

MAXIM• PACKAGED GAS/OIL WATER HEATER

AquaPLEX® STORAGE TANK (UNLINED DUPLEX ALLOY)

TANK SERIES 250 GALLON

MODEL NUMBER ▶	100-7.1 L 250A-PGO	120-9.0 L 250A-PGO
GPH Recovery at 40° to 120° F	1250	1500
GPH Recovery at 40° to 140° F	1000	1200
Input Btu/h	1,000,000	1,200,000
Input, gph #2 Fuel Oil	7.1	8.6
A Cold Inlet - NPT	2	2
B Hot Outlet - NPT	2	2
C Drain - NPT	1	1
D 1 - Beam Skids	3 X 45	3 X 45
F Overall Height	82	82
G Flue Outlet Diameter	10	12
H Gas Inlet	1	1-1/4
Minimum Inlet Flow Gas Pressure	8.0" W.C.	8.0" W.C.
Maximum Static Gas Pressure	14" W.C.	14" W.C.
J Oil Inlet	1/2	1/2
Motor HP 120 V, 1Ø, 60 Hz.	1/2	1/2
Motor Amps	10	10
L Height to Outlet	73	73
M Height to Inlet	36	36
N Overall Depth	83	83
P Depth of Burner Housing	31	31
Max. Oil gph (gear capacity) ①	20	20
Approx. Shipping Weight - lbs	1870	2000

Recoveries based on 83% thermal efficiency. ASHRAE 90.1 compliant.

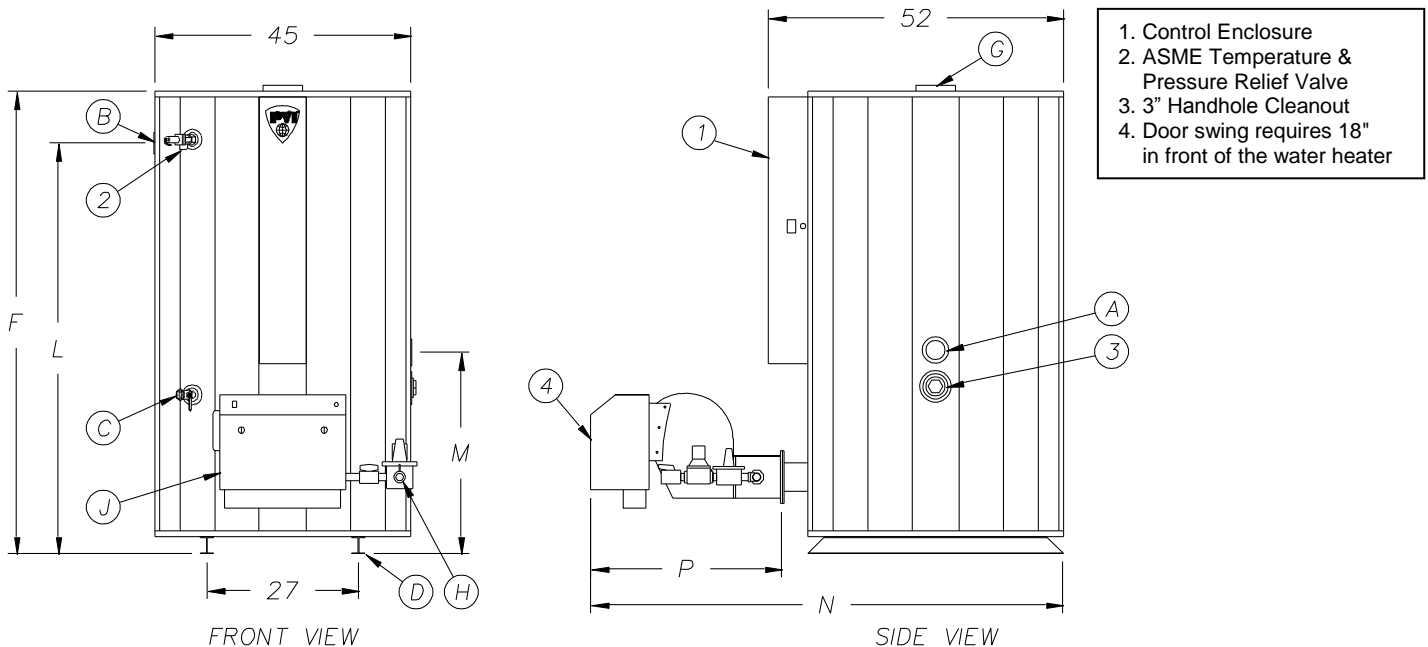
① Standard gear capacities may change depending on burner supplier.

Designer must use gear capacities from the above chart to size the oil distribution piping system; including transfer pumps (if used).

The information presented is for Natural gas 0.6 S.G.—For operation with Propane (LP gas), consult factory.

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form PV 8403.



1. Control Enclosure
2. ASME Temperature & Pressure Relief Valve
3. 3" Handhole Cleanout
4. Door swing requires 18" in front of the water heater

STANDARD ELECTRICAL REQUIREMENTS:
CONTROL VOLTAGE: 120V, 1Ø, 60 HZ., 2 AMPS
MOTOR VOLTAGE: 120V, 1Ø, 60 HZ.
 SEE ABOVE CHART FOR BLOWER MOTOR AMPS

VENTING REQUIREMENTS:
 -.02" TO -.06" W.C. (NEGATIVE PRESSURE).
THE ENTIRE VENT SYSTEM SHOULD NEVER BE SIZED BASED UPON THE VENT CONNECTION DIAMETER EXCLUSIVELY.
FOR PROPER SIZING, CONSULT THE NATIONAL FUEL GAS CODE UNDER "FAN-ASSISTED".

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



PVI Industries, LLC
 Fort Worth, TX • (800) 784-8326 • www.pvi.com