

RESIDENTIAL

PREMIER® POWER-VENT

RESIDENTIAL GAS WATER HEATERS

**90% THERMAL
EFFICIENCY.**

50-Gallon Tank

76,000 BTU Input

127-Gallon First Hour Delivery

92 GPH Recovery



SOLID.STATE.



A NEW CHOICE FOR HIGH-DEMAND HOMES

“ The Premier® Power-Vent has a substantially higher first-hour delivery and recovery”

With the new Premier® Power-Vent, you have a water heater with 90% thermal efficiency for high-demand residential applications. Homeowners can say goodbye to cold showers, because this advanced State alternative to larger water heaters or on-demand units can go “non-stop”. Continuous flow ensures a supply that’s always ready for one more hot shower.

Who is most likely to need a Premier Power-Vent?

Premier Power-Vent is designed for today’s lifestyles that demand more hot water than ever before. It is particularly suited for larger homes with multiple bathrooms and whirlpool tubs and for families with teenagers, who typically take longer and more frequent showers.

Why is the Premier Power-Vent better than a standard 50-gallon water heater?

Compared to a standard 50-gallon water heater, the Premier Power-Vent has a substantially higher first-hour delivery and recovery, providing homeowners with a non-stop flow of hot water. And with 90% thermal efficiency, the Premier Power-Vent can heat more water for significantly less, which equates to considerable energy cost savings.



Why is the Premier Power-Vent better than larger units?

In addition to its 90% thermal efficiency, the Premier Power-Vent has a standard 50-gallon footprint, making it the preferred choice over larger units when space is a factor. It also vents using inexpensive PVC pipe, instead of more costly metal vent.

Why is the Premier Power-Vent better than on-demand water heaters?

During peak demand periods when families need hot water most, Premier Power-Vent manages the load better than any on-demand water heater. It also delivers a non-stop supply of hot water, so your customers can always count on “one more hot shower”. And unlike on-demand units, there won’t be any surprises during Premier Power-Vent installation, because size and placement of gas and water lines are identical to a conventional tank-type gas water heater.





Quality and performance that will keep homeowners in hot water!



1 On/Off Control helps simplify service and allows total shutdown during vacation by cutting all power to water heater with the flick of a switch.

2 Premium-Grade Glass Lining with Dual Anode Rods provides the highest quality "commercial grade" defense against leaks.

4 Low-NOx Green Choice® Burner for "eco-friendly" operation, complies with Southern California and Texas low-NOx standards.

5 Power-Vent Flexibility uses 2", 3" or 4" PVC pipe and provides outstanding flexibility in location of water heater through use of long combined horizontal and vertical vent runs.

6 Hot and Cold Recirculating Connections conveniently located on side of unit, for combination hot water/space heating or hot water/radiant floor heating applications.

3 Advanced Electronic Gas Control - Intelli-Vent™ control, with premium-grade silicon nitride hot surface ignitor, state-of-the-art circuitry for precise temperature control and easy-to-understand LED diagnostic codes.

7 State PEXAN™ Dip Tube for Long Life, made from a rugged cross-link polymer for superior resistance to thermal oxidation, with "diffuser" design to help reduce sediment buildup.

8 Fully Submerged Coil Heat Exchanger with helical configuration maximizes heat transfer area for 90% thermal efficiency and superior hot water output.

9 Easy Removal of Flue Gas Condensate created by 90% efficiency, using condensate elbow and outlet supplied with water heater.



AWESOME OUTPUT, 90% EFFICIENCY AND EASY INSTALLATION!



With as much power as larger water heaters in a standard 50-gallon footprint, the Premier® Power-Vent is the natural choice for an “upgrade” replacement. Size and location of gas and water connections are identical to conventional gas water heaters. And the versatile power-vent design allows combined vertical and horizontal vent runs of up to 128 equivalent feet, using inexpensive, contractor-friendly 2”, 3” or 4” PVC pipe.

Maximum Vent Length (Equivalent Feet)

- 2" PVC → 25 feet
- 3" PVC → 65 feet
- 4" PVC → 128 feet



Premier® Power-Vent Performance Comparison

	Thermal Efficiency	Recovery 90°F Rise	First Hour Delivery
Premier Power-Vent 50-Gallon/76,000 BTUs	90%	92 Gallons	127 Gallons
“Standard” 50-Gallon 50-Gallon/40,000 BTUs	76%	41 Gallons	91 Gallons
Power Direct-Vent 75-Gallon/70,000 BTUs	76%	72 Gallons	123 Gallons

Premier® Power-Vent Residential Water Heater

Model	Gallon Capacity	First Hour Delivery	BTU/Hr. Input	Recovery in GPH @ 90° Rise Natural	Height*	Diameter
GP6 50 YTVIT	50	127	76,000	92	70-5/8"	22"

* To top of blower outlet
 Approved for Canada

For more information on Premier® Power-Vent, contact:

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