

Conquest® Semi-Instantaneous OUTDOOR CONDENSING WATER HEATER

AquaPLEX® Storage Tank and Heat Exchanger (unlined duplex alloy) • 130 Gallon Tank

MODEL ▼	INPUT BTU	Modulating	RECOVERY GPH (Thermal Efficiency)		** GAS CONNECTION NPT	** VENT DIAMETER (ETL listed for longer vents with larger dia.)	OPERATING Weight (lbs)
			70°F to 140°F ①	40°F to 140°F ②			
40 L 130A-GCMLW	399,000	Yes	657 (96%)	471 (98%)	3/4	4" @ 125 eq. ft.	1800
50 L 130A-GCMLW	500,000	Yes	823 (96%)	588 (98%)	1	4" @ 80 eq. ft.	
60 L 130A-GCMLW	600,000	Yes	988 (96%)	699 (97%)	1	6" @ 250 eq. ft.	
70 L 130A-GCMLW	700,000	Yes	1152 (96%)	815 (97%)	1	6" @ 250 eq. ft.	
80 L 130A-GCMLW	800,000	Yes	1317 (96%)	932 (97%)	1	6" @ 250 eq. ft.	

① Recovers and thermal efficiency based upon DOE 10 CFR 431 testing per ANSI Z21.10.3 @ 70°F to 140°F

② Recovers and thermal efficiency based upon 40°F entering water temperature

Dimensions are in inches unless otherwise indicated

For standard and optional equipment, refer to form PV 9029

Empty weight is 720 pounds and shipping weight is 880 pounds (all models)



Standard Electrical Service

120VAC, 1Ø, 60 Hz.
All models < 11 amps.

Venting

Use a Category IV, 6" PVC, CPVC or ETL, UL, ULC or CSA listed stainless steel or Centrotherm InnoFlue SW Polypropylene vent.

Recommended vent termination for outdoor installation is a 5' vertical rise connected directly to the vent connection, followed by an elbow pointed away from the heater, then a 45° elbow pointed down.

Inlet Combustion Air Intake

Combustion air enters around the perimeter of the Outdoor Air Intake and Cover. Air filtration media is located under the top cover.

Gas Pressure - Natural

Minimum inlet flow pressure 3.5" W.C.
Maximum static pressure 14.0" W.C.
For LP gas, refer to installation manual.

Minimum Clearance from Combustibles

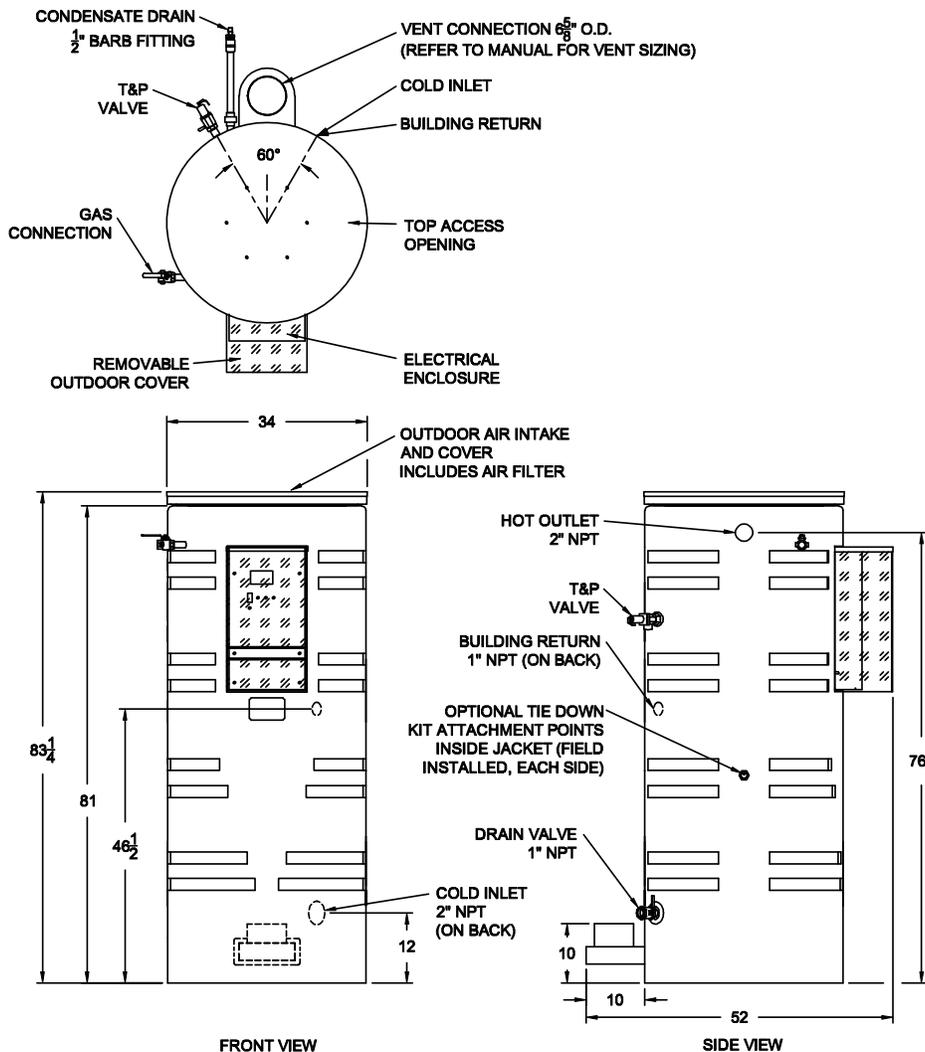
Zero clearance from sides and rear, 24" from front, 15" from top. Can be installed directly on a combustible floor.

Recommended Service Clearances

18" from all sides.
Check local and national codes for additional clearance requirements.

Emissions

All models < 20 ppm NOx.



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



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** Do not size vent and gas line based only upon connection diameter at the appliance. Refer to installation manual for sizing requirements.