

# LOW NO<sub>x</sub> TURBOPOWER® • PACKAGED WATER HEATER

## NICKELSHIELD® NICKEL-PLATED STORAGE TANK

### TANK SERIES 400 GALLONS VERTICAL

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 Ø	HP	Amps	
250 N 400A-TPL	250	200	199,000	4.5	2TPL	199 MBtu/h	28	4	1/2	16	1/3	8	1722
375 N 400A-TPL	375	300	300,000	4.5	3TPL	299 MBtu/h	28	4	3/4	16	1/3	8	1730
500 N 400A-TPL	500	400	399,000	4.5	4TPL	399 MBtu/h	28	5	3/4	16	1/3	8	1740

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

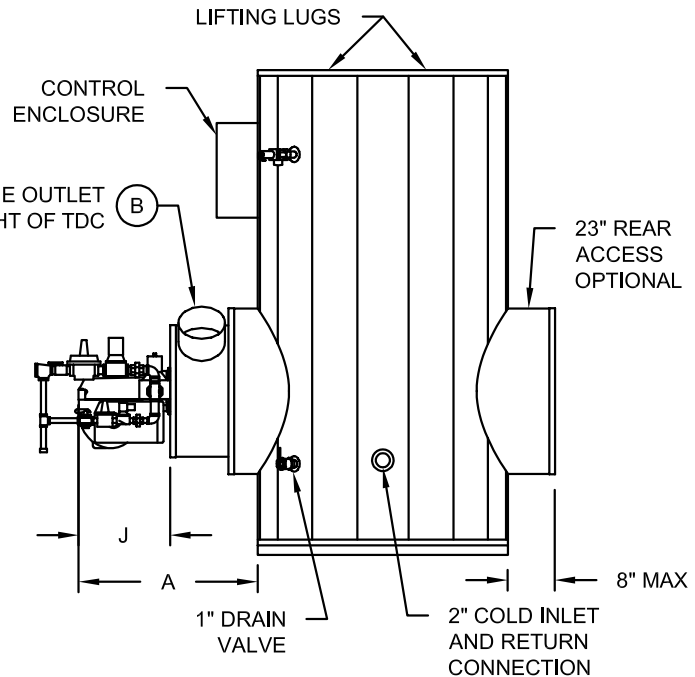
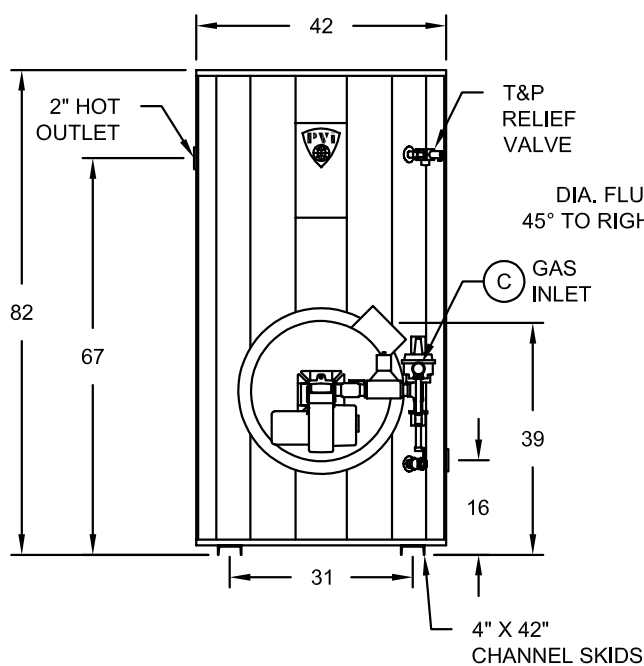
② "J" dimension is for the burner housing only – gas train may exceed this dimension.

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 #PV6540.



#### 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.

