



INTERNATIONAL THERMAL RESEARCH
Advanced Diesel Heating & Hot Water Solutions

The Most Powerful Diesel Heater on the RV Market



**THERE IS
NO COMPETITION**



OASIS[®] NE-S[™]
Hydronic Heating System by ITR



Features and Benefits

The OASIS NE-S is specifically designed for floor plans that use multi-head and dual shower configurations, and provides space heating and continuous hot water to coach owners who demand unparalleled comfort and luxury.



“I love the OASIS system! I never run out of hot water, even when my teen daughters shower. It just works!”

Matt Miller, Coach owner and President, Newmar Corporation

The OASIS NE-S continues a tradition of innovation, using the same proprietary low pressure burner technology that already leads the industry in safety and reliability. The OASIS NE-S is powerful without peer. It is clean, odorless and efficient. It features an 85,000 BTU burner, dual 1500W AC (3000W total) electric elements, patented “never-run-dry” circulation pump protection, 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 NE-S has full UL/CSA certification.

Greater Fuel Efficiency The OASIS NE-S provides space heating and hot water from an all-in-one heater. The large reservoir of heated coolant uses a proprietary heat transfer between exhaust and coolant, which provides better and more efficient heating. The larger heating capacity of the OASIS NE-S reduces burner cycling, and the heat transfer efficiency lowers fuel consumption.

Multi-Zone Climate Control The OASIS NE-S features a five zone temperature control system that allows independent control settings in five different areas of the coach. Heating is achieved via controlled warming of ambient air which maintains desired humidity and comfort.

Continuous On-Demand Hot Water The OASIS NE-S produces a new industry benchmark temperature rise of 60° F for incoming potable water at a flow rate of 3.0 GPM – enough for two continuous showers at the same time.

Auxiliary Electric Heat When using on-shore power, the OASIS NE-S’s Dual 1500W (3000W total) electric elements provide abundant heat, reducing the need for diesel burner use, and maintaining a quiet environment within and outside the motorhome.

Engine Waste Heat Management The OASIS NE-S uses the heat produced by the coach engine to provide space heating and hot water. When the coach is parked, the heating system is up to temperature and ready for immediate use.

Optional Engine Preheat This OASIS NE-S feature will maintain engine oil and coolant warmth using electric elements and/or the diesel burner. Cold diesel engine start-ups are eliminated, significantly reducing engine wear and fuel consumption.

Ease of Installation and Maintenance The all-in-one design of the OASIS NE-S with plug-and-play electrical connections, makes for fast and easy installation. The interchangeable component design, together with comprehensive on-board diagnostics, makes regular maintenance and troubleshooting quick and easy.

Low Emissions – No Smoke No Smell. The OASIS NE-S, 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. The low pressure design significantly reduces wear on fuel nozzles, maintaining efficient combustion for a lengthened service period.

Added Value The NADA RV guide estimates an OASIS Diesel Hydronic System will increase the resale and trade-in value of a motor home by several thousand dollars.

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 unequalled.

User Friendly Touch Screen Remote The OASIS NE-S features the option of a unique and proprietary touch screen remote interface with an on-screen help menu and diagnostic capabilities.

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

Lonnie Troyer, Sales Manager, Showhauler Motorhomes

The Oasis NE-S is the only **85,000 TRUE OUTPUT™** BTU heater on the RV market.

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. **There is no comparable competition to the OASIS NE-S.**

FEATURES AND SPECIFICS

Diesel Burner TRUE OUTPUT™	85,000 BTU
Auxiliary Electrical Heat	2 x 1500 watt AC Elements, 10,000 BTU Output
Burner Design	Proprietary ITR Low Pressure System
Maximum Water Temperature and Flow Rate	120F°@ 3 GPM
Temperature Rise (ΔT) of Incoming Potable Water	60 F°
Coolant Tank Capacity	13.75 gallons
“Never-Run-Dry” Pump Protection	Proprietary ITR System
Fuel Consumption (continuous running)	0.79 gallons /hr.
Engine Preheat System	Available option
Amperage Draw (running)	11.5 amps
Amperage Draw (heat loop pumps)	5 amps
Amperage Draw (engine pre-heat pump)	2.5 amps (optional)
Available Heating Zones	5
Heating Circulation Loops	2
Touch Screen Remote Interface	Available option
Dimensions	15.25” H x 19.1” W x 36.1” D
Weight (empty/full):	143 lbs / 256 lbs

“I am beyond thrilled with 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 NE-S, or any other International Thermal Research products, please call or email, or visit our website at www.itrheat.com

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