



SLR Series

All-New, Ultra-Low Profile Rooftop HVAC System featuring ComforTEK for Shuttle and School Bus Applications.



TRANE
TECHNOLOGIES



Change is in the Air!



Thermo King's SLR Series represents a dramatic shift from designs of the past, bringing innovative design concepts that improve airflow with Thermo King's ComforTEK to increase comfort and efficiency.

Unique *Through-Roof* Design Delivers:

Improved Passenger Comfort

With its ultra-slim integrated design, the SLR gives passengers more headroom than conventional systems. Plus, its two-way airflow means comfortable air for all passengers, with no hot or cold spots.

More Even Weight Distribution

Because the SLR is located at the center of the bus, its weight is evenly distributed across the bus chassis for optimized weight distribution.

Easy Maintenance

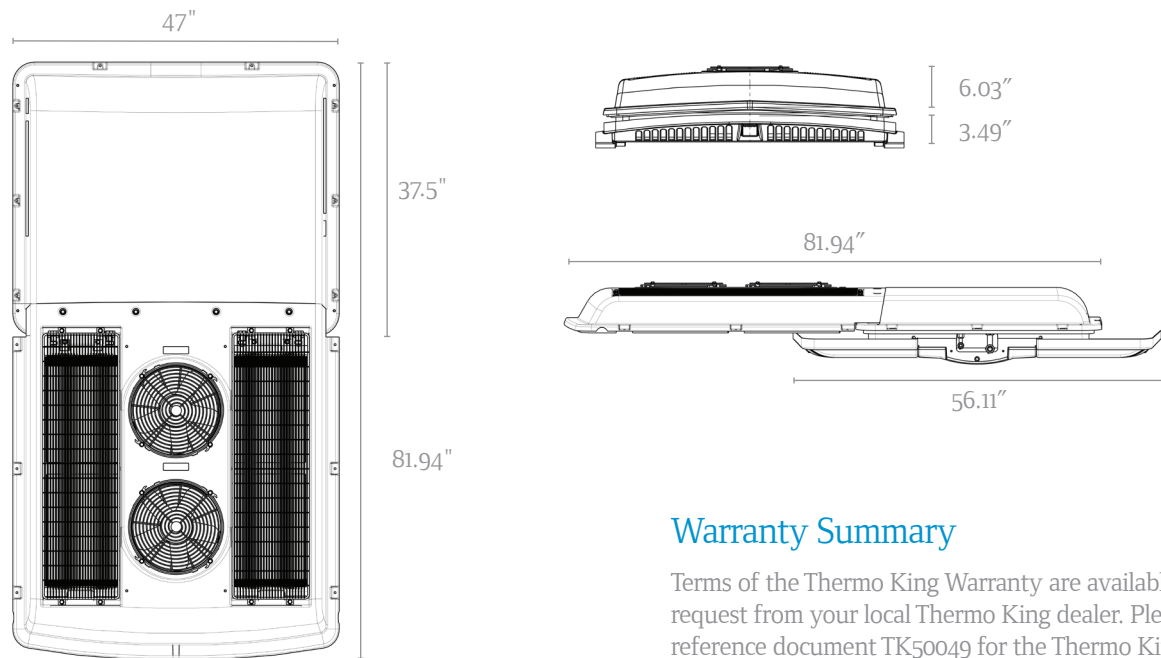
The patent-pending through-roof design of the SLR allows for easy service access, with 90% of all maintenance able to be performed from inside the bus.

Lightweight, Durable and Rustproof

The SLR features a rustproof structural foam ABS cover, which weighs less than fiberglass and is more durable.

SLR Specifications


System Cooling Capacity (IMACA Rated Capacities)		
	SLR 65	SLR 75
BTU/hr (w/TM-21 Compressor)	66,000	75,000
System Heating Capacity (Rated Capacities - 195 °F 50/50 glycol, 3.0 GPM, 60° F inlet air)		
BTU/hr	42,000	n/a
Evaporator Airflow (0 in. water column external static pressure)		
High Speed	940 CFM	900 CFM
Refrigerant		
	HFC R-134a	HFC R-134a
Power Consumption @ 13.5 VDC		
	65 Amps	65 Amps
Weight		
	124 lbs (130 lbs with heat)	131 lbs
Compressor Weight With Clutch (approximate)		
TM 16	18 lbs (8.2 kg)	
TM 21	19 lbs (8.6 kg)	
TM 31	36 lbs (16.3 kg)	



Warranty Summary

Terms of the Thermo King Warranty are available on request from your local Thermo King dealer. Please reference document TK50049 for the Thermo King Bus Unit Warranty.

Meets "Buy America" Guidelines

Thermo King is  the Environmental Leader

Thermo King offers industry-leading products and solutions that enable businesses around the world to reduce energy.

consumption and costs and decrease harmful environmental emissions.

Two Models. Unlimited Flexibility.



