

TE19

All-Electric Bus HVAC Solution

Redefine passenger comfort and energy efficiency for buses with Thermo King® all-electric bus HVAC units, a part of the evolve™ portfolio. The TE19, consisting of a rear mount evaporator section and rooftop condenser, offers a wide range of comfort cooling and heating, contributing to your organization's decarbonization efforts.



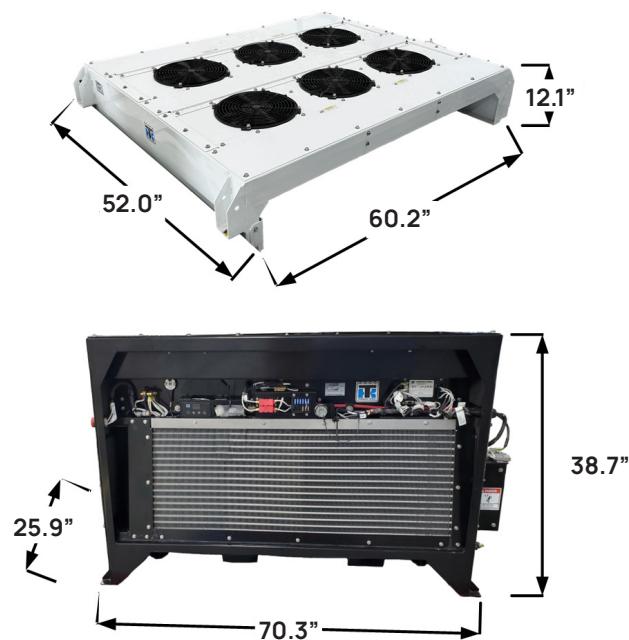
STANDARD FEATURES

- 2-piece system:
 - Large capacity roof mounted condenser
 - Shelf/rear mounted evaporator and compressor
- IntelligAIRE® III Control System
- Single variable speed scroll compressor
- High-performance R-407C
- Variable speed backwards inclined blowers (includes noise suppression)

OPTIONAL FEATURES

- Heat pump system
- Battery chiller integral to unit
- Inverter integral to unit
- Air purification solution
- Fresh air damper

DIMENSIONS



TE19 SYSTEM PERFORMANCE

SYSTEM COOLING CAPACITY (RATED CAPACITY)		Without Chiller		
BTU/hr		92,500		
kW		27.1		
Capacity Rating Conditions		Outside: 35°C/95°F Inside: 27°C/80°F DB 19°C/67°F WB		
SYSTEM HEATING CAPACITY (Hot water)				
BTU/hr		105,000		
kW		30.8		
EVAPORATOR AIR FLOW (0 in. water column external static pressure)				
Variable Speed		2,700 ft^3/min (max)		
CONDENSER AIR FLOW				
Variable Speed		8,500 ft^3/min (max)		
EVAPORATOR MOTOR/FAN				
Type		Brushless		
Expected Life		40,000 hrs		
CONDENSER MOTOR/FAN				
Type		Brushless		
Expected Life		40,000 hrs		
COIL COATING		E-coat with UV top coat		
POWER CONSUMPTION @ 27 VDC		125 amps		
REFRIGERANT		HFC R-407C		
WEIGHT				
Evaporator		402 lbs (182 kg)		
Condenser		185 lbs (84 kg)		
DIMENSIONS (LxWxH)		Length	Width	Height
Evaporator		25.9" (658 mm)	70.3" (1,786 mm)	38.7" (983 mm)
Condenser		60.2" (1,529 mm)	52.0" (1,321 mm)	12.1" (307 mm)
COMPRESSOR PERFORMANCE				
Type		Hermetic Scroll		
Frequency Range		25-90 Hz		
Power Consumption @ 380-3-75 (nominal)		26 amps (max)		
Weight		109 lbs (49 kg)		
Dimensions		22.3" (567 mm)	11.5" (291 mm)	7.5" (191 mm)
WARRANTY				
Standard	24 months, unlimited hours - parts and labor			
Extended	Contact your local Thermo King dealer for terms			



TRANE
TECHNOLOGIES™

57607-3-PL (12-25)

© 2025 Trane Technologies
All rights reserved.

www.thermoking.com