed for installation with the two speed compressor condensing units. The tank module installs outdoors adjacent to the condensing unit. Cabinet is constructed of heavy gauge galvanized steel and is subject to a five station metal wash process. This preparation process results in a perfect bonding surface for a finish coat of baked on outdoor enamel. The attractive enamel paint finish gives the cabinet long lasting protection from the weather. Removable front panel permits complete service access to the cabinet interior. Drainage holes are provided in the base for moisture removal. Heavy duty base support

channels raise the unit off the mounting surface away from damaging moisture. Suction accumulator tank and liquid receiver tank are factory piped with lines stubbed exterior to the cabinet for easy field connections. Accumulator tank and suction lines are factory insulated. Electrical inlets and wiring junction box are provided in the cabinet. Low pressure switches, timing relays and pump down interlock relay are factory mounted and wired in the module. A 220/24 volt transformer is required and must be ordered extra for field installation. The RTM1-135 and RTM1-185 modules are equipped with factory installed hot gas by-pass controls for reduced capacity control of the condensing unit. A hot gas by-pass kit (LB 52962BA) is available as optional equipment with the RTM1 65. Kit must be ordered extra for field installation. The RTM tank module is shipped factory assembled. Installer has only to set module in desired location, connect refrigerant lines and make necessary electrical connections.

Evaporator Control Kits — One kit is required for each evaporator unit in the system and must be ordered extra for field installation. The control kit consists of a heating-cooling thermostat with sub-base, expansion valve, liquid line solenoid valve (120/240 volt), control relay, filter/drier, and freestat. The thermostat sub-base is equipped with temperature setting selection levers, system selector switch (Heat-Off-Cool) and fan control switch (Auto-On). The fan switch provides a choice of intermittent or continuous blower operation during either heating or cooling cycles. Operating mode lights provide the following functions. One "Red" light is provided for the heating mode. An "Amber" light denotes the system is operating in the cooling mode. Two "Green" lights indicate compressor speed operation.

The following kits are available:	Model No.	Part No.
1-1/2 Ton Evaporators	EK1-21	LB-52911BA
2 and 2-1/2 Ton Evaporators	EK1 26/31	LB-52911BB
3 Ton Evaporators	EK1-41	Lb-52911BC
4 Ton Evaporators	EK1-51	LB-52911BD
5 Ton Evaporators	EK1 65	LB-52911BE
7-1/2 ton Evaporators	EK1 95	LB-52911BF

ARI RATINGS

NOTE The ratings in the table reflect typical unit combinations, other combinations may be applied within the system design limitations. Lennox recommends that the total peak evaporator tonnage not exceed the condensing unit capacity tonnage by more than 25%.

Condensing Unit Model No. ★ ARI Standard 270 SRN (bels)	*ARI Standard 210 or 1365 Ratings				Evaporator Unit		
	SEER (Btuh/ Watts)	EER (Btuh/ Watts)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal
HS14-651V HS14 653V (7.8)	10.20	8.25	62,500	7583	(3) C16-28FF or (3) C16-31FF	----	
	10.25	8.30	62,500	7509	(3)**CB18-26	----	(3)**CBS18-26
	12.75	9.75	70,000	7184	(3)**CB19-26	(3)**CB19-26	(3)**CBH19-26
HS17-953V (9.0)	9.80	8.45	89,500	10,261	(3) C16-41FF	- ..	----
	10.10	8.60	90,000	10,945	(3)**CB18-41	----	(3)**CBS18-41
	10.45	8.80	97,000	11,038	(3)*CB19-41	(3)**CB19-41	(3)**CBH19-41
HS17-1353V (9.0)	10.00	8.45	121,000	14,295	(4) C16-41FF	----	----
	10.20	8.55	121,000	14,160	(4)**CB18-41	----	(4)**CBS18-41
	10.65	8.95	128,000	14,340	(4)**CB19-41	(4)**CB19-41	(4)**CBH19-41
1HS17-1853V	9.55	8.40	187,000	22,334	(4) C16-51FF	----	----
					(4)**CB18-51	----	(4)**CBS18-51
	9.70	9.00	196,000	21,802	(4)**CB19-51	(4)**CB19-51	(4)**CBH19-51

★ Sound Rating Number in accordance with ARI Standard 270.

* Rated in accordance with ARI Standard 210 or 1365 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.

MINIMUM ZONE REQUIREMENTS

The condensing unit should not operate on less than the equivalent of the size evaporator listed in the table. This can be accomplished with a single evaporator or 2 evaporators electrically or mechanically linked together.

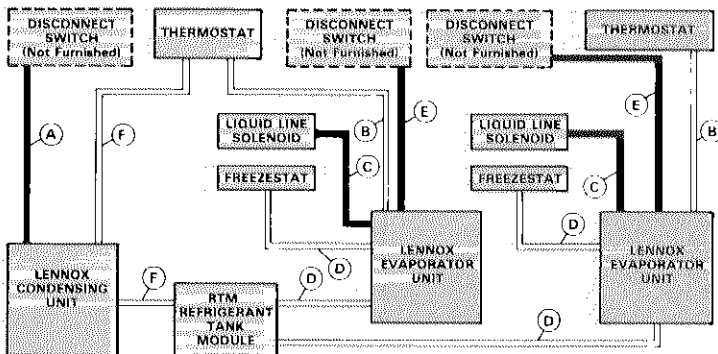
RTM1 Module	Condensing Unit Nominal Tons	Minimum Zone	Minimum Zone
		Without Hot Gas By-Pass Evaporator Nominal Tons	With Hot Gas By-Pass Evaporator Nominal Tons
RTM1-65	3	1	3/4
RTM1-65	4	1-1/2	1
RTM1-65	5	2	1-1/2
RTM1-135	7-1/2	*Not Available	2
RTM1-135	10	*Not Available	2-1/2
RTM1-185	15	*Not Available	3

*Hot Gas By-Pass is furnished as standard on the RTM1-135 and RTM1-185 modules.