Choose SLR for all small and medium bus applications from 16' to 35'

Bus Length	Unit	Capacity (IMACA BTU/hr)	Compressor
16'-20'	SLR 65	60,000	TM16
21'-24'	SLR65	66,000	TM21
25'-28'	SLR75	75,000	TM21
29'-32'	SLR75	84,000	TM31
33'-35'	2xSLR65	132,000	2xTM21

System configurations are for ambient temps up to 120°F (49°C). Sample configurations only - see your Thermo King dealer to choose the proper configuration for your application.

Standard Features

Why pay for more than you want. Thermo King provides standard features designed to meet your needs.

Simple Control System

On/off switch and a three-speed fan switch.

Environmentally Safe R-134a

Zero ozone depletion

TM 21 Compressor

High capacity for a wide range of applications

Oversized Return Air Filter

Added protection for longer system life

Micro-Channel Condenser Technology

Low weight and higher efficiency

TK2000 EZ-Clip Hoses and Fittings

Reduce potential for leaks

Cost Saving Options

Take control of your operating costs with these options available only from Thermo King.

IntelligAIRE® Microprocessor Controller

Precise temperature control with diagnostics, CAN communications and optional driver's display.

- Diagnostics accessible through optional display or PC interface tool
- Configurable programs
- Select set point digitally
- Temperature display
- Automatic temperature and mode control
- Alarm LEDs

TM 16 and TM 31 Compressors

Added Flexibility to configure systems for specific applications

Heat/Cool

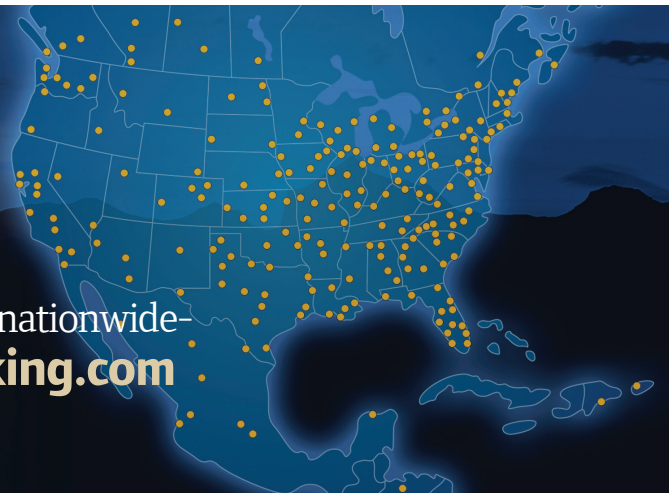
Supplemental heat for cold weather applications and dehumidification for cool humid climates



Expert Service and Support are as close as this sign.

Enjoy the support of the Thermo King Dealer Network.

Over 200 factory-authorized service centers nationwide - find one nearby at www.thermoking.com

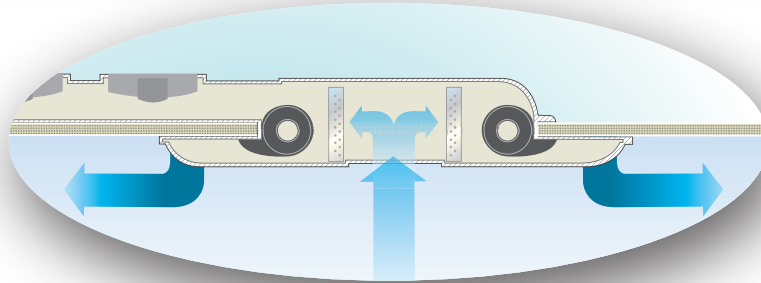




Thermo King's exclusive ComforTEK system delivers:



- Better Air Distribution for More Comfortable Passengers
- Multi-Directional Airflow Means No Hot or Cold Spots
- Balanced Performance for Lower Energy Consumption
- Lower Profile Design for Increased Passenger Headroom
- 40% Less Refrigerant Required for Cost and Environmental Savings



A revolutionary design - engineered to Deliver What Matters to our customers.

Feature	Benefit
Through-Roof Design	Easy access - 90% of service can be performed from inside bus 20-25% quicker installation Safer work environment - no climbing on roof Control panel located inside bus
Low-Profile Design	Sleek, modern look for any bus roof
Mechanical Fittings	Ease of maintenance
Modular Construction	Reduced installation time Eliminates long runs of hoses in bus chassis Moves condenser from the ground, less maintenance, longer life 40% less refrigerant charge 🌿
Multiple Configurations from One Basic Design	Flexibility to configure a system for buses from 14' to 32' Flexibility to configure a system for any climate zone.
Injected Structural Foam Construction	Lightweight, rustproof and recyclable 🌿

