



INTERNATIONAL THERMAL RESEARCH
Advanced Diesel Heating & Hot Water Solutions

COMFORT AND LUXURY ON THE OPEN ROAD



OASIS[®] SCH33[™]
Hydronic Heating System by ITR

NOW YOU CAN ENJOY CLASS A LUXURY IN A SMALLER COACH



OASIS[®] SCH33[™]
Hydronic Heating System by ITR

The Oasis SCH33 is a compact space heating system with optional on-demand hot water. The Oasis SCH33 is easy to install and has its own internal circulation pump. It provides powerful performance within a very small footprint.



“When I took delivery of my Sprinter Van conversion, I went with my trusted ITR product. The van is comfortable north of the Arctic Circle and on-demand hot water is a nice bonus. These heaters are reliable, fuel efficient and made in Canada. If you work or play in cold climates, get an ITR heater.”

Charles Tai
Sprinter Van Owner

The **Oasis SCH33** continues a tradition of innovation, using the same proprietary low pressure burner technology that already leads the industry in safety and reliability. It is clean, odorless and efficient. It features a 33,000 BTU burner, a 1500W AC electric element, easy air-purging and coolant-fill operations, a freeze-protected tank design, and comprehensive on-board diagnostics that may be supplemented with a unique and intuitive touch screen control.

The OASIS SCH33 has full UL/CSA certification.

FEATURES & BENEFITS

Superior Performance:

The **OASIS SCH33** has the option of using an external high efficiency flat plate heat exchanger with an easily adjustable potable water temperature control. If this external option is installed, the system can provide a continuous 120°F temperature at a faucet flow rate of 1 gpm.

Multi-Zone Climate Control:

The **OASIS SCH33** features a multi-zone temperature control system, with a built-in circulation pump, that allows independent control settings in up to four different areas of the coach. Controlled warming of ambient air maintains desired temperature and humidity.

Powerful:

The **OASIS SCH33** has a diesel burner that provides 33,000 **TRUE OUTPUT™** BTUs in a single-loop, multi-zone configuration.

Auxiliary Electric Heat:

When using on-shore power, the **OASIS SCH33** 1500W electric element provides supplemental heat, reducing the need for diesel burner use, making for a quiet environment inside and outside the motorhome.

Optional Engine Waste Heat Management:

This **OASIS SCH33** externally installed option uses heat produced by the coach engine to provide space heating and hot water. Once the coach is parked, the heating system is up to temperature and ready for immediate use.

Optional Engine Preheat:

This **Oasis SCH33** externally installed option will maintain engine oil and coolant warmth using electric heating elements and/or the diesel burner. Cold diesel engine start-ups are eliminated, significantly reducing engine wear and fuel consumption.

Easy Installation:

The **OASIS SCH33** is designed for easy installation in new coaches, and is further enhanced with “plug and play” electrical connections.

Low emissions – No Smoke – No Smell:

The **OASIS SCH33**, like all OASIS models, incorporates ITR’s patented low pressure burner technology. This design produces a clean, efficient, and safe combustion, resulting in the lowest possible emissions. This design significantly reduces wear on the fuel nozzle and associated parts. Efficient combustion is maintained for a longer service period than the high-pressure systems used by the competition.

Added value:

The NADA RV guide estimates an OASIS Diesel Hydronic System will significantly increase the resale and trade-in value of a motor home.

Service centers:

OASIS Heating Systems are supported by ITR’s US and Canadian service and factory locations, as well as a network of over 160 dealer/service locations throughout North America and the UK. ITR service is personal and unequalled.

User Friendly Wi-Fi Touch Screen Remote:

The **Oasis SCH33** features a unique and proprietary touch screen remote interface with an on-screen help menu and diagnostic information. With Wi-Fi capability and an ITR Android and iOS application, the heater can be controlled and monitored remotely.

“The ease of installation and use, lack of warranty issues, and helpful service, makes the OASIS the only product we need as a option for our customers. ITR stands behind their product and are a pleasure to do business with.”

Lonnie Troyer

Sales Manager, Showhauler Motorhomes.

Not All BTU Claims Reflect **TRUE OUTPUT™ BTU**

TRUE OUTPUT™ BTU measures the actual output of a heater. BTU output claims that add the output capacity of fans do not reflect the BTU output of the system and are misleading. The BTU output generated by a hydronic system is limited by the **TRUE OUTPUT™** of the burner. All ITR output claims reflect **TRUE OUTPUT™ BTU**.

FEATURES AND SPECIFICATIONS

Diesel Burner TRUE OUTPUT™	33,000 BTU/hr 9.7KW
Auxiliary Electrical Heat	One 1500 watt element, 5,000 BTU Output
Burner Design	Proprietary ITR Low Pressure System
Maximum Water Temperature and Flow Rate	120°F@ 1.0 GPM (if installed externally)
Temperature Rise (ΔT) of Incoming Potable Water	60°F (if installed externally)
Coolant Tank Capacity	1.2 US gal / 4.55 L
Fuel Consumption (continuous running)	0.28 US gal/hr / 1.06 L/hr.
Engine Preheat System	Available option (installed externally)
Amperage Draw (running)	6.5 amps
Amperage Draw (circulation pump)	2.5 amps
Amperage Draw (optional engine pre-heat pump)	2.5 amps (if installed)
Available Heating Zones	4
Heating Circulation Loops	1
WiFi Touch Screen Remote Interface	Optional
Dimensions	7.5" H x 11.0"W x 18.8" D
Weight (empty/full):	47 lbs / 57 lbs

“ I am beyond thrilled how well the Oasis system works, and I can’t imagine a company offering better service than ITR.

Steven B. Smith Coach Owner and CEO, Spenco Medical Corporation



If you have any questions regarding the Oasis SCH33, or any other International Thermal Research products, please call or email, or visit our website at www.itrheat.com

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