SPECIFICATIONS

Model No.	RTM1-65	RTM1-135	RTM1-185
Accumulator — diameter x height (in.)	6 x 20-1/4	6 x 20-1/4	8-1/2 x 18
Receiver diameter x height (in.)	6 x 12	6 x 18	6 x 30
Receiver pump down capacity (lbs.)	10	16	20
Liquid line connections o.d. (in.) sweat	3/8	5/8	5/8
Suction line connections o.d. (in.) sweat	1-1/8	1-3/8	1-5/8
Hot gas by-pass line connection o.d. (in.) sweat	5/8	5/8	5/8
Electrical characteristics	24 volt - 60 hertz - 1 phase		
Shipping weight (lbs.)	108	140	190
Number of packages in shipment	1	1	1

TYPICAL FIELD WIRING

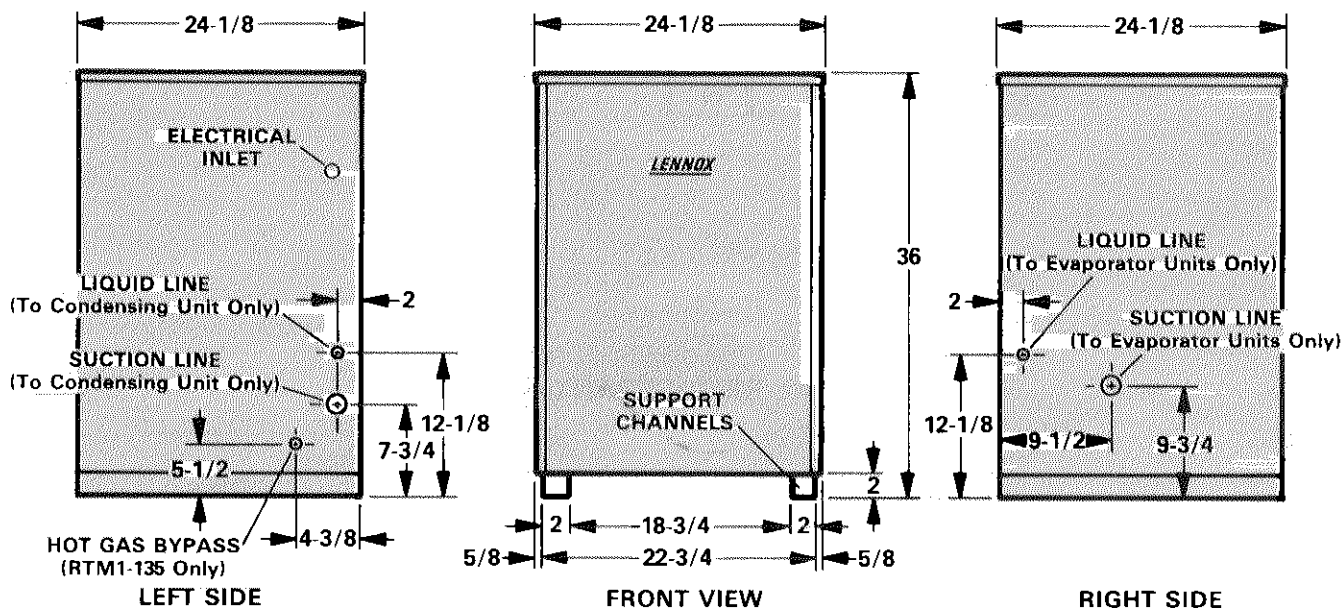


- A – Two or three wire power – (not furnished)
- B – Six wire low voltage – 18 ga. minimum – (not furnished)
- C – Two wire high voltage – 14 ga. minimum – (not furnished)
- D – Two wire low voltage – 18 ga. minimum – (not furnished)
- E – Two or three wire power – (not furnished)
- F – Three wire low voltage – 18 ga. minimum – (not furnished)

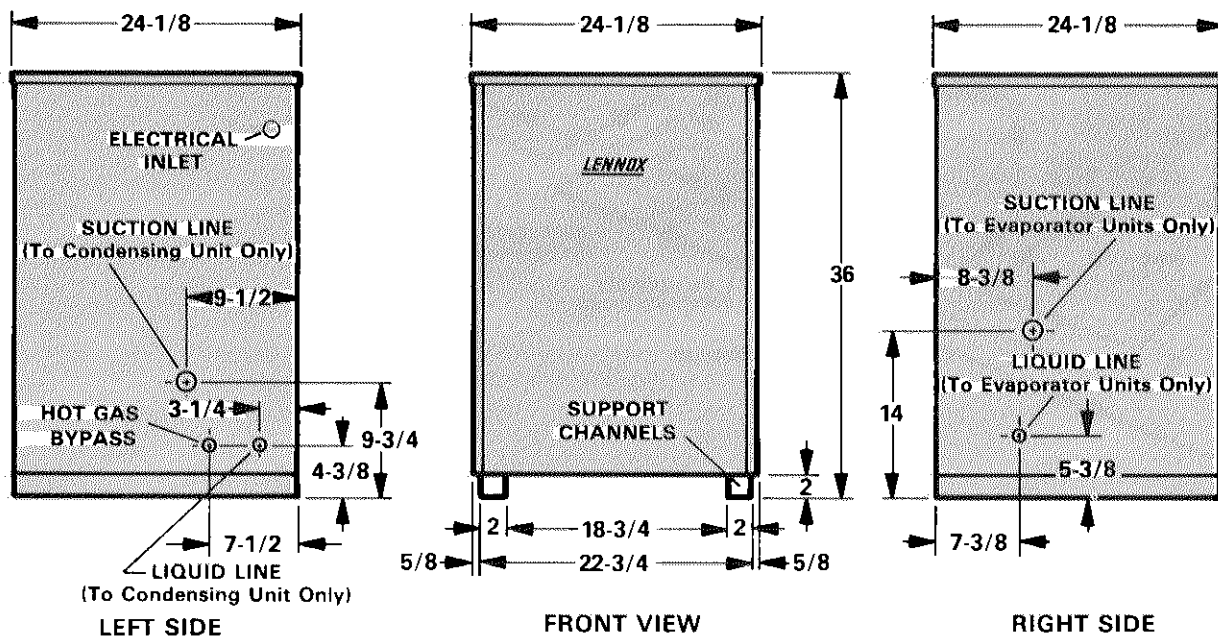
NOTE – All wiring must conform to NEC and local Electrical Codes.

