



Double Duty

Atmospheric and Power Vented Gas Water Heaters

Domestic Water and Space Heating All In One

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 glass-coated 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 for a room addition or a apartment over a garage.

Standard Features

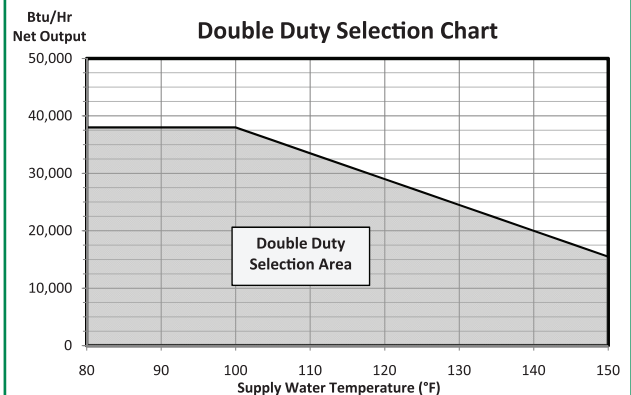
- **2" Non-CFC Foam Insulation** - Improved formulation provides uniform tank coverage with a thick blanket of insulating foam. This non-CFC polyurethane closed cell foam minimizes standby losses and maximizes heat retention.
 - **Glass-Lined Steel Tank** - The tank is automatically formed, rolled, and welded to ensure a continuous seam for the glass lining. The durable glass lining is fused to the interior of the tank at 1600°F to assure lasting protection against rust and corrosion while providing clean, clear hot water.
 - **Aluminum Tank Saver Anode** - High capacity anode rod provides protection from the effects of electrolytic corrosion.
 - **Heat Traps** - Factory installed, minimizes heat loss through piping.
 - **Dielectric Nipples** - Factory installed waterways protect the tank from the corrosive action between dissimilar metals, while providing piping convenience.
 - **Double Wall Heat Exchanger** - Double Wall 1-1/2" O.D. glass coated steel coil separates domestic water from heating fluid. A leak path between the two walls of tubing, terminating at a weep port on the top side of the top heat exchanger opening, provides a visual alert should a leak occur in either tube.
 - **Low Heat Exchanger Head Loss** - With less than 4 ft. of head at 10 gpm flow through the coil, the required pump size for heat exchange can be greatly reduced.
 - **Brass Drain Valve**
 - **Temperature & Pressure Relief Valve**
 - **6 Year Limited Warranty***
(See warranty for details)
 - **10 Year Extended Warranty Available**
(In residential applications)
- * 3 year limited warranty on tank and 1 year limited warranty on Parts when installed in commercial applications

Additional Features for Power Vented Models:

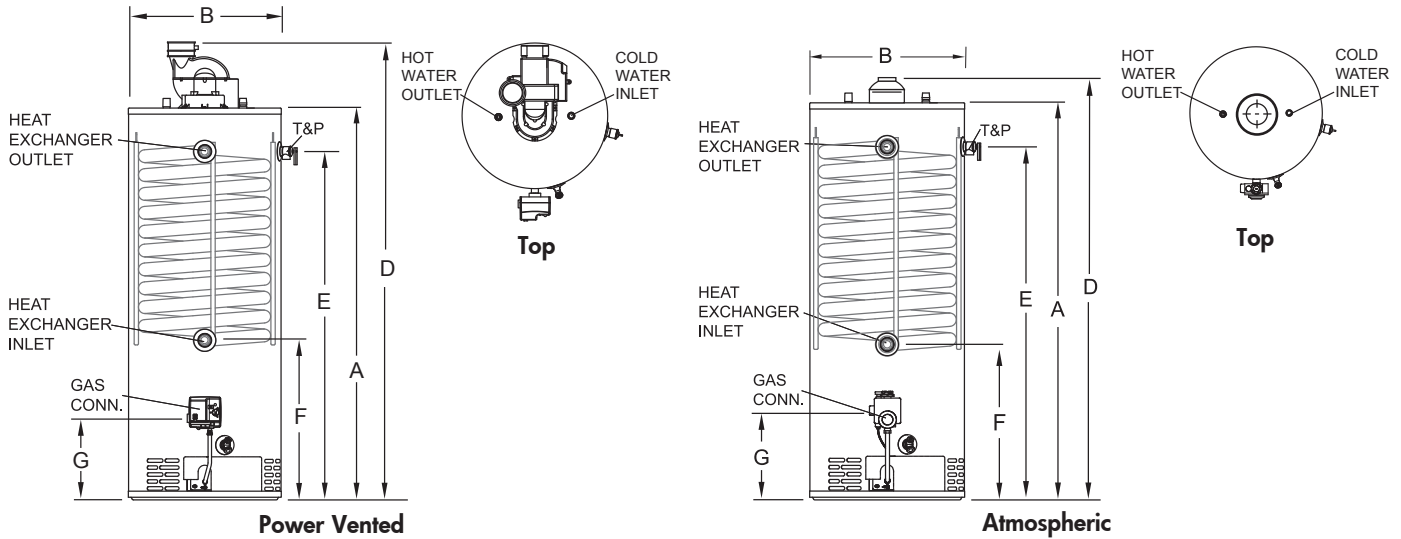
- Vertical or Sidewall Venting
 - Vents up to 60 equivalent feet with 3" PVC
 - Vents up to 180 equivalent feet with 4" PVC
- Note: 90° elbows = 5 eq. ft.*



