

# MAXIM • PACKAGED OIL WATER HEATER

## AquaPLEX® STORAGE TANK (UNLINED DUPLEX ALLOY)

### TANK SERIES 125 GALLON

MODEL NUMBER	27 L 125A-MXO	40 L 125A-MXO	48 L 125A-MXO
GPH Recovery at 70° to 140°F ①	376	555	665
GPH Recovery at 40° to 140°F ②	270	400	465
Input Btu/h	270,000	399,000	480,000
Input gph #2 Fuel Oil	2.0	2.8	3.4
A Cold Inlet - NPT	2	2	2
B Hot Outlet - NPT	2	2	2
C Drain - NPT	1	1	1
D I - Beam Skids	3 x 34-1/2	3 x 34-1/2	3 x 34-1/2
F Overall Height	75	75	82
G Flue Outlet Diameter	6	7	8
H Oil Inlet - NPT	1/2	1/2	1/2
J Motor HP 120 V, 1Ø, 60 Hz.	1/2	1/2	1/2
Motor Amps	10	10	10
L Height to Outlet	65	65	73
M Height to Inlet	28	28	36
Max. Oil gph (gear capacity) ③		70	70
Approx. Shipping Weight - lbs	1070	1120	1260

① Recovers derived from DOE 10 CFR 431 testing requirements (ANSI Z 21.10.3 @ 70° to 140°F).

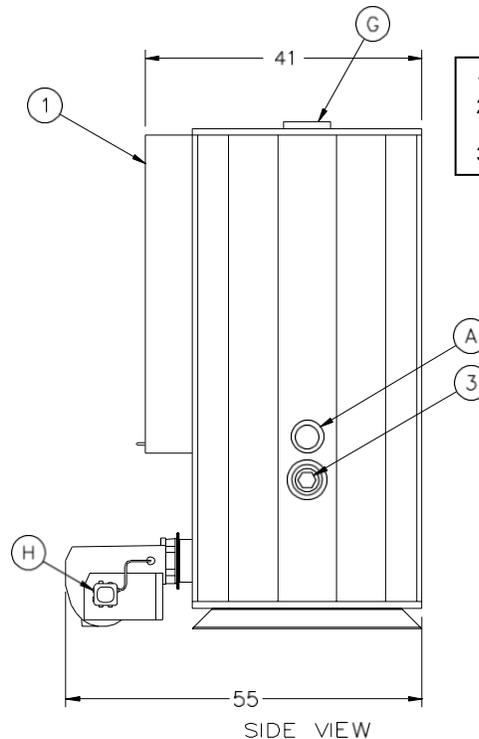
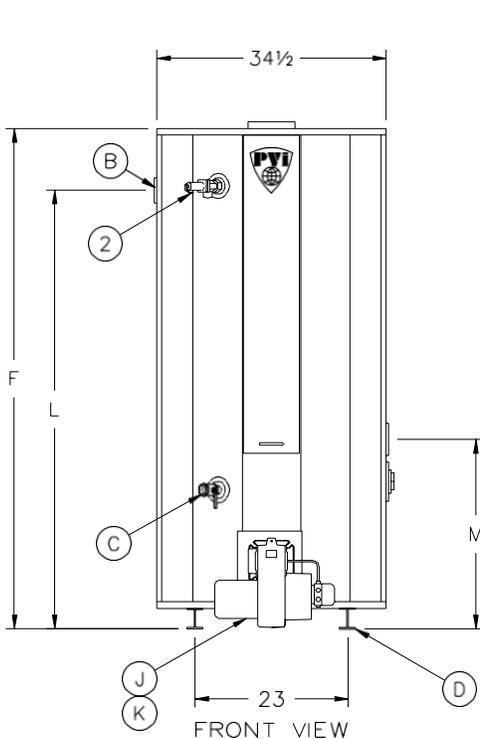
② Recovers based upon 40°F entering water temperature.

③ 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).

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form PV 8398.



1. Control Enclosure
2. ASME Temperature & Pressure Relief Valve
3. 3" Handhole Cleanout

#### 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 VENTING SUPPLIER.**

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



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