DIMENSIONS (inches)

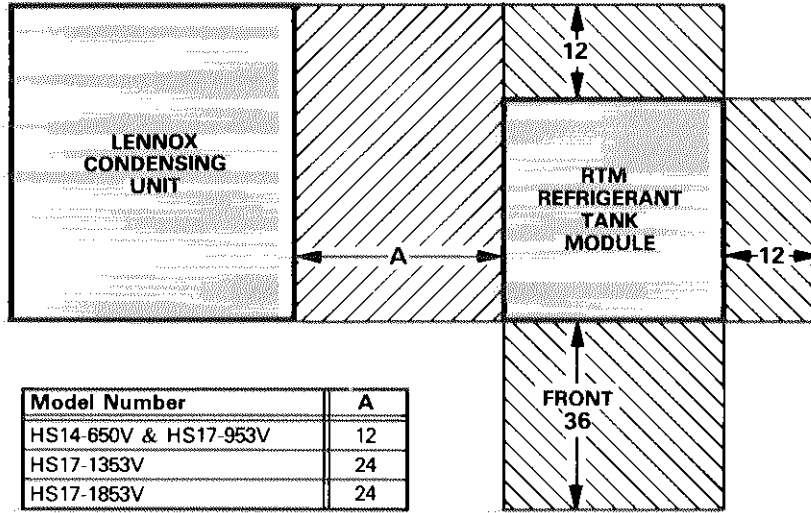
RTM1-65 and RTM1-135



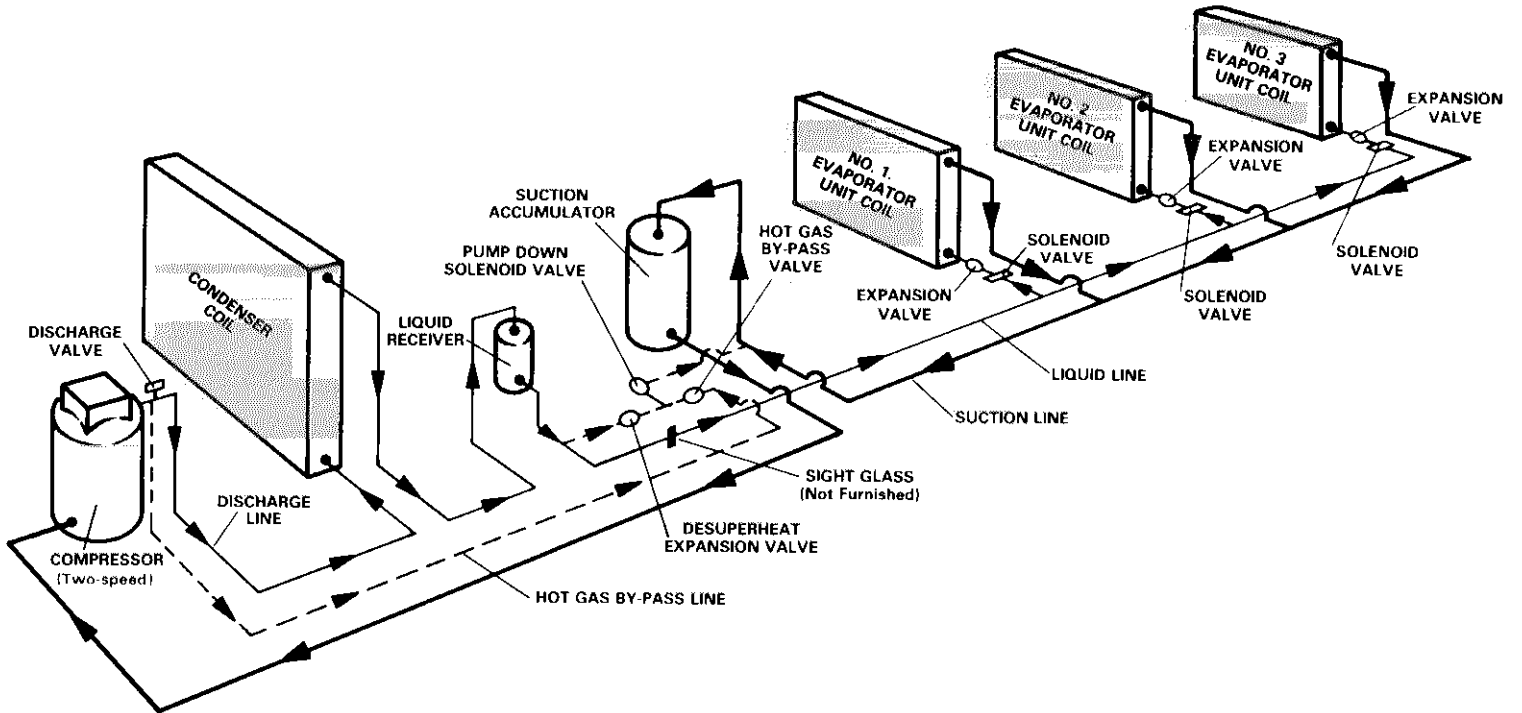
RTM1-185



INSTALLATION CLEARANCES (inches)



TYPICAL REFRIGERANT PIPING



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.

