

FSI[®] HEAT 200A WATER HEATER

440,000 BTU • 14 GPM / 56 LPM total flow • Max outlet 210°F / 99°C • Rev. 07/31/26

Follow the steps below in order to place the FSI[®] HEAT 200A in service.

Fuel	#1 / #2 Diesel, JP4, JP8, Home Heating Oil, Kerosene • 9 gallon removable fuel container
Power	110V 60 Hz standard; 220V 50 Hz on demand
Output	440,000 BTU • 14 GPM / 56 LPM • up to 210°F / 99°C



FUEL FILL PORT, FRONT OF UNIT

STEP 1

Fill the fuel tank

Fill the 9 gallon fuel tank with #1 or #2 Diesel, JP4, or Kerosene. Burn rate is approx. 1.25 gal/hr, about 7.2 hours of operation per tank. The fuel tank is removable; ensure the fuel lines are re-connected and the tank retention bracket is re-installed.



ATTACH WATER INLET HOSE

STEP 2

Connect the water supply

Hook up the water supply to the water inlet and TURN WATER ON.

STEP 3

Purge air from the heating coil

Open all water outlet valves to purge air from the heating coil. Once water flows steadily through all 3 valves, close the valves if not required and/or use as needed.

FSI[®] HEAT 200A WATER HEATER • SET-UP AND OPERATION, CONTINUED

STEP 4

Connect power

Plug the unit into a power source. 110V 60 Hz is supplied as standard, with 220V 50 Hz available on demand.

STEP 5

Power on

Turn the grey power box switch to ON.

STEP 6

Caution: hot surfaces

Vertical coils get extremely hot. Exercise extreme caution.

STEP 7

Monitor water temperature

Take note of the analog water temperature gauge.

STEP 8

Set the outlet water temperature

Set the Water Temperature Mixing Valve to the desired water temperature. Water must be flowing through the heater to most effectively set the temperature. Loosen the Phillips screw in the center of the adjustment knob and raise the knob to adjust: left to raise, right to lower the outlet water temperature. Allow time for the temperature change to take effect. Once the desired temperature is achieved, push the adjustment knob down and tighten the screw head.

STEP 9

Connect equipment and commence use

Hook up the water heater to Decon Showers, Detergent Injectors, or other equipment and commence use.



REAR VIEW: OUTLET VALVES, TEMPERATURE GAUGE,
MIXING VALVE, POWER BOX