

Quick Reference Guide

Portable Decontamination Hot Water Heater, Heat Wave 111

Description:

The Heat Wave 111 is a full flow, non-blending decontamination hot water heater. It provides temperature-controlled non-potable water for the decontamination tent. All water flows through the ¾" heater coil with a minimum pressure drop at the commercial standard of 40 PSI (pounds per square inch). Its rugged square tubing steel frame and heavy-duty large diameter wheels make it easy to load, unload and transport. The digital temperature controller consists of a microprocessor controlled advanced logic temperature controller. It has no moving parts and samples the water temperature 10 times each second. The temperature controller directly controls the burner by cycling the firing, so the unit only fires when modulating the temperature. The temperature controller also displays digitally both the target and the current temperature. Should the primary temperature controller ever fail, the entire burner shuts down by design.

The diesel fired Heat Wave 111 comes with a 5-gallon heavy-duty removable steel Jerry can fuel tank and quickly coupled fuel supply lines.

The wheels are 14 inch non-marking solid Urethane wheels with doubled flanged bearings. When set in place, the wheels carry no load. Since the entire footprint of the frame is firmly on the ground, there is no chance of creep or shifting. When the operator wants to wheel the machine, a tug on the handle will tip and balance the load over the axle.

Then unit performs well with low water pressure such as residential or hydrant pressure.

Start Up and Shut Down Procedure:

See Owners Manual.

Storage:

All wiring into and out of the temperature control panel is weatherproof. Wet or rainy conditions have no impact on the fully sealed water-resistant temperature controller and main switch.

Caution:

The unit should be operated only in areas where combustion is permitted (open flame areas). It must be placed in well ventilated areas where there is no chance for accumulation of exhaust gases. It should never be operated in enclosed and /or inhabited areas in which people will be present.

This guide is intended as a quick reference only. Receivers/users assume all responsibility for the proper maintenance and use of this equipment. This guide is not intended as a substitute for manufacturer provided reference materials and user instructions. This guide is available upon request from SMRRC.