HS14-651V-653V WITH (3) C16-28FF, (3) C16-31FF OR (3) CB18/CBS18-26 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		75					85					95					105				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
		75	80	85			75	80	85			75	80	85			75	80	85		
63	1500	41,300	2490	.88	1.00	1.00	39,600	2640	.90	1.00	1.00	37,700	2830	.93	1.00	1.00	35,800	3050	.97	1.00	1.00
	2000	44,400	2510	1.00	1.00	1.00	42,500	2670	1.00	1.00	1.00	40,400	2860	1.00	1.00	1.00	38,200	3090	1.00	1.00	1.00
	2500	46,400	2520	1.00	1.00	1.00	44,400	2680	1.00	1.00	1.00	42,100	2880	1.00	1.00	1.00	39,800	3120	1.00	1.00	1.00
67	1500	43,700	2500	.67	.82	.96	41,500	2660	.69	.84	.98	39,200	2840	.70	.87	1.00	36,800	3060	.73	.90	1.00
	2000	45,200	2510	.75	.93	1.00	42,900	2670	.77	.96	1.00	40,700	2860	.80	.99	1.00	38,300	3090	.83	1.00	1.00
	2500	46,500	2520	.83	1.00	1.00	44,400	2680	.86	1.00	1.00	42,100	2880	.89	1.00	1.00	39,900	3120	.92	1.00	1.00
71	1500	46,600	2520	.48	.62	.76	44,200	2680	.49	.64	.78	41,800	2880	.50	.65	.80	39,300	3110	.51	.67	.83
	2000	47,900	2530	.52	.70	.87	45,400	2690	.53	.72	.90	42,800	2890	.55	.74	.93	40,200	3120	.56	.77	.97
	2500	48,700	2530	.56	.77	.98	46,200	2700	.58	.80	1.00	43,600	2900	.59	.83	1.00	40,900	3130	.61	.86	1.00

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

HS14-651V-653V WITH (3) C16-28FF, (3) C16-31FF OR (3) CB18/CBS18-26 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
		75	80	85			75	80	85			75	80	85			75	80	85		
63	1500	61,900	6040	.72	.82	.92	58,900	6400	.73	.84	.94	55,900	6740	.75	.86	.96	53,000	7060	.77	.88	.99
	2000	65,700	6240	.78	.91	1.00	62,400	6600	.80	.93	1.00	59,200	6950	.83	.96	1.00	56,100	7260	.85	.99	1.00
	2500	68,500	6380	.85	.99	1.00	65,000	6750	.87	1.00	1.00	62,100	7120	.90	1.00	1.00	59,200	7460	.93	1.00	1.00
67	1500	66,700	6300	.57	.67	.76	63,400	6660	.58	.68	.78	60,200	7010	.59	.69	.79	57,100	7320	.60	.71	.82
	2000	70,200	6470	.61	.73	.84	66,600	6840	.62	.75	.86	63,100	7180	.64	.77	.89	59,700	7480	.65	.79	.92
	2500	72,400	6580	.65	.79	.92	68,600	6940	.67	.81	.95	65,000	7280	.69	.84	.98	61,500	7590	.70	.86	1.00
71	1500	71,700	6550	.44	.53	.62	68,200	6920	.45	.54	.63	64,800	7270	.45	.54	.64	61,400	7590	.45	.55	.66
	2000	75,100	6710	.46	.57	.67	71,300	7080	.46	.58	.69	67,600	7420	.47	.59	.71	63,900	7730	.48	.60	.73
	2500	77,200	6810	.48	.61	.73	73,200	7170	.48	.62	.76	69,300	7510	.49	.64	.78	65,500	7820	.50	.65	.80

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

HS14-651V-653V WITH (3) CB19-26 OR CBH19-26 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		75					85					95					105				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
		75	80	85			75	80	85			75	80	85			75	80	85		
63	1500	45,100	2390	.82	.98	1.00	43,100	2610	.85	1.00	1.00	40,900	2880	.87	1.00	1.00	38,700	3190	.90	1.00	1.00
	2250	50,500	2440	.95	1.00	1.00	48,000	2650	.97	1.00	1.00	45,500	2940	1.00	1.00	1.00	42,800	3310	1.00	1.00	1.00
	3000	53,400	2430	1.00	1.00	1.00	50,700	2670	1.00	1.00	1.00	48,100	2980	1.00	1.00	1.00	45,100	3380	1.00	1.00	1.00
67	1500	47,700	2450	.63	.79	.94	45,300	2640	.64	.81	.97	42,800	2900	.66	.84	.99	40,000	3230	.68	.87	1.00
	2250	51,200	2430	.71	.92	1.00	48,500	2650	.73	.95	1.00	45,800	2940	.75	.98	1.00	42,900	3310	.78	1.00	1.00
	3000	53,400	2430	.79	1.00	1.00	50,700	2670	.83	1.00	1.00	48,000	2970	.85	1.00	1.00	45,000	3370	.88	1.00	1.00
71	1500	50,600	2440	.46	.61	.76	48,100	2650	.46	.63	.79	45,300	2930	.47	.64	.81	42,400	3300	.48	.66	.85
	2250	53,800	2430	.49	.70	.90	50,900	2670	.50	.72	.93	47,800	2970	.51	.75	.96	44,800	3360	.53	.78	.99
	3000	55,300	2430	.52	.79	1.00	52,000	2680	.53	.83	1.00	48,900	2990	.55	.85	1.00	45,800	3400	.56	.88	1.00

