THERMO KING

Specification Sheet

V-300/V-300 MAX





Thermo King has a Direct Drive unit to meet the needs of your specific application—fresh or frozen!



R-134a Refrigerant for Fresh Applications

- Lower pressure refrigerant means a longer unit lifespan
- More reliable with better temp management for fresh loads

R-404A Refrigerant for Frozen Applications

- Greater cooling capacity
- Better temp management for frozen loads

Unit Features

- Engine-driven compressor
- Modular design system
- SmartPower™ electric standby option
- M-13 controller
- Jet Lube compressor lubrication
- Jet Cool compressor injection cooling (V-300 MAX)
- Automatic hot gas defrost
- Optional heating package
- Unit includes installation kit

Engine Mounted Compressor

The TM 15 is typically the appropriate compressor and is available with the following belt configurations:

- Double A groove
- Poly V groove



System Performance

V-300 Refrigeration Capacity (System net cooling capacity at 100°F ambient and high speed engine operation)

	Engine Power BTU/hr	SmartPower Electric Standby BTU/hr
35°F	9,590	6,690
0°F	4,130	2,425
Refrigerant: R-134a		
Charge		3.85 lbs
Ozone Depletion Potential		Zero
Chlorine		Zero

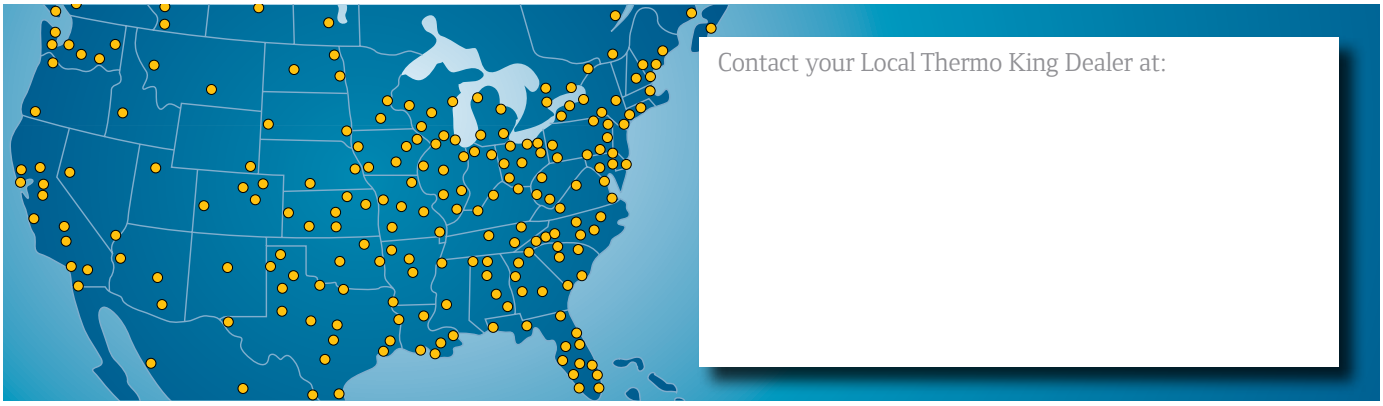
V-300 MAX Refrigeration Capacity (System net cooling capacity at 100°F ambient and high speed engine operation)

	Engine Power BTU/hr	SmartPower Electric Standby BTU/hr
35°F	10,015	5,801
0°F	5,835	3,790
-20°F	3,535	2,565
Refrigerant: R-404A		
Charge		4.0 lbs
Ozone Depletion Potential		Zero
Chlorine		Zero

V-300/V-300 MAX Specifications

Compressor: 6 cylinder, housed in condensing unit	
Displacement	8.95 inches^3
Evaporator: ES300	
Airflow Capacity	765 cfm
Heating Capacity (Optional)	**BTU/hr1**
Engine Coolant Heat	14,400
Electric Heater Strips	5,000
Electric Standby Options	**Total Standby Current Consumption**
230V/1 Phase/50 Hz	7.9A
230V/1 Phase/60 Hz	10.2A
115V/1 Phase/60 Hz	13.3A
System Weight	
V-300 Condenser w/SmartPower	165 lbs
V-300 Condenser w/o SmartPower	111 lbs
ES300 Evaporator	40 lbs
Installation Kit	62 lbs
Heating Kit	10 lbs

All Thermo King equipment is backed by the Thermo King dealer service network, with over 200 locations across North America.



Contact your Local Thermo King Dealer at:

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