

Specification Sheet

V-200/V-200 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-200 MAX)
- Automatic hot gas defrost
- Optional heating package
- Unit includes installation kit
- Electronic thermostat

Engine Mounted Compressor

The TM 13 is typically the appropriate compressor and is available with the following belt configurations:

- Double A groove
- Poly V groove



System Performance

V-200 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	5,930	4,700
0°F	3,410	2,120
Refrigerant: R-134a		
Charge		3.1 lbs
Ozone Depletion Potential		Zero
Chlorine		Zero

V-200 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	7,160	5,250
0°F	4,775	3,410
-20°F	3,170	2,265
Refrigerant: R-404A		
Charge		2.75 lbs
Ozone Depletion Potential		Zero
Chlorine		Zero

V-200/V-200 MAX Specifications

Compressor: 6 cylinder, housed in condensing unit	
Displacement	8.0 inches ³
Evaporator: ES200	
Airflow Capacity	650 cfm
Heating Capacity (Optional)	
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-200 Condenser w/SmartPower	154 lbs
ES200 Evaporator	29 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.