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

HS14-651V-653V WITH (3) CB19-26 OR CBH19-26 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
		75	80	85			75	80	85			75	80	85			75	80	85		
63	1500	62,900	5420	.70	.82	.93	59,800	5770	.71	.84	.96	56,800	6140	.73	.86	.98	53,700	6510	.74	.88	1.00
	2250	69,600	5670	.78	.93	1.00	65,900	6060	.80	.96	1.00	62,700	6470	.82	.98	1.00	59,200	6900	.84	1.00	1.00
	3000	74,100	5860	.86	1.00	1.00	70,600	6300	.88	1.00	1.00	67,200	6750	.91	1.00	1.00	63,800	7200	.93	1.00	1.00
67	1500	66,800	5570	.56	.67	.78	63,600	5950	.57	.69	.80	60,500	6340	.57	.70	.82	57,400	6750	.58	.71	.84
	2250	73,600	5850	.61	.75	.90	69,800	6260	.62	.77	.92	66,000	6680	.63	.79	.95	62,100	7100	.64	.82	.97
	3000	77,500	6020	.65	.83	.99	73,100	6440	.67	.86	1.00	69,100	6870	.69	.89	1.00	64,900	7300	.71	.91	1.00
71	1500	70,700	5710	.43	.54	.65	67,400	6130	.43	.55	.66	64,000	6560	.43	.56	.67	60,700	6990	.44	.57	.69
	2250	77,800	6040	.45	.59	.73	73,700	6470	.45	.60	.75	69,700	6900	.46	.62	.77	65,600	7340	.47	.63	.80
	3000	81,700	6210	.47	.64	.81	77,200	6640	.48	.66	.84	72,700	7080	.49	.68	.87	68,200	7520	.49	.70	.89

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

RATINGS

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

HS17-953V WITH (3) C16-41FF OR (3) CB18/CBS18-41 EVAPORATOR UNIT (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		75					85					95					105				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85				
63	2500	65,600	3820	.93	1.00	1.00	62,300	4140	.96	1.00	1.00	59,100	4450	1.00	1.00	1.00	56,000	4760	1.00	1.00	1.00
	3000	68,200	3880	1.00	1.00	1.00	64,700	4200	1.00	1.00	1.00	61,400	4510	1.00	1.00	1.00	58,200	4830	1.00	1.00	1.00
	3500	70,200	3920	1.00	1.00	1.00	66,600	4240	1.00	1.00	1.00	63,200	4560	1.00	1.00	1.00	59,800	4880	1.00	1.00	1.00
67	2500	67,800	3870	.71	.87	1.00	63,900	4180	.73	.90	1.00	60,100	4480	.75	.93	1.00	56,600	4780	.77	.97	1.00
	3000	69,100	3900	.76	.95	1.00	65,300	4210	.79	.98	1.00	61,400	4520	.81	1.00	1.00	58,200	4830	.84	1.00	1.00
	3500	70,300	3920	.81	1.00	1.00	66,700	4240	.84	1.00	1.00	63,200	4560	.87	1.00	1.00	59,900	4880	.91	1.00	1.00
71	2500	71,700	3950	.50	.66	.81	67,700	4270	.51	.68	.84	63,800	4580	.52	.70	.87	60,100	4890	.54	.72	.90
	3000	72,800	3980	.53	.71	.89	68,700	4290	.54	.73	.92	64,700	4600	.56	.76	.95	60,900	4910	.57	.78	.99
	3500	73,600	3990	.56	.76	.96	69,400	4310	.57	.79	.99	65,400	4620	.59	.82	1.00	61,600	4930	.60	.85	1.00

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

HS17-953V WITH (3) C16-41FF OR (3) CB18/CBS18-41 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85				
63	2500	92,300	8220	.76	.88	.98	87,200	8750	.78	.90	1.00	82,300	9270	.80	.93	1.00	77,700	9780	.83	.96	1.00
	3000	95,400	8360	.81	.94	1.00	90,300	8890	.83	.97	1.00	84,900	9420	.86	1.00	1.00	80,800	9960	.89	1.00	1.00
	3500	97,300	8460	.86	1.00	1.00	92,900	9030	.88	1.00	1.00	88,400	9600	.91	1.00	1.00	84,200	10,150	.95	1.00	1.00
67	2500	98,800	8510	.60	.71	.81	93,300	9050	.61	.72	.84	88,100	9590	.62	.74	.86	83,200	10,090	.64	.76	.89
	3000	101,400	8620	.63	.75	.87	95,900	9170	.64	.77	.90	90,400	9710	.66	.80	.93	85,400	10,210	.68	.82	.96
	3500	103,500	8710	.66	.80	.93	97,700	9260	.68	.82	.96	92,200	9800	.69	.85	.99	87,000	10,310	.71	.88	1.00
71	2500	105,600	8800	.45	.55	.66	100,000	9370	.46	.56	.67	94,600	9920	.46	.58	.69	89,400	10,430	.47	.59	.71
	3000	108,300	8910	.47	.58	.70	102,500	9470	.47	.60	.72	96,900	10,020	.48	.61	.74	91,400	10,540	.49	.62	.76
	3500	110,100	8990	.48	.61	.74	104,200	9550	.49	.63	.76	98,500	10,100	.50	.64	.79	92,900	10,610	.51	.66	.82

