

T15

Rear Mount HVAC System

Thermo King T-Series units have been reliable, high-performance rear-mount HVAC systems for over 40 years. The T15 is a lightweight, one-piece system engineered for compressed natural gas buses.



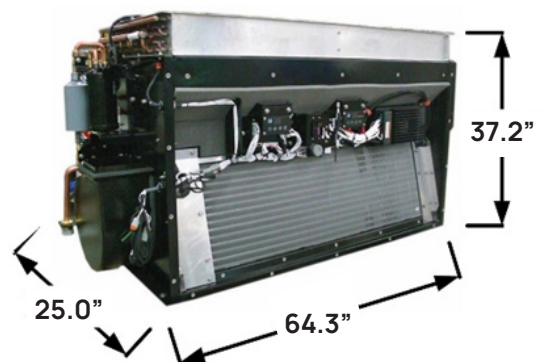
STANDARD FEATURES

- IntelligAIRE® III control system
- Thermo King X430 reciprocating or S391 screw compressor
- R-134a or high-performance R-407C
- Brushless motors

OPTIONAL FEATURES

- Air purification solution
- IntelligAIRE® III electronic pressure display module
- Static or motorized damper-controlled fresh air module
- Motorized water valve
- Auxiliary refrigerant ports for driver evaporator box
- Evaporator pressure regulator valve
- 3/8" charge fittings
- High performance model with auxiliary condenser for extreme ambient operation

DIMENSIONS



T15 SYSTEM PERFORMANCE

SYSTEM COOLING CAPACITY (RATED CAPACITY)		R-134a	R-407C	
BTU/hr		86,000	101,000	
kW		25.2	29.6	
Capacity Rating Conditions		Outside 35°C/95°F Inside 27°C/80°F DB 19°C/67°F WB		
SYSTEM HEATING CAPACITY				
At 30 L/Min. (8 GPM) coolant flow rate and 55°C (100°F) temperature differential between return air and coolant.				
BTU/hr		98,000		
kW		28.7		
EVAPORATOR AIR FLOW				
0 in. water column external static pressure				
Variable Speed		2,250 ft^3/min (max)		
CONDENSER AIR FLOW				
Variable Speed		5,200 ft^3/min (max)		
EVAPORATOR MOTOR/FAN				
Type		Brushless		
Expected Life (Bearing L10 Life)		58,700 hrs		
CONDENSER MOTOR/FAN				
Type		Brushless		
Expected Life		45,000 hrs		
COIL COATING		E-coat with UV top coat		
POWER CONSUMPTION @ 27 VDC		112 amps		
REFRIGERANT		HFC R-134a or HFC R-407C		
UNIT WEIGHT		370 lbs (168 kg)		
DIMENSIONS (LxWxH)		Length	Width	Height
Unit		64.3" (1,633 mm)	25.0" (635 mm)	37.2" (945 mm)
COMPRESSOR PERFORMANCE		X430	S391	
Type		Reciprocating	Helical Lobed Screw	
Operating Speed		800-3,000 RPM	500-3,000 RPM	
Clutch Power Consumption @ 24 VDC		3.5 amps	3.5 amps	
Weight (with clutch)		113 lbs (51 kg)	145 lbs (66 kg)	
Dimensions (LxWxH)		16.6" x 13.8" x 17.1"	18.4" x 13.9" x 16.1"	
WARRANTY				
Standard		24 months, unlimited hours - parts and labor		
Extended		Contact your local Thermo King dealer for terms		



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