

Conquest® Semi-Instantaneous GAS 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			
90 L 130A-GCML	900,000	Yes	1471 (95%)	1041 (96%)	1	6" @ 150 eq. ft.	1825
100 L 130A-GCML	999,000	Yes	1635 (95%)	1157 (96%)	1	6" @ 150 eq. ft.	

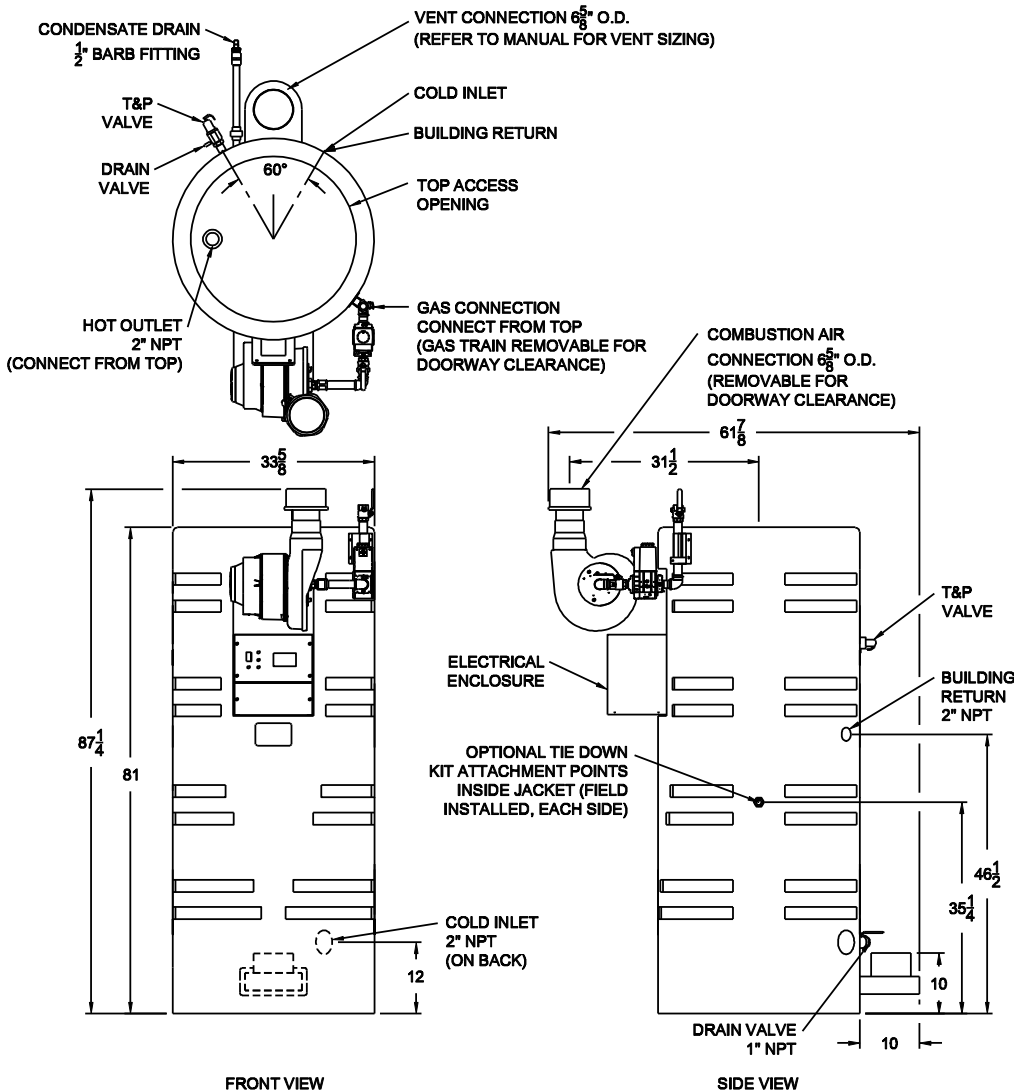
① Recoveries and thermal efficiency based upon DOE 10 CFR 431 testing per ANSI Z21.10.3 @ 70°F to 140°F

② Recoveries 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 9028

Empty weight is 750 pounds and shipping weight is 910 pounds (all models)



Standard Electrical Service

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

Venting

Use a Category IV PVC, CPVC or ETL, UL, ULC or CSA listed stainless steel or Centrotherm InnoFlue SW Polypropylene vent.
Minimum vent length is 5 eq. feet.
Maximum vent length varies by model number and vent diameter.

Inlet Combustion Air Duct

Use PVC or galvanized pipe.
150 eq. ft. using 6" pipe.
Longer lengths are ETL listed with larger diameters, refer to installation manual.

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.

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

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