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

HS17-953V WITH (3) CB19-41 OR CBH19-41 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		75					85					95					105				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85				
63	2500	65,800	3670	.87	1.00	1.00	61,600	4130	.90	1.00	1.00	57,300	4600	.95	1.00	1.00	53,000	5060	.99	1.00	1.00
	3500	70,900	3750	.99	1.00	1.00	66,100	4230	1.00	1.00	1.00	61,300	4720	1.00	1.00	1.00	56,400	5200	1.00	1.00	1.00
	4500	74,100	3800	1.00	1.00	1.00	69,000	4290	1.00	1.00	1.00	63,800	4790	1.00	1.00	1.00	58,500	5280	1.00	1.00	1.00
67	2500	68,700	3710	.65	.84	1.00	63,500	4170	.67	.88	1.00	58,300	4630	.70	.92	1.00	53,300	5080	.74	.97	1.00
	3500	71,400	3750	.74	.97	1.00	66,200	4230	.77	1.00	1.00	61,300	4720	.81	1.00	1.00	56,500	5200	.86	1.00	1.00
	4500	74,100	3800	.83	1.00	1.00	69,000	4290	.86	1.00	1.00	63,800	4790	.91	1.00	1.00	58,600	5280	.96	1.00	1.00
71	2500	73,200	3780	.46	.64	.82	67,700	4260	.47	.67	.86	62,100	4740	.48	.70	.90	56,600	5200	.49	.73	.95
	3500	75,200	3820	.50	.74	.96	69,500	4300	.51	.77	.99	63,600	4780	.53	.81	1.00	57,900	5250	.55	.86	1.00
	4500	76,500	3840	.54	.83	1.00	70,600	4330	.55	.87	1.00	64,700	4810	.58	.91	1.00	58,900	5290	.60	.96	1.00

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

HS17-953V WITH (3) CB19-41 OR CBH19-41 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																			
		85					95					105					115				
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)		
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85				
63	2500	93,500	8340	.72	.85	.97	87,500	8810	.73	.88	.99	81,300	9330	.76	.91	1.00	75,000	9910	.79	.95	1.00
	3500	99,200	8600	.79	.95	1.00	93,000	9090	.82	.98	1.00	86,700	9680	.85	1.00	1.00	80,800	10,350	.89	1.00	1.00
	4500	104,100	8820	.87	1.00	1.00	98,100	9370	.90	1.00	1.00	91,800	9990	.94	1.00	1.00	85,300	10,690	.97	1.00	1.00
67	2500	100,200	8640	.56	.69	.81	93,800	9140	.57	.71	.84	87,100	9700	.58	.73	.87	80,200	10,300	.60	.76	.91
	3500	105,200	8860	.61	.77	.92	98,200	9370	.62	.80	.95	91,000	9940	.64	.83	.99	83,700	10,560	.67	.87	1.00
	4500	108,200	8990	.65	.85	1.00	101,000	9510	.68	.88	1.00	93,500	10,100	.70	.92	1.00	86,000	10,740	.73	.96	1.00
71	2500	107,200	8950	.42	.54	.66	100,300	9480	.43	.55	.68	93,200	10,080	.43	.57	.70	85,800	10,730	.44	.59	.73
	3500	112,000	9150	.44	.59	.75	104,600	9690	.45	.61	.77	96,900	10,300	.45	.63	.81	89,000	10,970	.46	.66	.85
	4500	114,700	9270	.46	.65	.83	107,000	9820	.47	.67	.86	99,000	10,430	.48	.70	.90	90,800	11,100	.49	.73	.94

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

RATINGS

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

HS17-1353V WITH (4) C16-41FF OR (4) CB18/CBS18-41 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		75						85						95						105					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	3000	83,500	5260	.87	1.00	1.00	79,900	5680	.89	1.00	1.00	76,200	6100	.92	1.00	1.00	72,500	6520	.95	1.00	1.00				
	3750	88,600	5400	.95	1.00	1.00	84,400	5830	.98	1.00	1.00	80,300	6260	1.00	1.00	1.00	76,200	6680	1.00	1.00	1.00				
	4500	92,200	5500	1.00	1.00	1.00	87,700	5930	1.00	1.00	1.00	83,300	6360	1.00	1.00	1.00	78,900	6780	1.00	1.00	1.00				
67	3000	88,800	5400	.66	.80	.94	84,000	5810	.68	.83	.97	79,300	6220	.70	.85	1.00	74,700	6610	.72	.88	1.00				
	3750	91,200	5470	.72	.89	1.00	86,300	5890	.74	.92	1.00	81,400	6290	.76	.95	1.00	76,700	6700	.79	.99	1.00				
	4500	93,200	5520	.78	.97	1.00	87,200	5940	.80	1.00	1.00	83,300	6360	.83	1.00	1.00	78,900	6780	.86	1.00	1.00				
71	3000	94,900	5570	.48	.61	.75	89,700	5990	.49	.63	.77	84,500	6400	.50	.65	.79	79,500	6810	.51	.67	.82				
	3750	97,000	5620	.51	.67	.83	91,500	6050	.52	.69	.85	86,100	6460	.53	.71	.89	80,900	6860	.54	.73	.92				
	4500	98,500	5660	.54	.72	.90	92,800	6080	.55	.75	.94	87,300	6500	.56	.77	.97	82,000	6900	.58	.80	1.00				

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

HS17-1353V WITH (4) C16-41FF OR (4) CB18/CBS18-41 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		85						95						105						115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	3000	121,600	11,280	.73	.83	.92	116,000	12,020	.74	.84	.95	110,700	12,730	.75	.86	.97	105,200	13,410	.77	.88	1.00				
	3750	127,200	11,590	.77	.89	1.00	121,300	12,340	.79	.91	1.00	115,400	13,060	.81	.94	1.00	109,600	13,740	.83	.97	1.00				
	4500	131,400	11,830	.82	.96	1.00	125,500	12,580	.84	.98	1.00	118,900	13,300	.87	1.00	1.00	113,500	14,040	.89	1.00	1.00				
67	3000	130,900	11,790	.58	.67	.77	124,700	12,550	.58	.68	.78	118,600	13,280	.59	.70	.80	112,500	13,960	.60	.71	.82				
	3750	135,900	12,070	.61	.72	.83	129,300	12,820	.62	.73	.85	122,700	13,550	.63	.75	.87	116,200	14,230	.64	.77	.90				
	4500	139,400	12,260	.64	.77	.89	132,500	13,010	.65	.79	.92	125,500	13,740	.67	.81	.94	118,800	14,410	.68	.83	.98				
71	3000	140,400	12,300	.44	.53	.62	133,600	13,080	.45	.54	.63	127,000	13,830	.45	.55	.65	120,300	14,530	.45	.56	.66				
	3750	145,400	12,560	.46	.56	.67	138,100	13,340	.46	.57	.68	130,800	14,080	.47	.58	.70	123,700	14,780	.47	.60	.72				
	4500	148,700	12,740	.47	.59	.71	141,000	13,510	.48	.60	.73	133,500	14,250	.48	.62	.75	126,100	14,940	.49	.63	.78				

