

 **THERMO KING**

SR-70

Introducing the new lightweight,
high-capacity solution
for medium length coaches.



 THERMO KING
ClimaAIRE™ II
TOTAL CLIMATE CONTROL



Designed and engineered for the life of your coach

- One-piece design for easy installation
- Highest capacity to weight ratio available
- Supported by the industry's largest worldwide service organization
- HFC R-134a refrigerant
- New **ClimaAIRE™ II** advanced control system



An  **Ingersoll-Rand**.business

SR-70 Specifications

DESCRIPTION

The SR-70 is a rooftop system designed for cool or cool/heat applications. This low-profile system is designed to blend into bus designs to enhance vehicle appearance. Design configuration enables the unit to be installed anywhere on the roof of the bus for maximum flexibility and weight distribution. Unit fits on the bus roof with the radius from 7.5M to flat roof.

SYSTEM COOLING CAPACITIES

Model X430

Maximum Capacity:	BTU/hr	kW	Kcal/hr
	77,500	22.7	19,500

Rated Capacities:

BTU/hr	kW	Kcal/hr
69,600	20.4	17,600

Rated capacities are at following conditions:

Outside	35°C/95°F
Inside	27°C/80°F DB 19°C/67°F WB

Model TM-31

Maximum Capacity:	BTU/hr	kW	Kcal/hr
	71,650	21	18,000

Rated Capacities:

BTU/hr	kW	Kcal/hr
54,300	15.9	13,700

Rated capacities are at following conditions:

Outside	35°C/95°F
Inside	27°C/80°F DB 19°C/67°F WB

SYSTEM HEATING CAPACITY

At 30 Lt./Min.(8 GPM) coolant flow rate and 55K (100°F) temperature differential between return air and coolant.

BTU/hr	kW	Kcal/hr
126,000	37	31,800

EVAPORATOR AIRFLOW

(0 mm (0 in.) water column external static pressure)	
High Speed	3,650 m ³ /hr (2,150 ft ³ /min)
Medium Speed	2,280 m ³ /hr (1,350 ft ³ /min)
Low Speed	1,570 m ³ /hr (930 ft ³ /min)

REFRIGERANT

- HFC R-134a

COMPRESSORS

- Thermo King Model X430
- TM-31 Compressor

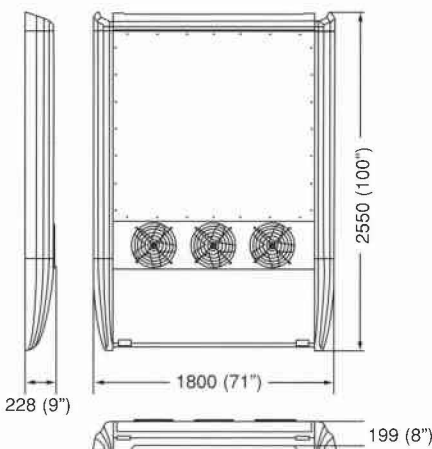
ELECTRIC POWER REQUIREMENTS

- 80 amps at 27V dc

WEIGHT (approximate)

SR-70-1000	131 kg (289 lbs.)
SR-70-1004	141 kg (311 lbs.)
Compressor X430	52 kg (115 lbs.)
Compressor TM-31	16.7 kg (137 lbs.)

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 from your local Thermo King dealer. Please reference document TK 50049 for North America, TK 51800, TK 51801, or TK 51802, for International.

Basic unit is warranted to be free from defects in material and workmanship. 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.

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