

THERMO KING

ShuttleAIRE® SR-50C

Introducing a new concept
in Bus Air Conditioning.



 THERMO KING
ClimaAIRE™
TOTAL CLIMATE CONTROL



Designed for Small and Mid-size Buses

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



MONZONE®

ShuttleAIRE® SR-50C Specifications

DESCRIPTION

The ShuttleAIRE® SR-50C is a lightweight high-capacity rooftop system designed for small to mid-size buses.

SYSTEM COOLING CAPACITY

ASHRAE: 50,000 BTU/hr/14.5 kW
@ 35/27/19°C 3500 Compressor RPM
IMACA: 110,000 BTU/hr

IMACA standards use compressor and/or condenser capacities to calculate system cooling capacity.

SYSTEM HEATING CAPACITY

• 50,000 BTU/hr/14.5 kW

AIRFLOW

• 1236 CFM/2100 m³/hr

REFRIGERANT

• HFC R-134a

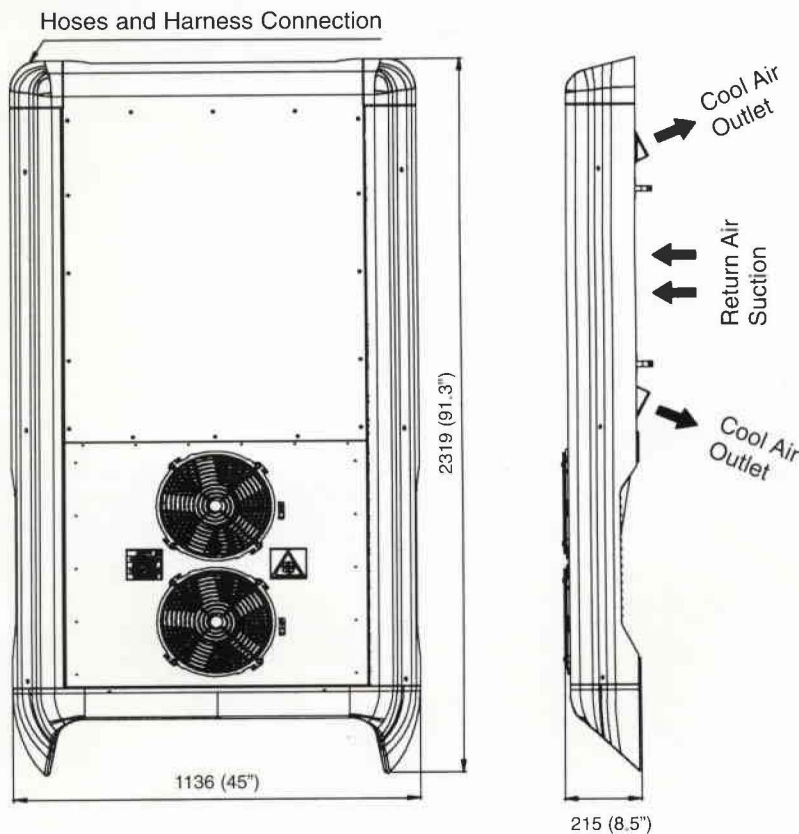
COMPRESSORS

• TM-31 (or TM-16)

ELECTRIC POWER REQUIREMENTS

• 42 amps at 24V
• 84 amps at 12V

DIMENSIONS millimeters (inches)



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)

SR-50C Unit	86 kg	(189 lbs.)
TM-31 Compressor	16.7 kg	(37 lbs.)
TM-16 Compressor	7.1 kg	(15.6 lbs.)

Thermo King
World Headquarters
Minneapolis, MN U.S.A.
Tele: +1 952 887 2200
Fax: +1 952 887 2529

Thermo King
Asia Pacific
Hong Kong, PRC
Tele: +852 2507 9100
Fax: +852 2827 5159

Thermo King
do Brasil
São Paulo, Brasil
Tele: +55 11 3049 7970
Fax: +55 11 3245 3924

Thermo King
Europe
Brussels, Belgium
Tele: +32 2 7145711
Fax: +32 2 7145712

Thermo King
Europe
Kolin, Czech Republic
Tele: +420 321 757111
Fax: +420 321 757170

 **THERMO KING**

MONZONE®

For future information:

Email: monzone@singnet.com.sg
Website: www.monzonegroup.com

TK 50889-3-PL (Rev.6, 2-03)

©2003 Ingersoll-Rand Company
Printed in U.S.A. on Recycled Paper 

Specifications are subject to change without notice.