



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.

Standard Features

- **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.
- **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 5 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**
- **Warranty** - Ten year limited tank warranty.
Six year warranty on parts. (see warranty for details)

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.*

Double Duty

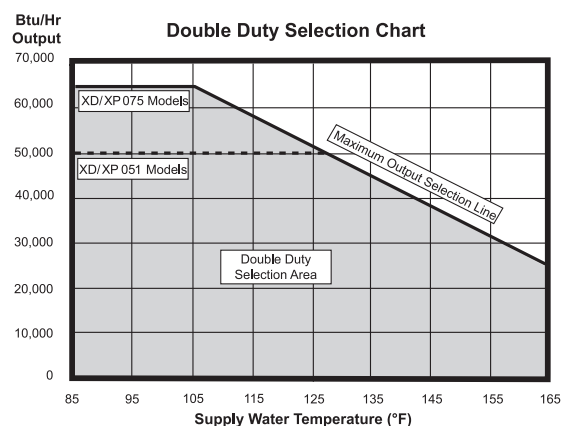
Atmospheric and Power Vented Gas Water Heaters



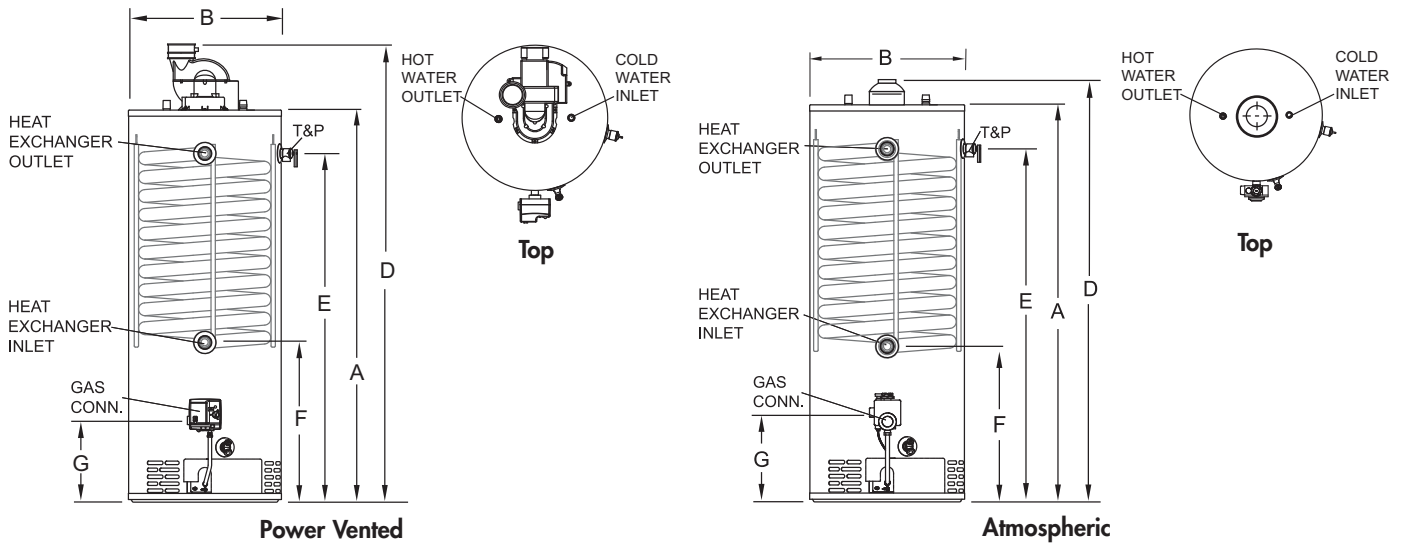
XDN051G

XPN075

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



Dimensions and Specifications



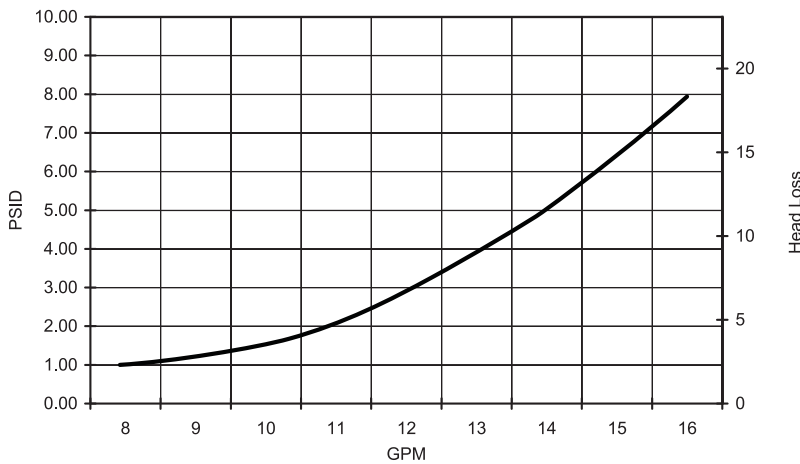
Model Number	Gal. Cap.	Btu/hr Input	GPH @ 90°F Rise	AFUE	Space Heating (Btu/Hr)	A	B	D	E	F	G	Vent Size	Shipping Weight
Atmospheric Models													
XDN051G*	45	65,000	70	80.0	55,000	56-1/2"	22"	59-1/4"	50"	28"	13"	4"	238
XDL051G (LP)*	45	61,000	66	80.0	54,000	56-1/2"	22"	59-1/4"	50"	28"	13"	4"	238
XDN075	72	76,000	81	82.0	55,000	60-1/2"	26"	63-3/4"	53"	31"	16"	4"	328
XDL075 (LP)	72	76,000	81	82.0	54,000	60-1/2"	26"	63-3/4"	53"	31"	16"	4"	328
Power Vented Models													
XPNO51G*	45	67,000	72	82.0	55,000	56-1/2"	22"	66"	50"	28"	11-3/4"	3"	245
XPL051G (LP)*	45	60,000	65	82.0	54,000	56-1/2"	22"	66"	50"	28"	11-3/4"	3"	245
XPNO75	72	76,000	82	82.0	55,000	59"	26"	68-1/2"	51-3/4"	29-1/2"	13-3/4"	3"	301
XPL075 (LP)	72	75,500	81	82.0	54,000	60-1/4"	26"	69-3/4"	53"	31"	15"	3"	335

Notes: All water connections are 3/4" NPT.
All gas connections are 1/2" NPT.

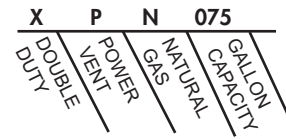
Performance data is based on manufacturer's test results.
* Indicates models equipped with Shield Combustion System.

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.

Double Duty Pressure Drop



FOR EASE IN ORDERING
BY MODEL NUMBER



This heater is 72 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.



Lochinvar
High Efficiency Water Heaters, Boilers and Pool Heaters



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