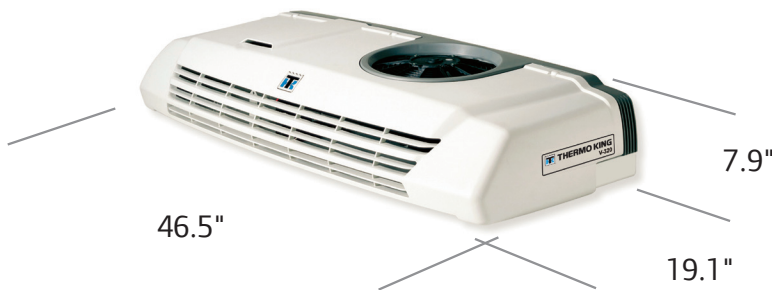


Specification Sheet

V-320/V-320 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
- DSR-III controller
- Jet Lube compressor lubrication
- Jet Cool compressor injection cooling (V-320 MAX)
- Automatic hot gas defrost
- Hour meters - Road/standby/total hours plus maintenance counter
- Coolant heat and hot gas heat options
- 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-320 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 (Ideally suited for fresh applications)		
Ozone Depletion Potential		Zero
Chlorine		Zero


V-320 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 (Ideally suited for higher capacity frozen applications)		
Ozone Depletion Potential		Zero
Chlorine		Zero

V-320/V-320 MAX Specifications

Compressor: 6 cylinder, housed in condensing unit	
Displacement	8.95 inches ³
Evaporator: ES300	
Airflow Capacity	765 cfm
Heating Capacity (Optional)	BTU/hr
Engine Coolant Heat	14,400
Electric Heater Strips	5,000
Hot Gas Heating (Truck Engine)	10,875
Hot Gas Heating (Electric Standby)	5,393
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-320 10/10 MAX Condenser w/o SmartPower	73 lbs
V-320 20/20 MAX Condenser w/SmartPower	155.3 lbs
ES320 Evaporator V-320-10/20/20 MAX	34.5 lbs
ES320 Evap V-320-10 MAX/30 MAX/50 MAX	53.0 lbs
Installation Kit	62 lbs
Heating Kit	10 lbs

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



Contact your Local Thermo King Dealer at: