



SR-500

Designed for small bus applications



- Rooftop, One-piece Compact System
- Lightweight
- Small in size
- Short installation time
- High-volume fresh air intake option
- Aesthetically appealing

SR-500

The SR-500 is a lightweight compact rooftop air conditioning system. Clever design enables very easy installation. Designed for small bus applications. High-volume fresh air intake and different side covers are available as an option.

This new generation of TK units for small buses offers a number of advantages compared to its predecessor: lower weight (11-15%), reduced height (6%), smaller dimensions (5% shorter & 14% narrower).



Controls

ClimaAIRE I D and ClimaAIRE II Control Systems are Thermo King's newest computerized control systems. These systems give the driver total temperature control within the vehicle. Alarm indicators and codes for troubleshooting and maintenance are included, as well as a precise diagnostic system for compressors and system hour meters that allows for effective preventive maintenance.



ClimaAire II



ClimaAire I D

System cooling capacity

- **Maximum Capacity:** 16 kW
- **Rated Capacity:** 14.5 kW
- **System Heating Capacity:** 15 kW

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

Evaporator airflow

@ 0 inch (0 mm) water column external static pressure
2700 m³/h

Refrigerant

HFC R-134a

Electric power requirements

46 amps at 27V DC (cool version)
93 amps at 13,5V DC (cool version)

Weight (cool version)

SR-500N	81 kg
SR-500W	89 kg
Compressor TM31	16,7 kg
Compressor TM16	7,1 kg

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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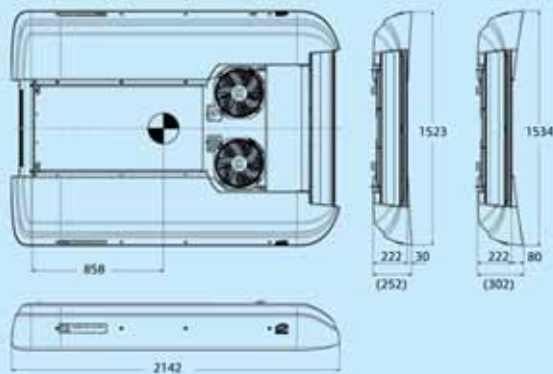
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Unit Dimension (in mm)

	SR-500 Narrow	SR-500 Wide
Length	2142	2142
Width	1534	1834
Height	206	206



SR-500 Narrow, covers for 10m roof radius



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