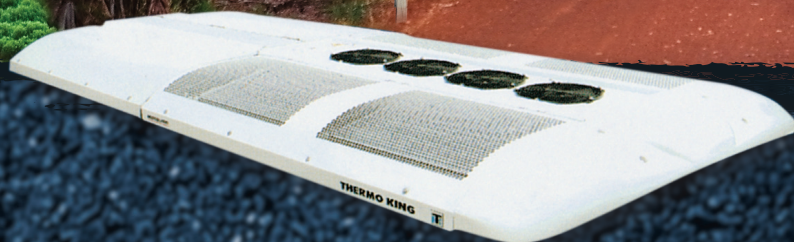




even when the bitumen ends  
reliability is king!



KRS

Greater flexibility and capacity,  
optimised school bus

SCHOOL BUSES



# KRS Specifications



Total Climate Control System featuring:

- Low profile
- Improved serviceability
- **ClimaAIRE™ II** control system
- Less weight than LRT-III
- Improved affordability
- Improved construction
- Designed for easier installation

DESCRIPTION	The KRS is high-capacity 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 this unit to be installed anywhere on the roof of the bus for maximum flexibility and weight distribution. Available in 5 metres radius base to better conform to bus roof radius.		
CONTROLS	The ClimaAIRE™ II Control System is Thermo King's newest computerised control system. It provides the driver simple, but total control of the vehicle's internal environment. Provided also is safety shutdown with red light indication.		
SYSTEM COOLING CAPACITY	<b>Maximum Capacity:</b> BTU/hr 120,000 kW 35.1 Kcal/hr 30,200	<b>Rated Capacities:</b> BTU/hr 95,000 kW 27.8 Kcal/hr 23,900	<b>Rated capacities are at following conditions:</b> 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 38°C (100°F) temperature differential between return air and coolant. BTU/hr 116,000 kW 34.0 Kcal/hr 29,200		
EVAPORATOR AIRFLOW	At 0 mm (0 in.) water column external static pressure High Speed 4,900 m³/hr (2900 ft³/min) Medium Speed 2,100 m³/hr (1240 ft³/min) Low Speed 1,500 m³/hr (900 ft³/min)		
COMPRESSORS	• Thermo King Model X430		
REFRIGERANT	• HFC R-134a		
ELECTRIC POWER REQUIREMENTS	• 103 amps at 24V dc		
WEIGHT (approximate)	KRS 210 kg (462 lbs) Compressor X430 52 kg (115 lbs)		
DIMENSIONS millimeters (inches)			
WORLDWIDE SERVICE ORGANISATION	Thermo King Transit backs its equipment and customers with a highly-trained service organisation. This assures you the support of factory authorised 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 two years from date in service. Warranty covers parts and labor only in an authorised TK workshop.		