

MAXIM• PACKAGED GAS WATER HEATER

AquaPLEX® STORAGE TANK (UNLINED DUPLEX ALLOY)

TANK SERIES 250 GALLON

MODEL NUMBER	27L250A-MXS	40L250A-MXS	54L250A-MXG	72L250A-MXG	80L250A-MXG	100L250A-MXG	120L250A-MXG
GPH Recovery at 70° to 140°F ①	376	555	751	1001	1113	1391	1669
GPH Recovery at 40° to 140°F ②	270	400	540	720	800	1000	1200
Input Btu/h	270,000	399,000	540,000	720,000	800,000	1,000,000	1,200,000
* Min. inlet flow gas pressure – " W.C.	4.5	4.5	4.5	4.5	4.5	4.5	6
* Max. static gas pressure – " W.C.	10.5	10.5	14	14	14	14	14
A Cold Inlet - NPT	2	2	2	2	2	2	2
B Hot Outlet - NPT	2	2	2	2	2	2	2
C Drain - NPT	1	1	1	1	1	1	1
D I - Beam Skids	3 X 45	3 X 45	3 X 45	3 X 45	3 X 45	3 X 45	3 X 45
E Overall Depth	56	56	63	63	63	63	63
F Overall Height	75	75	82	82	82	82	82
G Flue Outlet Diameter	6	7	8	10	10	10	12
H Gas Inlet - NPT	3/4	3/4	1	1-1/4	1-1/4	2	2
J Motor HP 120V, 1Ø, 60 Hz.	1/6	1/6	1/3	1/3	1/3	1/2	1/2
K Motor Amps	3	3	8	8	8	10	10
L Height to Outlet	65	65	73	73	73	73	73
M Height to Inlet	28	28	36	36	36	36	36
Approx. Shipping Weight - lbs	1335	1370	1440	1535	1610	1670	1760

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

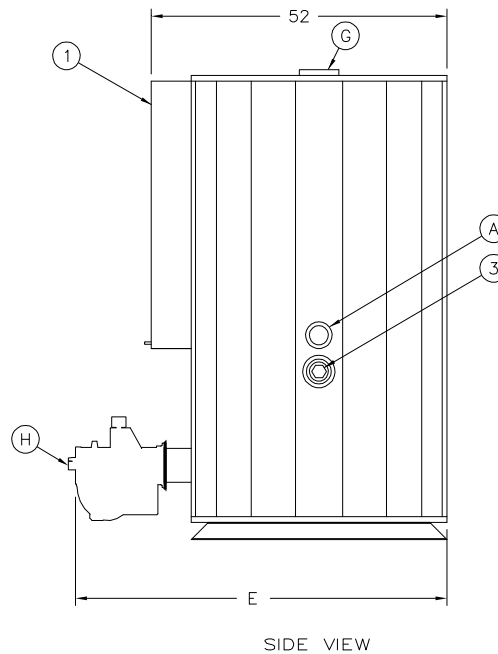
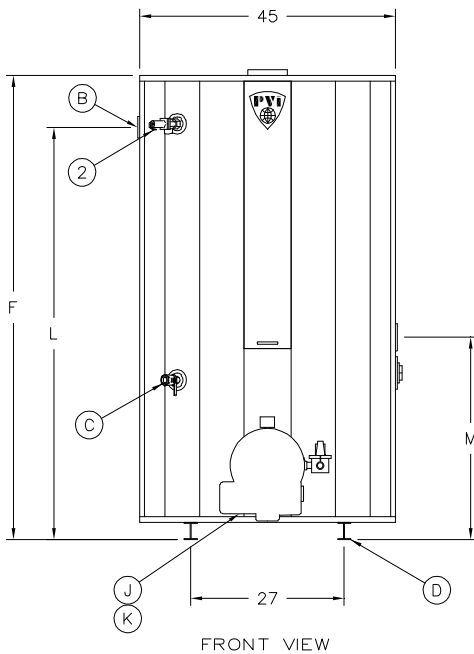
② Recoveries based upon 40°F entering water temperature

Models with suffix "MXS" are registered as low NOx water heaters in Texas.

* The information presented is for natural gas 0.6 S.G. – For operation with propane (LP gas), consult the factory.

* For gas pressures outside of this range, consult factory.

Dimensions are in inches unless otherwise specified. For standard and optional equipment, see form # PV 8127.



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

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).
 TYPE B VENTING
THE ENTIRE VENT SYSTEM SHOULD NEVER BE SIZED BASED UPON THE VENT CONNECTION DIAMETER EXCLUSIVELY.
FOR PROPER VENT SIZING, CONSULT THE NATIONAL FUEL GAS CODE UNDER "FAN-ASSISTED".

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



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