Use space heating Btu/hr requirement and supply water temperature to select appropriate Double Duty heater.



Dimensions and Specifications



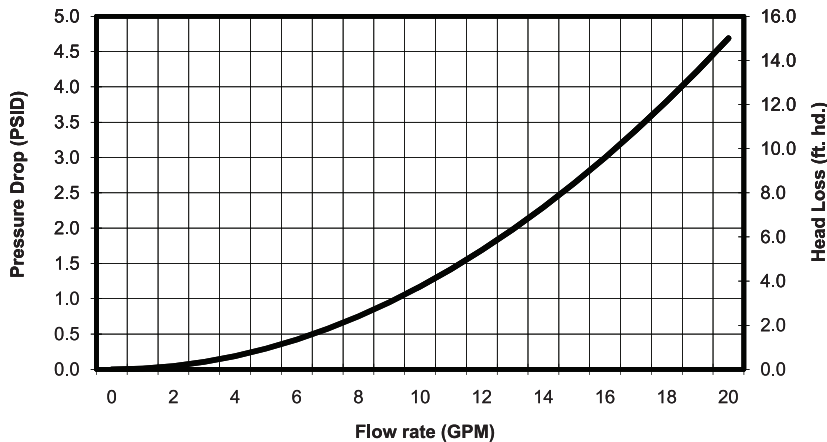
Model Number	Gal. Cap.	Btu/hr Input	GPH @ 90°F Rise	AFUE	A	B	D	E	F	G	Vent Size	Shipping Weight
Atmospheric Models												
XDN051G	45	65,000	70	80.0	56-1/2"	22"	59-1/4"	50"	28"	13"	4"	238
XDL051G (LP)	45	61,000	66	80.0	56-1/2"	22"	59-1/4"	50"	28"	13"	4"	238
XDN075†	72	76,000	82	80.0	60-1/2"	26"	63-3/4"	53"	31"	16"	4"	328
XDL075 (LP)†	72	76,000	82	80.0	60-1/2"	26"	63-3/4"	53"	31"	16"	4"	328
Power Vented Models												
XPNO51G	45	67,000	72	82.0	56-1/2"	22"	66"	50"	28"	11-3/4"	3"	245
XPL051G (LP)	45	60,000	65	82.0	56-1/2"	22"	66"	50"	28"	11-3/4"	3"	245
XPNO75†	72	76,000	82	82.0	60-1/4"	26"	69-3/4"	53"	31"	15"	3"	286
XPL075 (LP)†	72	75,500	81	82.0	60-1/4"	26"	69-3/4"	53"	31"	15"	3"	286

Notes: "G" Suffix indicates models equipped with the Shield Combustion System
 "X" Prefix indicates 10 year tank warranty
 "N" indicates Natural gas, replace "N" with "L" for LP models
 † Indicates models not equipped with Heat Traps.
 All water connections are 3/4" NPT
 All gas connections are 1/2" NPT

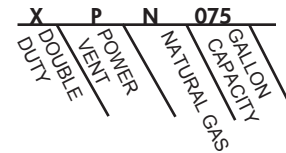
110 VAC 60 HRZ 2.1 AMPS required for Power Vented models.
 Models fired above 75,000 Btu/Hr are certified to ANSI Z21.10.3 and are not required to meet the NAECA or FVIR standard.
 Performance data is based on manufacturer's test results

Double Duty Pressure Drop

Pressure Drop Curve



FOR EASE IN ORDERING
 BY MODEL NUMBER



This heater is 72 gallon Double Duty Power Vented natural gas water heater.



Lochinvar
 High Efficiency Water Heaters, Boilers and Pool Heaters



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