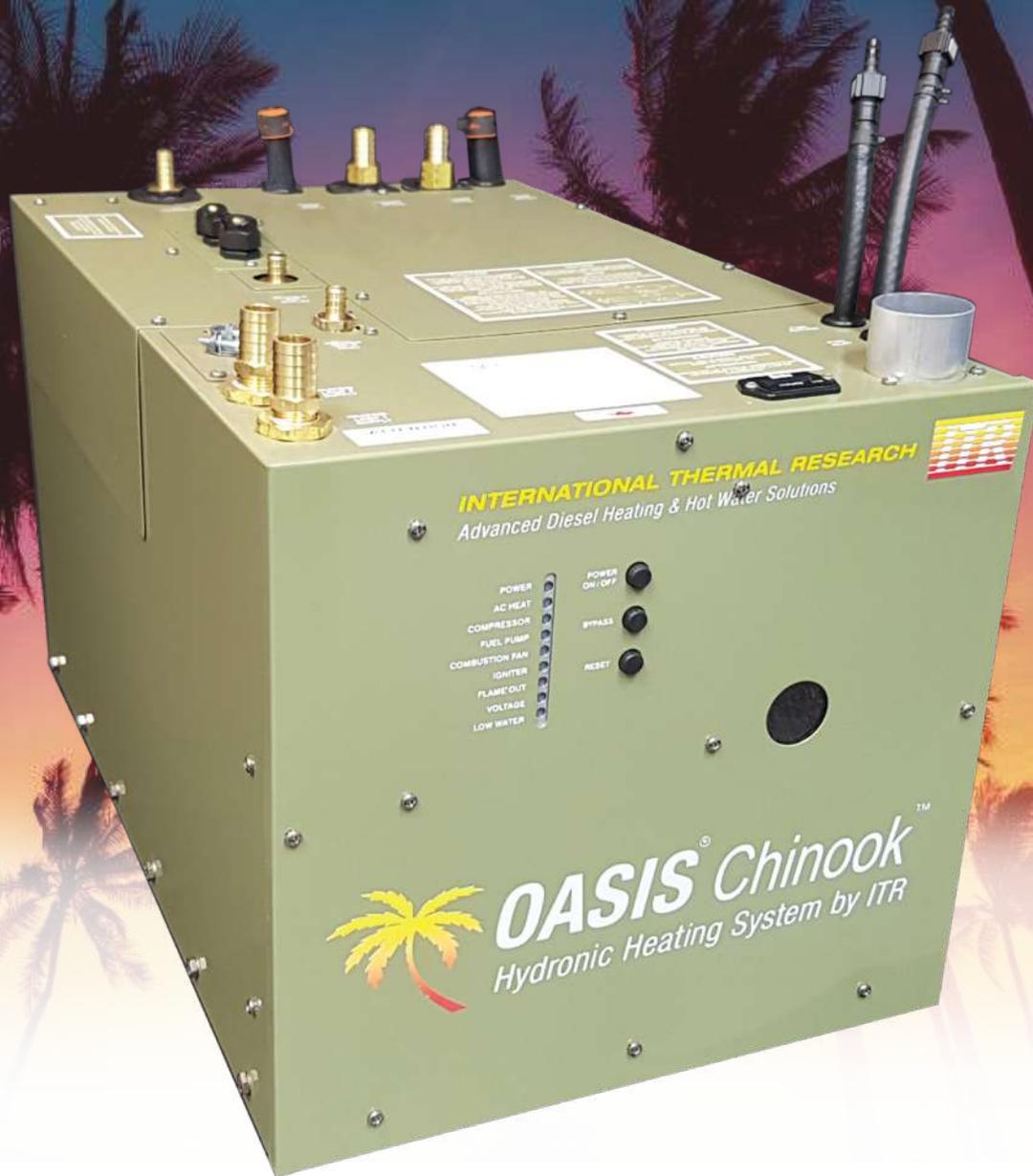




**INTERNATIONAL THERMAL RESEARCH**

*Advanced Diesel Heating & Hot Water Solutions*

# COMFORT AND LUXURY ON THE OPEN ROAD



**OASIS<sup>®</sup> Chinook<sup>™</sup>**  
*Hydronic Heating System by ITR*



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Hydronic Heating System by ITR

**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 a 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** has a diesel burner that provides 50,000 **TRUE OUTPUT™** BTUs in a dual-loop, multi-zone configuration.

## **Auxiliary Electric Heat:**

When using on-shore power, the **OASIS Chinook** dual 1500W (3000W total) electric elements provide abundant heat, reducing the need for diesel burner use and 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 engine 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 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 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 an 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

<b>Diesel Burner TRUE OUTPUT™</b>	50,000 BTU
<b>Auxiliary Electrical Heat</b>	2 x 1500 watt AC Elements, 10,000 BTU Output
<b>Burner Design</b>	Proprietary ITR Low Pressure System
<b>Maximum Water Temperature and Flow Rate</b>	120°F@ 1.5 GPM
<b>Temperature Rise (ΔT) of Incoming Potable Water</b>	60°F
<b>Coolant Tank Capacity</b>	7 gallons
<b>“Never-Run-Dry” Pump Protection</b>	Proprietary ITR System
<b>Fuel Consumption (continuous running)</b>	0.46 gallons/hr.
<b>Engine Preheat System</b>	Available option
<b>Amperage Draw (running)</b>	6.5 amps + 2.5 amps for circ. pump
<b>Amperage Draw (heat loop pumps)</b>	5 amps (2.5 amps each)
<b>Amperage Draw (engine pre-heat pump)</b>	2.5 amps (optional)
<b>Available Heating Zones</b>	5
<b>Heating Circulation Loops</b>	2
<b>Touch Screen Remote Interface</b>	Available option
<b>Dimensions</b>	15" H x 16" W x 25.1" D
<b>Weight (empty/full):</b>	105 lbs / 166 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](http://www.itrheat.com)

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