

LOW NO_x TURBOPOWER® • PACKAGED WATER HEATER
AquaPLEX® STORAGE TANK (UNLINED DUPLEX ALLOY)

TANK SERIES 500 GALLONS VERTICAL

MODEL NUMBER	Recovery gph ①		INPUT Btu/h	Min. Inlet Flow Gas Pressure " W.C. ③	SCAQMD Energy Model No.		Blower Motor		Shipping Weight lbs		
	40° - 120°F	40° - 140°F					A	B		HP	Amps
250 L 500A-TPL	250	200	199,000	4.5	2TPL	199 MBtu/h	4	3/4	1/6	3	1815
375 L 500A-TPL	375	300	300,000	4.5	3TPL	299 MBtu/h	4	3/4	1/6	3	1825
500 L 500A-TPL	500	400	399,000	4.5	4TPL	399 MBtu/h	5	3/4	1/6	3	1835

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

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

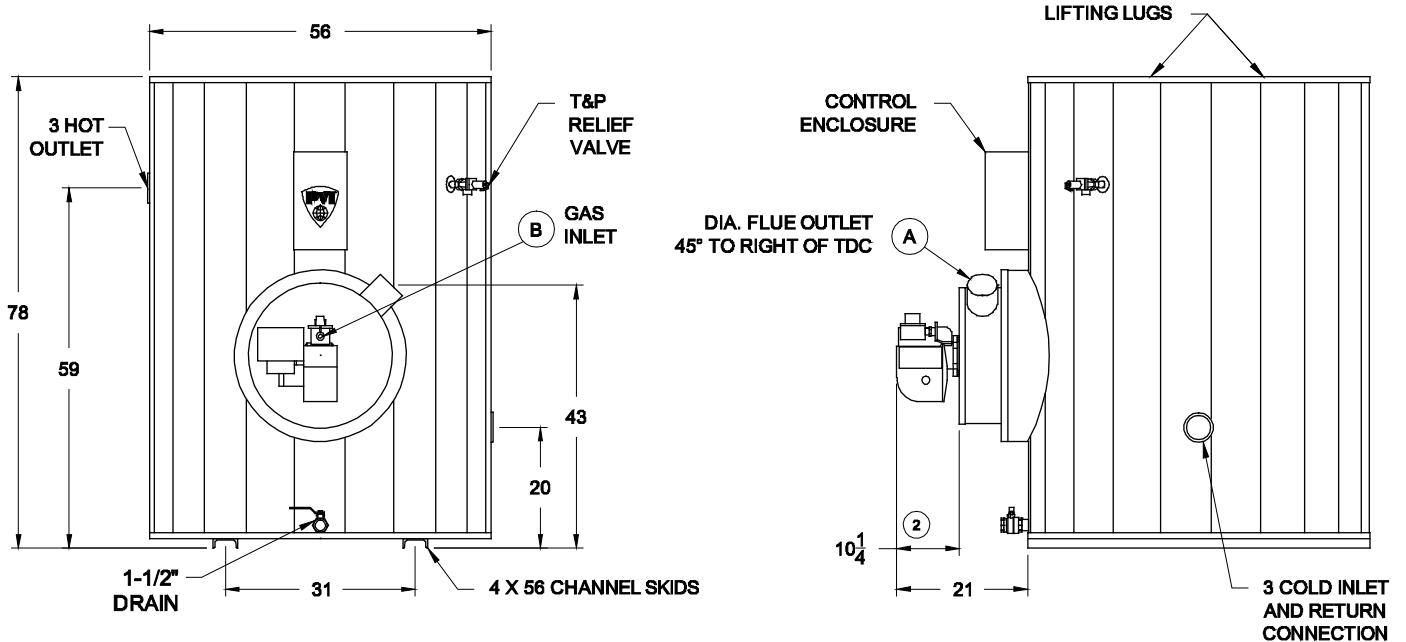
③ Standard gas train.

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

Minimum inlet pressure for LP = 8.0 W.C.

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form #PV8089.



STANDARD GAS PRESSURE REQUIREMENTS:
SEE TABLE FOR MINIMUM PRESSURE BY MODEL NUMBER.
MAXIMUM STATIC INLET GAS PRESSURE IS 10.5" 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: 120V, 1Ø, 60 HZ.

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



PVI INDUSTRIES, LLC
FORT WORTH, TEXAS 76111
(800) 784-8326 • www.pvi.com