

BOX SIZE/TEMPERATURE GUIDE DIRECT DRIVE UNITS*

BOX SIZE/TEMPERATURE GUIDE SELF POWERED UNITS*

Temp	6'	8'	10'	12'	14'	16'	18'	20'	22'
35°F 2°C	V-200 or B-100	V-200 or B-100	V-300	V-300 or V-520 RT	V-520 or V-520 RT	V-520 or V-520 RT	V-520 or V-520 RT	V-800	V-800
0°F -18°C	V-200 MAX	V-300 MAX	V-300 MAX or V-520 RT MAX	V-520 MAX or V-520 RT MAX	V-520 MAX or V-520 RT MAX	V-520 MAX or V-520 RT MAX	V-800 MAX	V-800 MAX	Contact Your Local Thermo King Dealer
-20°F -29°C	V-200 MAX	V-300 MAX or V-520 RT MAX	V-520 MAX or V-520 RT MAX	V-520 MAX or V-520 RT MAX	V-800 MAX	V-800 MAX	Contact Your Local Thermo King Dealer	Contact Your Local Thermo King Dealer	Contact Your Local Thermo King Dealer

Temp	14'	16'	18'	20'	22'	24'	26'	28'
35°F 2°C	T-580R or T-680R	T-580R or T-680R	T-580R or T-680R	T-680R or T-680S	T-680R or T-680S	T-680R or T-680S	T-680R or T-680S	T-880R or T-880S
0°F -18°C	T-680R or T-680S	T-680R or T-680S	T-680R or T-680S	T-680R or T-680S	T-880R or T-880S	T-1080R, T-1080S or UT-800	T-1080R, T-1080S or UT-800	T-1080R, T-1080S or UT-800
-20°F -29°C	T-1080R or T-880S	T-1080R or T-1080S	T-1080R T-1080S or UT-800	T-1080R T-1080S or UT-800	T-1080R, T-1080S, UT-800 or UT-1200	T-1080S, UT-800 or UT-1200	UT-1200	Contact Your Local Thermo King Dealer

*Above reference assumes 3" of insulation for 35°F (2°C), 0°F (-18°C) and 4" for -20°F (-29°C); ten door openings per delivery day; box dimensions of 96"W and 96"H on trucks 10' and over in length.

COOLING AND HEATING CAPACITIES DIRECT DRIVE UNITS

COOLING AND HEATING CAPACITIES SELF POWERED UNITS

Model	Refrigerant	Truck Engine Cooling Capacity-Btu/hr.			Electric Standby Cooling Capacity-Btu/hr.			Evaporator Airflow CFM	Heating - Btu/hr.	
		35°F	0°F	-20°F	35°F	0°F	-20°F		Engine	Electric
B-100	R-134a	3,600	1,300	----	3,700	1,400	----	400	----	----
V-200	R-134a	5,930	3,410	----	4,700	2,120	----	650	15,000	5,000
V-200 MAX	R-404A	7,160	4,775	3,170	5,250	3,410	2,665	650	15,000	5,000
V-300	R-134a	9,590	4,130	----	6,690	2,425	----	765	15,000	5,000
V-300 MAX	R-404A	10,015	5,835	3,535	5,800	3,790	2,565	765	15,000	5,000
V-520 V-520 RT	R-134a	12,200	5,000	----	10,000	3,500	----	1,415	----	----
V-520 MAX V-520 RT MAX V-520 SPECTRUM V-520 RT SPECTRUM	R-404A	15,500	8,200	5,000	10,400	6,600	3,500	1,415	14,000	8,000
V-800	R-134a	16,400	6,175	----	16,500	7,700	----	1,576	----	----
V-800 MAX	R-404A	20,500	9,500	6,000	21,000	11,000	6,200	1,576	----	----

Model	Refrigerant	Engine Cooling ¹ - Btu/hr.			Electric Cooling ² - Btu/hr.			Evaporator Airflow CFM	Heating ³ - Btu/hr.	
		35°F	0°F	-20°F	35°F	0°F	-20°F		Engine	Electric
T-580R	R-404A	14,500	8,500	5,000	13,000	7,100	4,800	1,600	10,500	5,800
T-680R	R-404A	18,000	11,000	7,000	15,500	10,000	6,000	1,600	10,500	5,800
T-880R	R-404A	22,000	13,000	7,800	20,000	11,500	7,000	1,600	10,500	5,800
T-1080R	R-404A	30,500	18,000	10,500	26,500	14,500	10,000	1,900	14,000	7,700
T-680S	R-404A	20,000	13,000	7,500	17,000	12,000	6,500	1,900	14,000	8,800
T-880S	R-404A	24,500	15,000	9,200	21,500	12,500	7,700	1,900	14,000	8,100
T-1080S	R-404A	34,000	21,000	13,000	29,000	18,000	12,000	1,900	20,000	11,400
T-1080 SPECTRUM	R-404A	34,000	21,000	13,000	29,000	18,000	12,000	2,020	16,000	11,000
UT-800	R-404A	24,000	16,500	10,500	20,500	13,000	8,000	1,430	14,000	14,000
UT-1200 (UTS-E)	R-404A	34,000	21,000	15,000	29,000	18,500	13,000	1,970	18,000	18,000
UT-1200 (S3+S3)	R-404A	34,600	22,300	14,700	30,500	20,000	12,500	2,350	18,000	18,000

Unit selection may vary depending on ambient temperature, truck body insulation, number of door openings, heat of respiration, compressor selection, etc. Please consult your Thermo King dealer for a detailed computer analysis and printed report showing your truck application requirements and unit selection comparison.

1 High speed engine in 100°F ambient **2** 60 Hertz power in 100° ambient **3** High speed engine/60 Hertz power in 0° ambient