

LOW NO<sub>x</sub> TURBOPOWER® • PACKAGED WATER HEATER  
**POLYSHIELD® POLYMER-LINED STORAGE TANK**  
**TANK SERIES 250 GALLONS HORIZONTAL**

| MODEL NUMBER     | Recovery gph ① |             | INPUT Btu/h | Min. Inlet Flow Gas Pressure " W.C. ③ | SCAQMD Energy Model No. |            | Dimensions (inches) |   |     |     | Blower Motor |      | Shipping Weight lbs |
|------------------|----------------|-------------|-------------|---------------------------------------|-------------------------|------------|---------------------|---|-----|-----|--------------|------|---------------------|
|                  | 40° - 120°F    | 40° - 140°F |             |                                       |                         |            | A                   | B | C   | J ② | HP           | Amps |                     |
| 250 PHE 250A-TPL | 250            | 200         | 199,000     | 4.5                                   | 2TPL                    | 199 MBtu/h | 23                  | 4 | 1/2 | 16  | 1/3          | 8    | 1395                |
| 375 PHE 250A-TPL | 375            | 300         | 300,000     | 4.5                                   | 3TPL                    | 299 MBtu/h | 23                  | 4 | 3/4 | 16  | 1/3          | 8    | 1400                |
| 500 PHE 250A-TPL | 500            | 400         | 399,000     | 4.5                                   | 4TPL                    | 399 MBtu/h | 23                  | 5 | 3/4 | 16  | 1/3          | 8    | 1400                |

① Recoveries based on 83% thermal efficiency. ASHRAE 90.1 compliant for efficiency and standby loss.

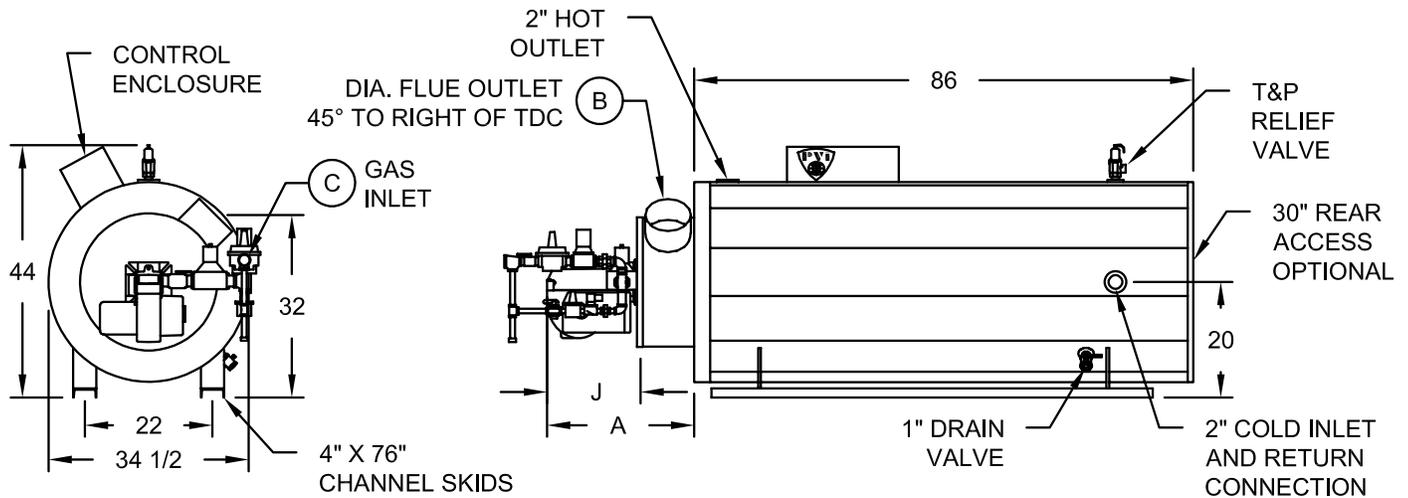
② "J" dimension is for the burner housing only – gas train may exceed this dimension.

③ Standard gas train.

\* The information presented is for natural gas 0.6 S.G.

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form #PV6550.



**STANDARD GAS PRESSURE REQUIREMENTS:**

SEE TABLE FOR MINIMUM PRESSURE BY MODEL NUMBER.  
 MAXIMUM STATIC INLET GAS PRESSURE IS 14" W.C.  
 FOR GAS PRESSURES OUTSIDE OF THIS RANGE,  
 CONTACT YOUR PVI REPRESENTATIVE.

**VENTING REQUIREMENTS:**

-.02" TO -.06" W.C. (NEGATIVE PRESSURE).  
 TYPE B VENTING.  
**ENTIRE VENT SYSTEM SHOULD NEVER BE SIZED BASED UPON  
 THE VENT CONNECTION DIAMETER EXCLUSIVELY. CHECK  
 NATIONAL FUEL GAS CODE UNDER "FAN ASSISTED."**

**STANDARD ELECTRICAL REQUIREMENTS:**

**CONTROL VOLTAGE:** 120V, 1Ø, 60 HZ., 2 AMPS.  
**MOTOR VOLTAGE:** 1/3 HP ARE 120V, 1Ø, 60 HZ.  
 208V, 230V AND 460V MOTORS ARE AVAILABLE BUT WILL  
 REQUIRE A SEPARATE 120V/2 amps CONTROL CIRCUIT OR AN  
 OPTIONAL CONTROL CIRCUIT TRANSFORMER.

**PVI RESERVES THE RIGHT TO CHANGE THE DESIGN AND  
 SPECIFICATION WITHOUT NOTICE.**



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Product is patented in the U.S., Canada, and Mexico.

