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## **NEW STATE PREMIER® POWER VENT MAXIMIZES HOT WATER OUTPUT WITH 90 PERCENT THERMAL EFFICIENCY**

ASHLAND CITY, Tenn. – April 17, 2006 – State Industries, Inc. introduces Premier® Power Vent, which offers simplified installation and provides unprecedented hot water output. It is a revolutionary product for plumbing contractors giving them another option to address the ever-increasing consumer demand for hot water. The new 76,000 BTU residential gas unit features 90 percent thermal efficiency to combine higher hot water output with lower operating costs.

Premier Power Vent offers significant operating cost savings compared to conventional 78 percent efficient gas water heaters. And, with an estimated 127-gallon first hour delivery and 93 GPH recovery, it provides greater hot water output. The rate of hot water delivery rivals that of a conventional 75-gallon tank-type unit and installs in a standard 22" footprint. Premier Power Vent also delivers a generous continuous flow... "non-stop" hot water for that last shower.

Simplified installation gives plumbing contractors a solution for applications where an existing 40- or 50-gallon unit is already installed and needs replacing. The height, diameter

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and placement of water and gas connections on the Premier Power Vent unit are identical to standard gas units. And its power-vent design delivers tremendous installation versatility, allowing vertical or sidewall venting using 2", 3" or 4" PVC pipe. Using 4" pipe for venting allows combined vertical and horizontal vent runs of up to 128 equivalent feet.

In addition, side-mounted hot and cold recirculating taps allow Premier Power Vent to be installed as part of a combination space heating/water heating application, radiant floor heating system or any system requiring a recirculating hot water loop.

At the heart of the unit's 90 percent efficient design is an internal "helical coil" heat exchanger with more surface area exposed to water in the tank than a standard straight vertical flue tube. The increased surface area of the helical coil has been proven to provide improved thermal efficiency in commercial products manufactured by State. The increased heat transfer surface area – combined with the length of the coil -- enables Premier Power Vent to accept 76,000 BTU input while keeping heat energy inside the tank longer. Higher input with more efficient combustion produces much more hot water, with lower operating costs.

State Industries, Inc. offers a comprehensive selection of water heaters for professional contractors and has been a leader in the design and manufacture of water heaters for commercial and residential applications since 1946. For more information, visit [www.statewaterheaters.com](http://www.statewaterheaters.com).

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