



SR-10E

A new level of comfort

*HVAC system for drivers of buses, trucks
and similar applications*



- *Environmentally friendly, fully hermetic air-conditioning system*
- *Leak-proof reliability — no hoses or fittings*
- *Constant cooling capacity — independent of vehicle RPM*
- *High efficiency R-407C refrigerant*
- *Low operating costs*





SR-10E

The SR-10E is a fully hermetic air conditioning unit for all types of driver cabins. Installation is simple — no hoses, no extra compressor, no drive kit installation. The unit is factory-tested, comes charged with refrigerant and needs only an electrical connection (24V wire). The SR-10E delivers constant maximum capacity independent of the vehicle's engine RPM. Environmentally-friendly R-407C refrigerant ensures maximum efficiency and lowest operating costs.

Thermo King ClimAIRE™ computerized controls provide the driver total control of the vehicle's thermal comfort. Included are alarm indicators and codes for troubleshooting and maintenance. Precise diagnostics provide compressor and system hour meters for precise preventative maintenance.



ClimAire I D

System cooling capacity

- Maximum Capacity:
3.0 kW 10,250 BTU/h 2,580 Kcal/hr
- Rated Capacity:
2.5 kW 8,500 BTU/h 2,150 Kcal/hr

Rated capacities are at following conditions:
outside 35°C/95°F
inside 27°C/80°F DB
19°C/67°F WB

Evaporator airflow

- @ 0 inch (0 mm) water column external static pressure
- 700 m³/h (412 ft³/min)

Refrigerant

- HFC R-407C

Electric power requirements

- 27V DC 62A

Weight

- 54.5 kg (120 lbs)

Worldwide service organisation

Thermo King backs its equipment and customers with a highly trained, worldwide service organisation. This assures you the support of factory authorised service and shop facilities, a stock of factory parts and factory trained mechanics.

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SR-10R

Rail HVAC system for superior driver's comfort

HVAC for drivers



- Environmentally friendly fully hermetic air conditioning system
- Exceptional slim design
- Simple quick installation
- Driver control system ClimaAIRE™ I D
- High-efficiency R-407C refrigerant
- High performance with low operating costs





SR-10R

The SR-10R is a fully hermetic air conditioning unit for driver cabins. Especially suitable for loco cabine with limited space for air conditioning system installation. The unit is factory-tested, charged with R-407C refrigerant. It is easy to install and needs only an electrical connection. Environmentally-friendly refrigerant ensures maximum efficiency of operation.

Thermo King ClimaAIRE™ I D computerized controls provide the driver total control of the vehicle's thermal comfort. Included are alarm indicators and codes for troubleshooting and maintenance.



ClimaAire I D

System cooling capacity

- Maximum Capacity:
3.0 kW 10,250 BTU/h 2,580 Kcal/hr
- Rated Capacity:
2.5 kW 8,500 BTU/h 2,150 Kcal/hr

Rated capacities are at following conditions:
outside 35°C/95°F
inside 27°C/80°F DB
 19°C/67°F WB

Dimensions (millimeters)

- 1305 x 698 x 218

Evaporator airflow

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

- 700 m³/h (412 ft³/min)

Fresh air flow

- 60m³/h (35 ft³/min)

Refrigerant

- HFC R-407C

Electric power requirements

- 27V DC 18A
- 400V AC
rated: 1.8A
max: 2.5A
start: 11A

Weight

- 60 kg

Worldwide service organisation

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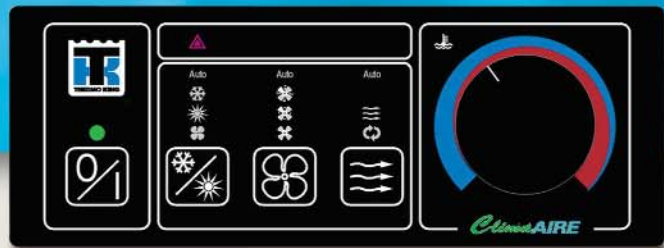
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ShuttleAIRE® SR-15

Introducing the new rooftop
Driver Air Conditioning system.



Driver Cab Air Conditioning for Buses, Trucks and Off-Road Vehicles

- Lightweight
- One piece rooftop
- HFC R-134a refrigerant
- Low power consumption
- High-capacity (heating and cooling)



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ShuttleAire® SR-15 Specifications

DESCRIPTION

The ShuttleAire SR-15 is a lightweight high-capacity rooftop system designed for buses, trucks and off-road vehicles.

SYSTEM COOLING CAPACITY

ASHRAE: 14,330 BTU/hr/4.2 kW
@35/27/19°C
IMACA: 33,000 BTU/hr

SYSTEM HEATING CAPACITY

- 14,000 BTU/hr/4.1 kW

AIRFLOW

- 480 CFM/816 m³h⁻¹

REFRIGERANT

- HFC R-134a

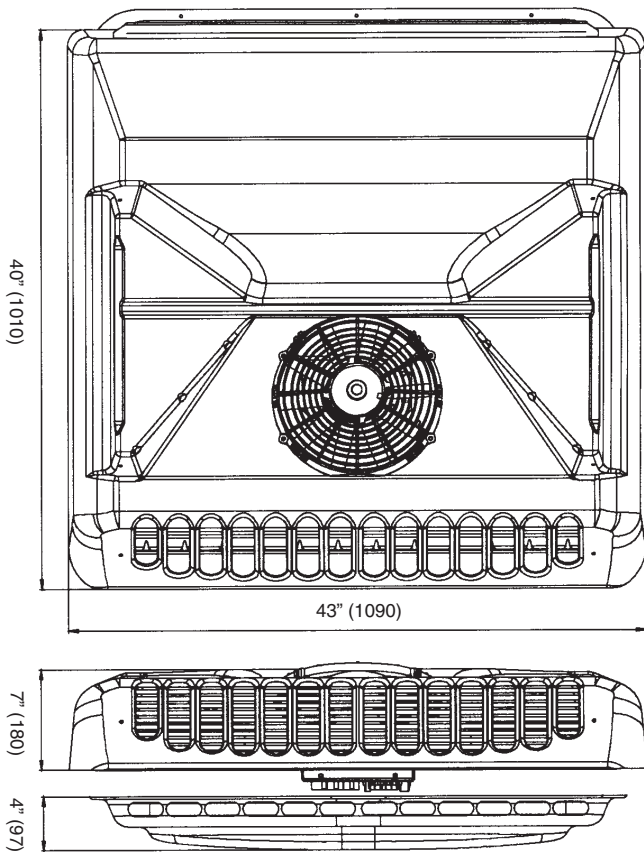
COMPRESSORS

- TM-08 HD

ELECTRIC POWER REQUIREMENTS

- 15 amps at 24V/28 amps at 12V

DIMENSIONS inches (millimeters)



Worldwide Service Organization

Thermo King backs its equipment and customers with a highly-trained, worldwide service organization. This assures you the support of factory authorized service facilities and a stock of factory parts and factory trained mechanics.

Warranty Summary

Terms of the Thermo King Limited Express Warranty are available upon request.

Basic unit is warranted to be free from defects in material and workmanship for a period of one year from date in service. Warranty covers parts and labor only.

Manufacturer is not responsible and will not be held liable in contract or tort (including negligence) for any special, indirect or consequential damages including, but not limited to, injury or damage caused to vehicles, contents or persons, by reason of the installation or use of any Thermo King product or its mechanical failure.

WEIGHT (approximate)

Unit 60 lbs. (27 kg)
Compressor 15 lbs. (6.6 kg)

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