



Fan Units

The fan units are built for our requirements. We have several styles and sizes available. The style, size, and number of units are dictated by amperage restrictions and BTU requirements.



ACCESSORIES

ConstaHot

Our ConstaHot products were developed to provide an unlimited supply of domestic hot water.

- Compatible with all Hydronic Systems
- UL and CSA Approved for Domestic Water Use
- 316 Stainless Steel Construction
- Domestic Water – 106°F Continuous @ 2.5 gpm
- Dimensions – 4.5”H x 11”L x 3”D

Expansion Tank

- Dimensions – 6”H x 12”L x 6”D

Water Pump

- 6 gpm
- Head Pressure 16 feet

The Company

A good idea, a better way, or an improved service is the starting point for many businesses. The desire to provide the best system led this new company down many paths. Success in the marine industry was followed by an introduction into the RV industry in 1996. Expertise in electrical and mechanical systems and an effort for further system improvements, led Rixen’s Enterprises into the development of its’ own products, Quantum Heating Systems. The 55XLT and the DEH-65 use an Espar H Series furnace and 5 zone management control system.

Service and Installation

These are the roots of our company. Today our larger facilities and convenient island location allow us to continue our tradition of providing excellent service.



Worldwide Heating Systems
Rixen’s Enterprises, Inc.
Complete Comfort Control



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The System

The circulation of hot water to provide heat is known as a "hydronic" system. It is a closed system, meaning that it continually circulates the same coolant. It begins with the furnace, usually fueled by diesel, or electric elements that heat the coolant to 180 degrees. A system pump circulates the hot coolant through a domestic water heater and then to the various fan units located throughout the coach or yacht for interior heating. An engine coolant loop can be added to preheat the engine.

The Benefits

Hydronic heating is becoming the system of choice in the RV and marine industries. The system has many advantages over the propane system of the past. A hydronic system is incomparable to a reversecycle AC system.

Efficient – The hydronic system is more efficient because you heat your coach or yacht and the domestic water supply with the same furnace. It also allows you to place the fan units where they are the most efficient. The coolant in the furnace system maintains the heat and transfers it more efficiently through the fan units.

Comfort – "Zone" heating allows you to control different temperature settings in different areas.

A hydronic system uses warm air to heat. This leaves moisture in the air and creates a stable air temperature. The loss of moisture can dry out the skin and nasal passages.

Quiet operation – The installation consists of several fan units placed throughout the coach or yacht. This set up enables you to heat different areas more consistently and quietly because you do not have one large fan trying to move heat through the whole system.

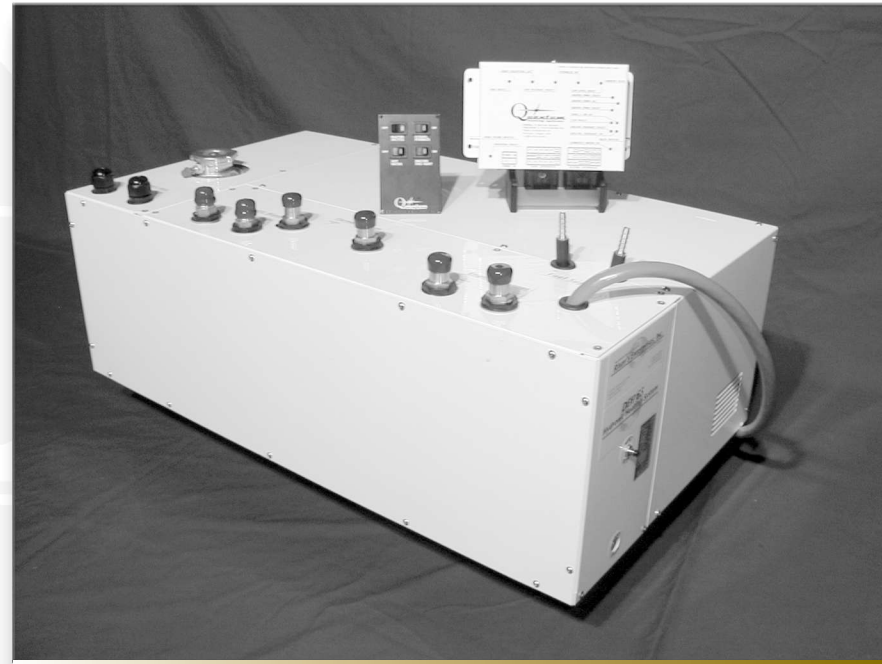
Domestic water supply – The ConstaHot can produce 106-degree water at 2.5 gpm continuously, an unlimited supply of hot water.

Fuel sources – These new systems are designed to operate from onboard diesel fuel or can operate independently on AC electric power. The electrical elements can produce enough BTU's so you do not have to use the diesel furnace. The system also exchanges water with the engine to keep the system coolant warm while traveling or underway.

Engine Preheating – reduces wear and increases engine efficiency by keeping the engine and engine oil warm.

The Installation

The first step is to determine the heating goals for the system. How many zones or areas do I need to heat? Should I heat the cargo bay? Do I want to heat my domestic water supply? Do I want to pre-heat my engine? Our products can be installed as a modular system. This means that you can add to it when you want. Our technicians are available to assist you in designing the *right* system for your coach or yacht.



Quantum® DEH65

This single point design incorporates our ComfortHot and ConstaHot products along with the system pump, system fill, and engine coolant loop. Everything is self-contained simplifying the plumbing and electrical connections.

