

Specification Sheet

T-1000



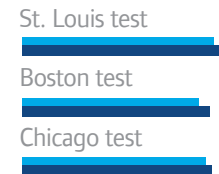
The Most Advanced Scroll Compressors Ever

The clear choice for peak efficiency and maximum cooling capacity.

- ✓ High efficiency and greater capacity
- ✓ Less noise and vibration
- ✓ Less maintenance (87% fewer moving parts)
- ✓ E nickel-plated Oldham coupling for greater reliability

Lower Estimated Annual Fuel Consumption

■ Scroll ■ Reciprocating



Results from independent testing based on regional average ambient temperatures.



SmartPower™ Electric Standby

The SmartPower electric standby option allows the units to operate on electric power in addition to being powered by the standard diesel engine.

Key Options

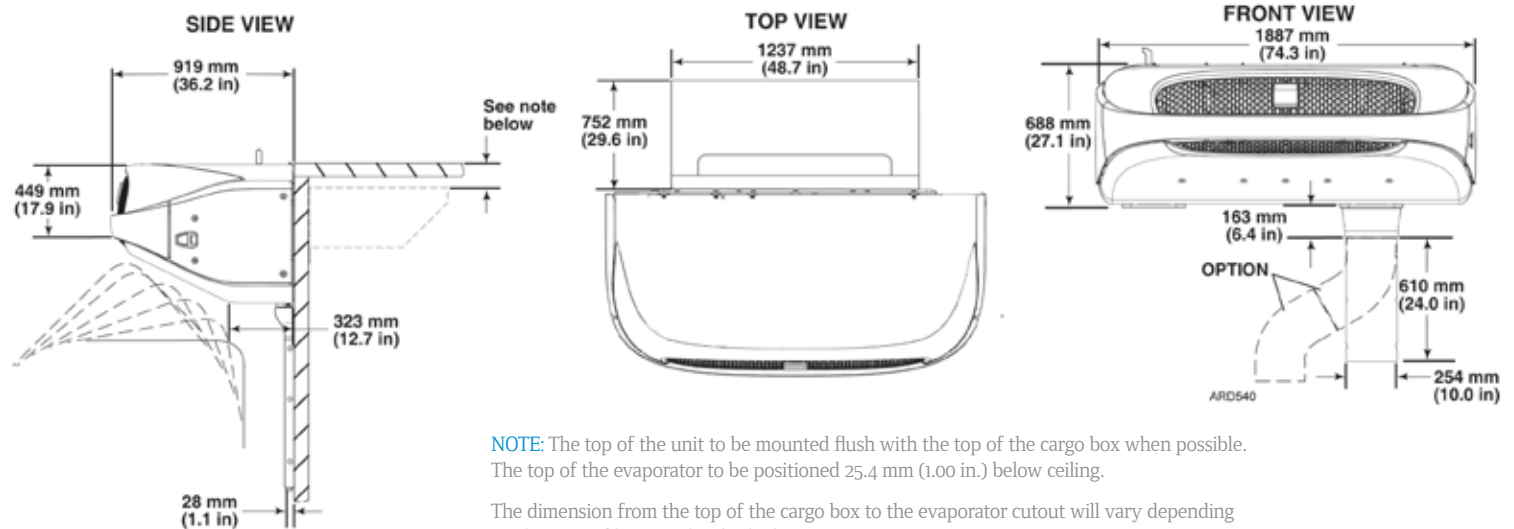
Customize your unit to fit your business needs:

- SmartPower™ Electric Standby (230V or 460V)
- Whisper™ Plus Noise Reduction
- 30 Gallon Fuel Tank
- ETV
- Top Cover & Screen
- Electronic Door Switch
- Premium Display
- Battery Box
- Body Mount HMI
- Flush Mount HMI

System Performance

Refrigeration capacity: System net cooling capacity at 100°F ambient temperature and high speed engine/60 Hertz electric power

Return air to evaporator	ACTiV			ETV		
	35°F	0°F	-20°F	35°F	0°F	-20°F
Engine Power BTU/hr (Up to)	27,500	19,000	12,500	34,000	21,000	14,000
Electric Power BTU/hr (Up to)	22,500	16,700	10,700	29,000	18,000	12,000
Heating capacity (35°F/0°F ambient)	ACTiV			ETV		
Engine power (BTU/hr)	16,000			20,000		
Electric power (BTU/hr)	11,000			11,400		
Airflow: on high speed engine operation						
Airflow volume @ 0 Pa static pressure	1900 ft ³ /min					
Discharge Velocity (Air Throw)	21 ft/sec					
Weight (Condensing Unit):						
Standard: cooling/heating on engine operation	1029 lbs					
With SmartPower electric standby: cooling/heating on engine/electric standby	1138 lbs					
Engine: 3 cylinder, liquid cooled						
Model	TK 376					
Rating	19.6 hp					
Maintenance Interval	2000 hrs					
Compressor: lightweight aluminum alloy						
Model	TK 06					
Displacement	5.98 cu. in.					
Electric standby motor						
Voltage / phase / cycles	230/3/60					
Rating	12 hp					
Refrigerants: R-404A zero Ozone Depletion Potential (ODP), internationally approved						
Charge	9.0 lbs					



NOTE: The top of the unit to be mounted flush with the top of the cargo box when possible. The top of the evaporator to be positioned 25.4 mm (1.00 in.) below ceiling.

The dimension from the top of the cargo box to the evaporator cutout will vary depending on the type of box, truck cab tilt clearance, etc.

T-1000 minimum dimension = 147 mm (5.75 in.)