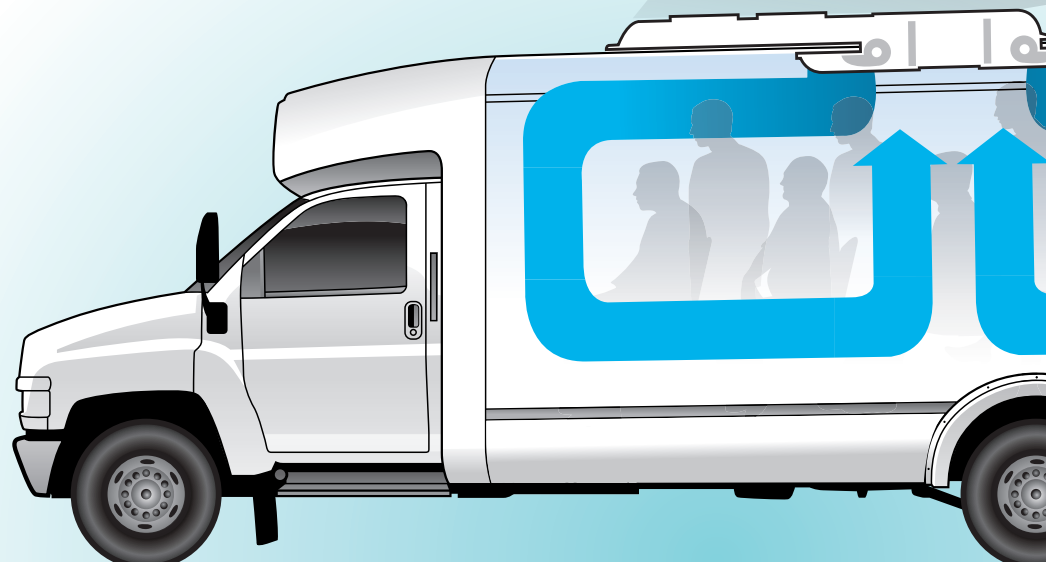


Better Airflow for Open *The SLR w*



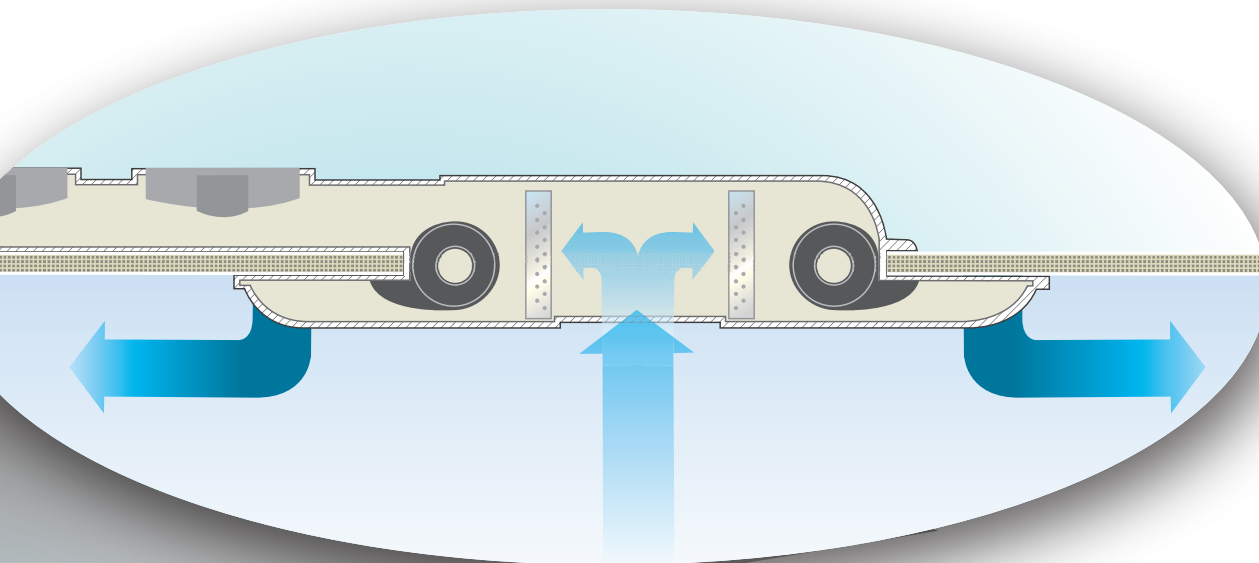
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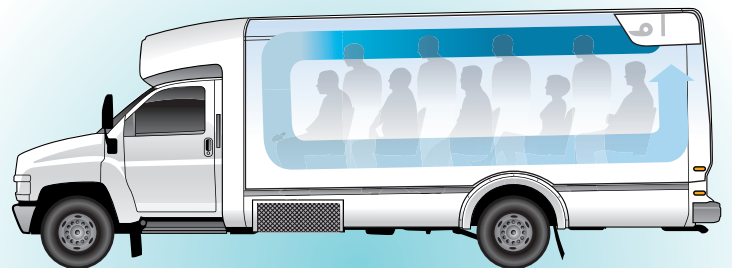




Optimum Passenger Comfort *with ComforTEK*



Conventional Configuration





Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit thermoking.com or tranetechnologies.com.

