How It Works

The Double Duty, like our other popular, residential water heaters, heats water for domestic use and stores it in a triple tested, glass-lined storage tank. While in the tank, the domestic hot water transfers heat to the Therma-Tube heat exchanger that is immersed inside the tank. Within these tubes, water for space heating is circulated and heated. This internal heat transfer allows the Double Duty to serve two purposes. It provides hot water for domestic use while maintaining a comfortable space temperature through hydronic or radiant heating.

Anti-Leak

With the Therma-Tube anti-leakage system heating fluid is separated from domestic water by a double-wall tube that utilizes an internal leak path to the exterior. Heating fluid is circulated in a primary metallic inner tube. A secondary, thermally stabilized, high-density polyethylene tube surrounds the primary tube. Monofilament lines between the two walls provide positive leak path channels to the outside of the unit.

Standard Features
- Non CFC Foam Insulation
- Heavy-Gauge, Glass-Lined Steel Tank
- Magnesium Tank Saver Anode
- Factory Installed Dielectric Nipples
- Brass Drain Valve
- T&P Relief Valve Factory Supplied
- 10 Year Limited Tank Warranty
- 6 Year Limited Warranty on Parts (See Warranty for Details)

Additional Features for Power Vented Models:
- Vertical or Sidewall Venting
- Vents up to 30 ft. with 3” PVC
- Vents up to 60 ft. with 4” PVC
Double Duty Pressure Drop

Heat Exchanger Pressure Drop Curve

FOR EASE IN ORDERING
BY MODEL NUMBER

PV  N 50

This heater is 47 gallon Double Duty
Power Vented natural gas water heater.

All models available with a Ten Year
Limited Warranty against tank failure.
All parts are warranted for six years.
Three year limited warranty on all models
when installed in a commercial application.