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reliability
is king!



LRT IV

a new generation of total
climate control systems

TOURING COACHES

LRT IV

Specifications



Total Climate Control System:

- The same low profile
- Improved service ability
- Less weight than LRT-III
- Designed for easier installation
- Improved construction
- *ClimaAIRE™ II* control system

DESCRIPTION	The LRT-IV N and is high-capacity rooftop systems 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 either unit to be installed anywhere on the roof of the bus for maximum flexibility and weight distribution. Available with 5 metre 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	Maximum Capacity: BTU/hr 120,000 kW 35.1 Kcal/hr 30,200	Rated Capacities: BTU/hr 95,000 kW 27.8 Kcal/hr 23,900	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 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)		
REFRIGERANT	• HFC R-134a		
ELECTRIC POWER REQUIREMENTS	• 103 amps at 24V dc (Brush or Brushless option)		
WEIGHT (approximate)	LRT IV 215kg (473 lbs) Compressor X430 52 kg (115 lbs) Compressor S391 66.8 kg (147 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.		