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

HS17-1353V WITH (4) CB19-41 OR CBH19-41 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		75						85						95						105					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	3000	81,000	4570	.82	.98	1.00	76,100	5070	.85	.99	1.00	71,500	5750	.88	1.00	1.00	66,600	6870	.96	1.00	1.00				
	4250	88,200	4590	.93	1.00	1.00	83,000	5160	.96	1.00	1.00	77,400	5910	.98	1.00	1.00	71,600	6920	.99	1.00	1.00				
	5500	92,800	4610	.98	1.00	1.00	86,900	5210	.99	1.00	1.00	80,900	6000	1.00	1.00	1.00	74,700	7060	1.00	1.00	1.00				
67	3000	84,900	4580	.63	.79	.95	79,400	5110	.65	.82	.98	73,500	5810	.66	.85	.99	67,400	6710	.69	.89	1.00				
	4250	89,800	4600	.69	.91	1.00	83,700	5170	.71	.94	1.00	77,700	5910	.73	.97	1.00	71,800	6920	.81	.98	1.00				
	5500	92,800	4610	.78	.98	1.00	87,200	5210	.80	.98	1.00	81,000	6000	.82	.99	1.00	74,600	7060	.85	1.00	1.00				
71	3000	89,900	4600	.46	.62	.77	83,900	5170	.47	.63	.79	77,800	5920	.48	.65	.82	71,300	6910	.49	.67	.86				
	4250	93,800	4610	.49	.68	.87	87,400	5210	.50	.70	.93	81,200	6000	.51	.72	.97	74,300	7040	.52	.80	.98				
	5500	96,800	4630	.51	.78	.97	90,300	5240	.52	.80	.98	83,400	6060	.53	.82	.99	76,500	7130	.54	.85	1.00				

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

HS17-1353V WITH (4) CB19-41 OR CBH19-41 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		85						95						105						115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	3000	121,000	10,870	.70	.82	.94	115,000	11,500	.72	.84	.96	108,400	12,080	.73	.87	.98	101,700	12,580	.75	.89	1.00				
	4250	130,700	11,360	.77	.92	1.00	124,100	12,020	.79	.94	1.00	116,700	12,640	.81	.97	1.00	109,400	13,180	.83	.99	1.00				
	5500	137,000	11,680	.83	.99	1.00	130,400	12,390	.85	1.00	1.00	124,100	13,040	.88	1.00	1.00	116,700	13,610	.91	1.00	1.00				
67	3000	128,000	11,220	.56	.68	.79	121,600	11,890	.57	.69	.81	115,000	12,500	.58	.71	.83	108,000	13,040	.59	.72	.85				
	4250	137,700	11,700	.60	.75	.89	130,200	12,380	.61	.77	.91	122,800	13,000	.63	.78	.93	115,000	13,510	.64	.81	.97				
	5500	143,300	11,980	.64	.81	.97	135,300	12,650	.65	.83	.98	127,300	13,250	.66	.86	1.00	118,900	13,750	.68	.89	1.00				
71	3000	134,400	11,550	.43	.54	.65	127,900	12,250	.43	.55	.66	121,100	12,890	.43	.56	.68	114,100	13,430	.44	.57	.70				
	4250	144,000	12,040	.44	.59	.72	136,800	12,730	.45	.60	.74	128,900	13,350	.45	.61	.76	120,700	13,860	.46	.63	.78				
	5500	148,700	12,300	.47	.63	.79	141,400	12,970	.47	.64	.81	133,000	13,570	.48	.66	.84	124,000	14,070	.48	.67	.86				

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

RATINGS

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

HS17-1853V WITH (4) C16-51FF OR (4) CB18-51 OR CBS18-51 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		75						85						95						105					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	4500	124,600	7420	.86	1.00	1.00	119,300	8080	.88	1.00	1.00	114,100	8750	.91	1.00	1.00	109,200	9420	.94	1.00	1.00				
	6000	132,200	7590	.97	1.00	1.00	126,600	8270	.99	1.00	1.00	121,100	8950	1.00	1.00	1.00	115,700	9630	1.00	1.00	1.00				
	7500	137,200	7690	1.00	1.00	1.00	131,500	8380	1.00	1.00	1.00	125,600	9080	1.00	1.00	1.00	119,900	9770	1.00	1.00	1.00				
67	4500	131,600	7570	.66	.80	.94	125,300	8230	.67	.82	.96	119,000	8890	.69	.85	.99	113,000	9540	.71	.87	1.00				
	6000	135,300	7650	.73	.90	1.00	128,800	8320	.75	.93	1.00	122,600	8990	.77	.96	1.00	116,500	9660	.79	.99	1.00				
	7500	137,500	7700	.80	1.00	1.00	131,000	8380	.83	1.00	1.00	124,800	9050	.85	1.00	1.00	118,800	9740	.87	1.00	1.00				
71	4500	139,600	7740	.48	.61	.75	133,000	8420	.49	.63	.77	126,500	9100	.50	.64	.79	120,300	9780	.50	.66	.81				
	6000	143,000	7810	.52	.68	.85	136,100	8490	.52	.70	.87	129,400	9180	.53	.72	.90	122,800	9860	.55	.74	.93				
	7500	144,800	7850	.55	.74	.94	137,900	8540	.56	.77	.97	131,100	9230	.57	.79	.99	124,500	9910	.59	.81	1.00				

