



Athenia E-800

All-electric, hermetically sealed roof top unit for hybrid bus, trolley bus and alternator-powered applications.



Total temperature control for trolley and hybrid buses

- **One-piece full electric roof top unit**
- **Hermetic scroll compressor technology inside the unit**
- **Factory pre-charged with high capacity refrigerant R-407C**
- **Heating option**
- **Frontbox connection**

The A/C unit is hermetically sealed and comes pre-charged directly from the factory. Additional refrigerant can be added in the Thermo King factory for an optional frontbox. Optional water heating is available.

System cooling capacity

Rated Capacity:

Athenia E-800 (460 V)
20.3 kW 69000 BTU/h

Rated capacities are at following conditions:
outside 35 °C, inside 27 °C DB and 19 °C WB

System Heating Capacity

(Water to air heat exchanger type):

Athenia E-800 (460 V)
50 kW 170600 BTU/h

Refrigerant

HFC R-407C

Electric power requirements

Athenia E-800 (460 V)
3 phase 460 VAC
60 Hz AC - 9A @ 54.5°C
27 V DC 92A

Weight (heat and cool version)

544.5 lbs. (247kg) including compressor

Warranty Summary

Terms of the Thermo King Warranty are available on request from your local Thermo King dealer. Please reference document TK50049 for the Thermo King Bus Unit Warranty.



IntelligAIRE II



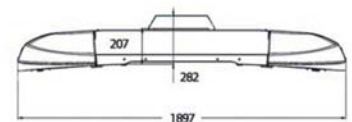
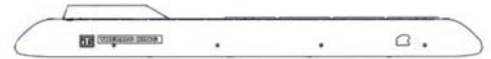
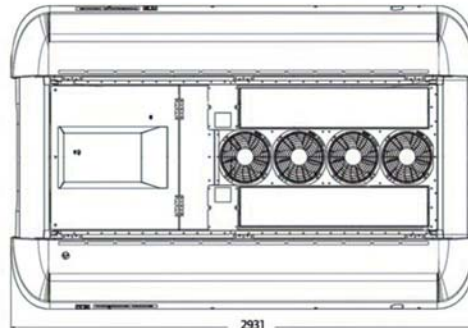
ClimaAIRE II

Evaporator airflow

@ 0 inch (0 mm) water column external static pressure

2090 cfm (5010 m³/h)

Dimensions (mm)



Thermo King is the Green Leader

Thermo King offers industry-leading products and solutions that enable businesses around the world to reduce energy consumption and costs and decrease harmful environmental emissions. This product delivers a significant environmental advantage over previous models or the competition.



Providing equipment and services to manage controlled-temperature environments for food and other temperature-sensitive products, our Climate Control Technologies sector encompasses both transport and stationary refrigeration solutions. Our product brands include Thermo King®, a world leader in transport temperature control systems, and Hussmann®, a manufacturer of refrigeration and food merchandising equipment.

www.thermoking.com www.hussmann.com www.ingersollrand.com

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