Features

- 5 Zone Control Board
- H Series Espar Furnace
- Adjustable Combustion Air Intake
- Low Maintenance
- Easy Component Access
- Compact Size
- Efficient
- Environmentally Friendly
- Winter and Summer Valves
- Certified Anti-scald Valve

Specifications

- Diesel Furnace Output - 55,000 BTU
- H-16 Series Espar Furnace
- Amp Draw - Average Heated Hour 8 amps
- Fuel - .5 Gal/Hr adjustable ratio
- Fuel - Diesel #1 or #2
- Coolant hook-up - 3/4" Hose barb
- 4 gpm required Flow Rate
- Coolant Capacity - 4.5 gallons (average)
- Exhaust - 2"-2 3/4"
- Domestic Water - 2.5 gpm Continuous @ 55°F Delta T
- AC Electric Furnace - 4000 watts @34 amps/120 vac
- AC Electric Furnace Output - 14,000 BTU
- Dimensions - 30"L x 17"W x 10"H
- Weight - 112 lbs (dry)



Quantum® 32XL

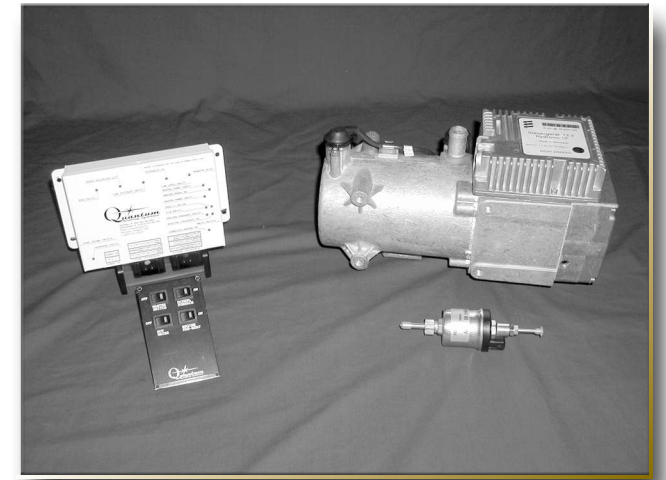
This is a diesel fired furnace and it is the base component in a modular system.

Features

- Aluminum Case
- 5 Zone Control Board
- Integrates with other Systems
- Low Maintenance
- Compact Size
- Efficient
- Environmentally Friendly

Specifications

- Output - 32,000 BTU
- Amp Draw - 10amps with pump
- Fuel Consumption - .24 Gal/Hr
- Fuel - Diesel #1 or #2
- Coolant hook-up - 3/4" Hose barb
- 4 gpm required Flow Rate
- Dimensions- 13"L x 5.5" W x 8"H



Quantum® 17XL

This is a diesel or gas fired furnace and is perfect for compact applications.

Features

- Aluminum Case
- Gas & Diesel Optional
- 5 Zone Control Board
- Integrates with other Systems
- Low Maintenance
- Compact Size
- Efficient
- Environmentally Friendly

Specifications

- Output - 17,000 BTU
- Amp Draw - 4.2
- Fuel Consumption - .16 Gal/Hr
- Fuel - Diesel #1 or #2 or Gas
- Coolant hook-up - 3/4" Hose barb
- 3gpm required Flow Rate
- Dimensions - 9.75"L x 3.5"W x 4"H



Quantum® 55XL

This is a diesel fired furnace and it is the base component in a modular system.

Features

- Powder-coated steel Case
- Adjustable Combustion Air Intake
- 5 Zone Control Board
- Integrates with other Systems
- Low Maintenance
- Compact Size
- Efficient
- Environmentally Friendly

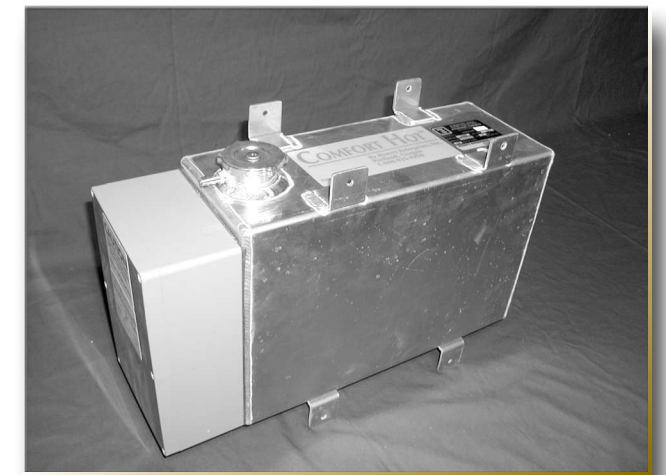
Specifications

- Output - 55,000 BTU
- Amp Draw - 4
- Fuel Consumption - .5 Gal/Hr
- Fuel - Diesel #1 or #2
- Dimensions - 24"L x 9"W x 9"H

Electric Furnace

The ComfortHot unit can integrate in with a hydronic furnace or it is more than capable to stand-alone. It has expansion or inline tank and operates quietly and efficiently. This is a great option when plugged in or during storage times.

- Compatible with all Hydronic Systems
- RVIA Approved
- Fully Automatic Operation
- 2.5 gpm minimum required Flow Rate
- Welded Aluminum Tank
- Capacity - 4.8 gallons
- Electric - 4000 watts @32 amps/120 vac
- Output - 14,000 BTU
- Dimensions - 12.75"H x 21"L x 6.25"D
- Weight - 10 lbs.



Complete Comfort Control