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

HS17-1853V WITH (4) C16-51FF OR (4) CB18-51 OR CBS18-51 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		85						95						105						115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	4500	182,700	16,460	.72	.82	.92	173,900	17,610	.74	.84	.94	165,300	18,760	.75	.86	.97	157,000	19,870	.77	.88	.99				
	6000	191,700	16,880	.78	.90	1.00	182,500	18,060	.80	.93	1.00	173,500	19,240	.82	.95	1.00	164,900	20,370	.84	.98	1.00				
	7500	198,300	17,160	.84	.98	1.00	188,100	18,350	.86	1.00	1.00	180,000	19,600	.89	1.00	1.00	172,100	20,810	.92	1.00	1.00				
67	4500	196,000	17,070	.58	.67	.76	186,700	18,270	.58	.68	.78	177,600	19,460	.59	.69	.80	168,600	20,600	.60	.71	.82				
	6000	204,200	17,440	.61	.73	.84	194,400	18,650	.62	.74	.86	184,600	19,850	.63	.76	.89	175,300	21,000	.65	.78	.91				
	7500	209,800	17,670	.64	.79	.93	199,300	18,800	.66	.80	.94	189,600	20,110	.67	.83	.98	180,400	21,290	.71	.85	.99				
71	4500	209,800	17,680	.44	.53	.62	200,000	18,930	.45	.54	.63	190,600	20,170	.45	.55	.64	181,200	21,350	.45	.56	.66				
	6000	217,900	18,040	.46	.57	.68	207,700	19,300	.46	.58	.69	197,500	20,540	.47	.59	.71	187,600	21,720	.47	.60	.73				
	7500	223,000	18,250	.48	.60	.73	212,400	19,510	.48	.61	.75	201,900	20,760	.49	.63	.77	191,500	21,940	.50	.64	.79				

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

HS17-1853V WITH (4) CB19-51 OR CBH19-51 EVAPORATOR UNITS (Low Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		75						85						95						105					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	4500	124,000	7360	.83	.99	1.00	117,600	7890	.85	1.00	1.00	110,700	8550	.88	1.00	1.00	103,500	9330	.92	1.00	1.00				
	6250	135,100	7610	.91	1.00	1.00	126,900	8160	.95	1.00	1.00	118,500	8840	.98	1.00	1.00	109,600	9640	.99	1.00	1.00				
	8000	140,400	7750	.99	1.00	1.00	131,500	8310	.99	1.00	1.00	122,900	8990	1.00	1.00	1.00	113,700	9820	1.00	1.00	1.00				
67	4500	131,200	7520	.64	.80	.96	122,800	8050	.65	.82	.98	114,300	8680	.66	.85	1.00	105,500	9440	.68	.89	1.00				
	6250	136,800	7660	.68	.89	1.00	127,400	8200	.70	.93	1.00	119,100	8850	.72	.96	1.00	110,300	9650	.74	.98	1.00				
	8000	140,600	7750	.73	.98	1.00	131,900	8310	.75	.99	1.00	122,900	8990	.79	.99	1.00	113,400	9820	.82	1.00	1.00				
71	4500	137,700	7680	.46	.62	.77	128,900	8230	.47	.64	.80	119,800	8880	.48	.65	.83	110,600	9670	.49	.67	.86				
	6250	142,600	7790	.49	.68	.88	133,200	8350	.50	.69	.90	123,600	9020	.50	.71	.94	113,600	9830	.52	.74	.97				
	8000	145,700	7860	.51	.72	.96	135,800	8430	.52	.74	.99	126,100	9110	.53	.80	.99	116,800	9950	.54	.81	1.00				

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

HS17-1853V WITH (4) CB19-51 OR CBH19-51 EVAPORATOR UNITS (High Speed Compressor Operation)

Enter. Wet Bulb (°F)	Total Air Vol. (cfm)	Outdoor Air Temperature Entering Condenser Coil (°F)																							
		85						95						105						115					
		Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cool Cap. (Btuh)	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)					Dry Bulb (°F)						
75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85								
63	4500	183,800	15,580	.70	.82	.93	173,200	16,430	.71	.84	.96	162,100	17,190	.73	.87	.98	150,700	17,840	.76	.90	1.00				
	6250	198,200	16,280	.76	.91	1.00	187,100	17,210	.79	.93	1.00	174,600	18,050	.81	.97	1.00	163,000	18,740	.84	.99	1.00				
	8000	208,300	16,750	.83	.98	1.00	196,400	17,740	.85	1.00	1.00	186,200	18,630	.88	1.00	1.00	174,300	19,410	.91	1.00	1.00				
67	4500	194,600	16,090	.56	.68	.79	183,600	17,030	.57	.69	.81	172,400	17,870	.58	.71	.83	160,700	18,560	.59	.73	.86				
	6250	209,300	16,790	.60	.74	.88	197,100	17,760	.61	.76	.90	184,900	18,610	.62	.78	.93	172,100	19,280	.64	.81	.96				
	8000	218,300	17,200	.64	.80	.95	206,100	18,170	.65	.83	.98	192,600	19,010	.67	.86	1.00	178,800	19,700	.69	.89	1.00				
71	4500	204,900	16,580	.43	.54	.65	193,800	17,580	.43	.55	.66	182,400	18,460	.43	.56	.68	170,500	19,180	.44	.57	.70				
	6250	220,500	17,270	.44	.58	.72	208,100	18,290	.44	.59	.74	195,400	19,170	.45	.61	.76	182,200	19,890	.46	.63	.78				
	8000	230,100	17,680	.46	.62	.78	216,800	18,690	.47	.64	.80	202,600	19,570	.47	.65	.83	188,200	20,270	.48	.68	.86				

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