



INTERNATIONAL THERMAL RESEARCH

Advanced Diesel Heating & Hot Water Solutions

COMFORT AND LUXURY ON THE OPEN ROAD



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



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The OASIS Chinook is an all-in-one, space heating, on-demand hot water system. The OASIS Chinook is easy to install and requires no side access for service or maintenance. It provides superior performance, and offers more features and options than the competition.

"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 Chinook** 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 an 50,000 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 Chinook has full UL/CSA certification.

FEATURES & BENEFITS

Superior Performance:

The **OASIS Chinook** uses an efficient, built-in flat plate heat exchanger with easily adjustable potable water temperature control, and can provide a continuous 120°F temperature at a faucet flow rate of 1.5 gpm – performance that is significantly better than the competition.

Multi-Zone Climate Control:

The **OASIS Chinook** features a multi-zone temperature control system that allows independent control settings in up to five different areas of the coach. Controlled warming of ambient air maintains desired temperature and humidity.

Powerful:

The **OASIS Chinook** provides 50,000 TRUE OUTPUT BTUs in a single-loop, multi-zone configuration.

Auxiliary Electric Heat:

When using on-shore power, the OASIS dual 1500W (3000W total) electric elements provide abundant heat, reducing the need for diesel burner use, making for a quiet environment inside and outside the motorhome.

Engine Waste Heat Management:

The **OASIS Chinook** 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 Chinook** feature 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 wear and fuel consumption.

Easy Installation:

The **OASIS Chinook** 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 Chinook**, 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 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 personal and unequalled.

User Friendly Touch Screen Remote:

The **OASIS Chinook** features the option of a unique and proprietary touch screen remote interface with an on-screen help menu and diagnostic information.

“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™	50,000 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	120°F@ 1.5 GPM
Temperature Rise (ΔT) of Incoming Potable Water	60°F
Coolant Tank Capacity	7 gallons
“Never-Run-Dry” Pump Protection	Proprietary ITR System
Fuel Consumption (continuous running)	0.46 gallons/hr.
Engine Preheat System	Available option
Amperage Draw (running)	11.5 amps
Amperage Draw (heat loop pump)	2.5 amps
Amperage Draw (engine pre-heat pump)	2.5 amps (optional)
Available Heating Zones	5
Heating Circulation Loops	1
Touch Screen Remote Interface	Available option
Dimensions	15" H x 16" W x 25.1" D
Weight (empty/full):	102 lbs / 163 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 Chinook, or any other International Thermal Research products, please call or email, or visit our website at www.itrheat.com

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