

400D / 450D

 **Aqua-Hot**®

It's A Matter Of Comfort

The Most Compact Systems for Diesel Motorhomes

When installed size is a consideration, you won't need to compromise quiet, comfort in your coach

- ▶ **Quiet, Comfortable Cabin Heating System**
- ▶ **Bay Heating System**
- ▶ **Tankless, On-Demand Hot Water System**
- ▶ **Choice of Diesel Engine Preheating**



If there's any thing your customers want, it's the creature comforts they've come to expect in their home. That's what Aqua-Hot Heating Systems deliver for those folks on the go.

The Aqua-Hot 400 D and 450 D systems are the benchmark for performance in a small footprint

Aqua-Hot delivers reassuring safety features. You'll see internal steel fuel lines for fire safety, zero-pressure tanks, a mounting tray and an interlock switch that prevents the unit from operating with the cover removed. Additional safety features shut down the heater in the event of an overheat or low-voltage situation.

400D / 450D Benefits

Installation Simplification: Both units utilize the same base hook-ups and control panel. This simplifies assembly line installation or changeovers between the 450 D, with preheating capability, and the 400 D without preheating.

Adds Value: NADA lists Aqua-Hot by brand as adding over \$9,400 to the value of an RV.

One Self-Contained Unit: Reduces potential leak paths and installation time while saving space.

Increased Capacity: Now 5.4 gallons, a 32% increase in storage tank capacity to significantly increase stored heat in the same footprint.

Zero-Pressure Tank: Air release valve and expansion tank allow for zero-pressure system.

Prime Retention: Check valves oriented horizontally to better retain prime on pumps.

Zone Port Outlets: All connections located on top of tank allows easy access to connections. Lowers installation time, component costs, and reduces possible leak paths.

Mounting Tray Included: Facilitates air intake, exhaust routing and fluid evacuation, as well as provides secure mounting.

Electrical Shore Power: Saves fuel by providing enough electrical power for light duty heating and hot water needs.

Interlock Switch: Prevents operation without cover attached.

ETL Certified: Approved for sale in the US and Canada.



400D / 450D



Aqua-Hot 450D Keeps the Heat On with TribridHot™ Technology

TribridHot™ designated systems are designed to pull heat from one or a combination of sources. Operators select the source:

- Driving or idling the engine's surplus heat is available
- Plug in when AC shore power is available
- Dry-camping, opt for the diesel fuel source

With TribridHot™, it's also possible to combine sources. It's technology at its warmest.

Your coach owners will appreciate:

SteadyHot™ Water: Constant delivery of hot water for the duration of the typical shower, fully capable of a continuous, home-like 120-degrees.

ConsisTemp™: Aqua-Hot technology that combines our immersion thermostat, rather than the industry standard external thermostat, with our stir pump to circulate water in the tank and create consistent temperatures for comfortable hot water and air temperature delivery.

Low Emissions: 32% lower emissions than our competitor during typical 10-minute run-cycle.

400D / 450D Technical Data

Interior Heating

- Separate Thermostatic Heating Zones	5
- Zone Heating Circulation Loops	2
- Maximum Number of Aqua-Hot Cozy Heat Exchangers	8
- Maximum Interior Heating BTUs	65,600
- Bay Heating	Yes

400D / 450D Technical Data continued

Hot Water

- Domestic Hot Water Supply	Continuous
- Domestic Water Temp/Flow Rate	400D 120° @ 1.25 GPM
	450D 120° @ 1.50 GPM
- Domestic Water Availability	400D 75 Gallons/Hour
	450D 90 Gallons/Hour
- Recovery time	Zero

Engine Preheating

- Preheats Diesel Engine /Cold Mornings	400D NA
	450D yes

Power Sources

- Number of Power Sources	400D 2
	450D 3
- Time Required to Preheat Engine	400D NA
	450D 30°f - 90°f 1 Hour

Fuel

- Fuel Usage (Running Continuously)	Diesel .41 Gal/Hour
- Fuel Usage (Average per day Dry Camping)*	1-4 Gal/Day
- Fuel Usage (When Electricity is available)**	1-2 Gal/Day
- Fuel Usage (When Driving)	400D 1-2 Gal/Day
	450D None

Shore Power (Low and High Settings)

- Electric Heating Element (Low)	1-120V, 1650W
- Shore Power Operating Requirements (Low)	120V AC/30 Amps

Engine's Surplus Heat (When Driving)

	400D NA
	450D Yes

Other Operating and Size Specifications

- Controller	Electronic
- Boiler Tank Heating Solution Storage Capacity	5.4 Gal
- Expansion Tank Storage Capacity	3 Qt
- Height x Width x Length (in inches)	12x18.5x30
- Weight in Pounds (empty/full)	400D 124/168
	450D 140/185
- Max DC Amp Draw (Starting)	12
- Operating DC Amp Draw/Hour	9

* Varies depending on ambient temperature

** Extreme cold temperatures will increase fuel use



Find us on line at www.aqua-hot.com Call us at (800) 685-4298 or (303) 659-8221
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