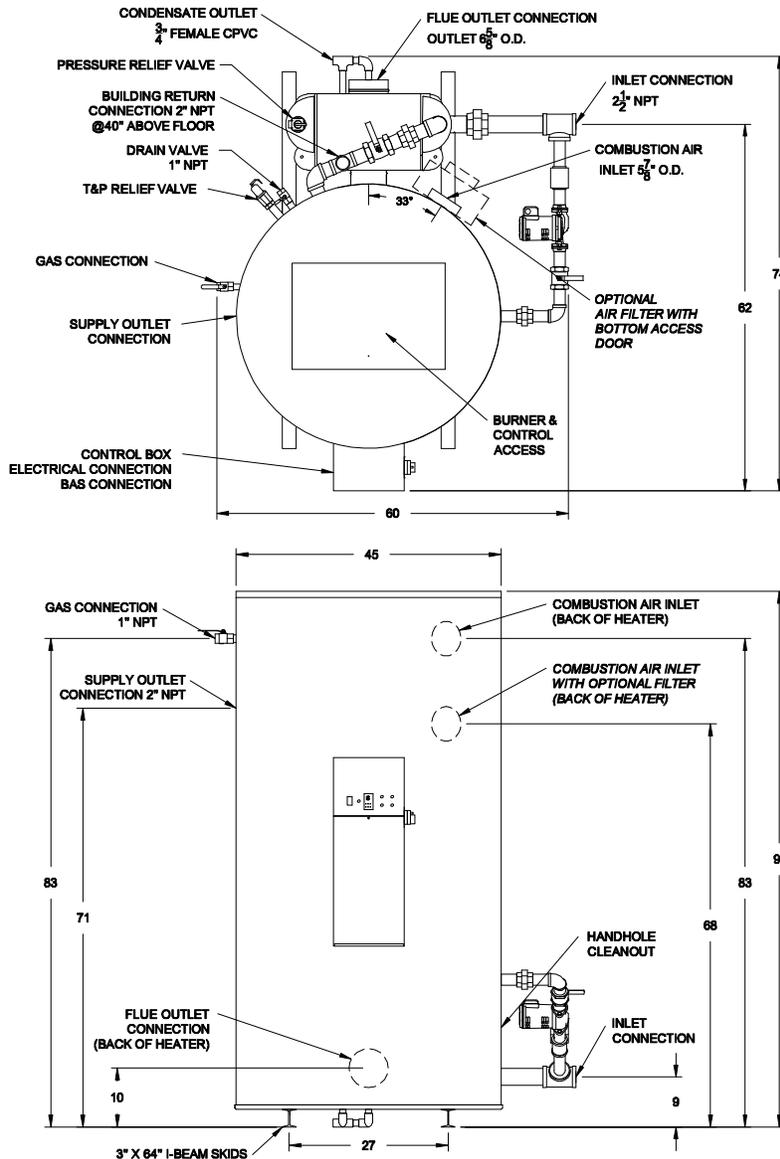


**POWER VT<sup>®</sup> Plus Condensing Water Heater**  
**AquaPLEX<sup>®</sup> STORAGE TANK (UNLINED DUPLEX ALLOY)**  
**TANK SERIES 300 Gallon ■ 500 to 750 MBH**

MODEL	BTU INPUT	GPH RECOVERY - Thermal Efficiency		SHIPPING WEIGHT (LBS.)	OPERATING WEIGHT (LBS.)
		70° to 140°F <sup>①</sup>	40° to 140°F <sup>②</sup>		
50 LX 300A-PVIF	500,000	823 (96%)	588 (98%)	1920	3860
75 LX 300A-PVIF	750,000	1235 (96%)	882 (98%)	2110	3695

① Recovery and thermal efficiency derived from DOE 10 CFR 431 testing requirements (ANSI Z21.10.3 @ 70°F to 140°F).  
 ② Recovery and thermal efficiency based upon 40°F entering water temperature at full fire.  
 Dimensions are in inches unless otherwise specified.  
 For standard and optional equipment, see form PV 8002.



<b>Standard Electrical</b>
120V, 1Ø, 60 Hz., 13 amp circuit
<b>Venting</b>
Use a 6" CPVC vent or use an ETL, UL, ULC or CSA listed single or double wall 6" stainless steel or listed Polypropylene Category IV venting system, minimum distance 5 eq. feet, maximum distance 100 eq. feet. Longer vents, ETL listed with larger diameters, see I&M.
<b>Inlet Combustion Air</b>
Up to 100 eq. ft. using 6" PVC or galvanized vent pipe. Longer lengths, ETL listed with larger diameters, see I&M.
<b>Gas Pressure - Natural</b>
Minimum inlet flow pressure: 4.5" W.C. Maximum static pressure: 14" W.C. For < 4.5"W.C., consult factory. For LP option, consult factory.
<b>Minimum Service Clearances</b>
18" from sides, 24" from front and top
<b>Emissions</b>
< 20 ppm NOx

**During installation, heater must remain upright. Do NOT tilt or lay heater on its side.**

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