

# 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.



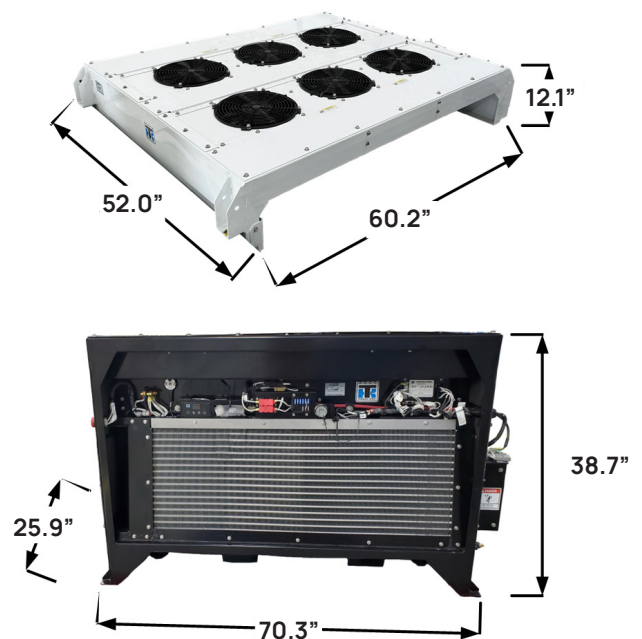
### STANDARD FEATURES

- 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		

