

LOW NO_x MAXIM • PACKAGED GAS WATER HEATER

AquaPLEX[®] STORAGE TANK (UNLINED DUPLEX ALLOY)

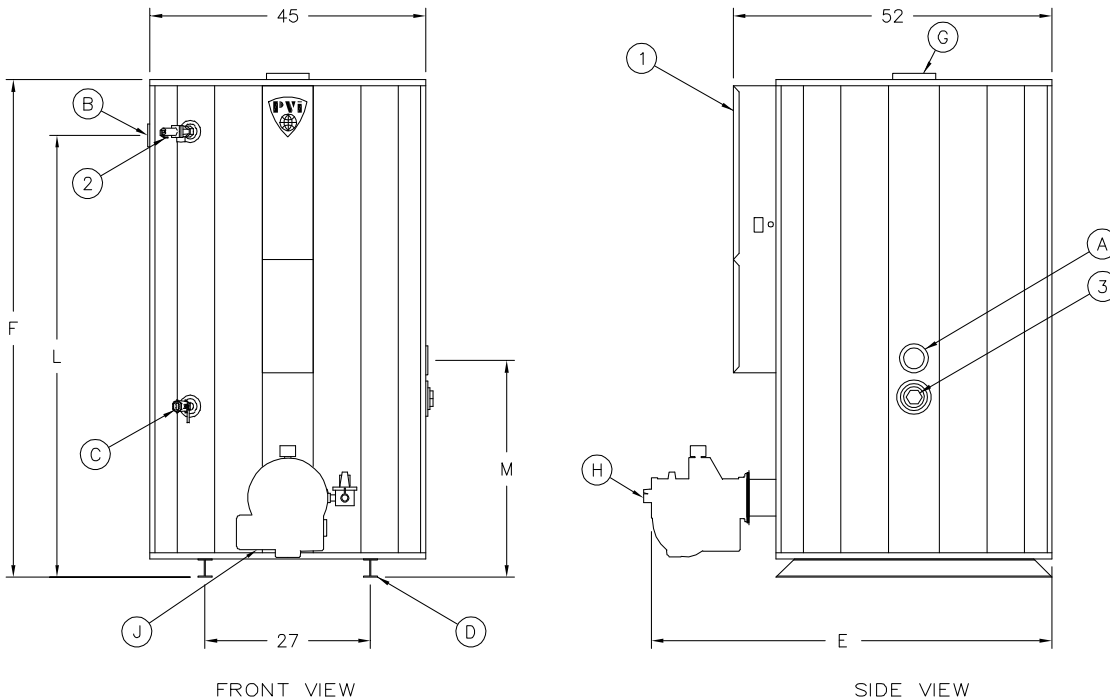
TANK SERIES 250 GALLON

MODEL NUMBER	27 L 250A-MXS	40 L 250A-MXS
GPH Recovery at 70° to 140°F ①	376	555
GPH Recovery at 40° to 140°F ②	270	400
Input Btu/h	270,000	399,000
* Minimum gas inlet pressure – " W.C.	4.5	4.5
A Cold Inlet - NPT	2	2
B Hot Outlet - NPT	2	2
C Drain - NPT	1	1
D I - Beam Skids	3 x 45	3 x 45
E Overall Depth	56	56
F Overall Height	75	75
G Flue Outlet Diameter	6	7
H Gas Inlet - NPT	3/4	3/4
J Motor HP 120V, 1Ø, 60 Hz.	1/6	1/6
Motor Amps	3	3
L Height to Outlet	65	65
M Height to Inlet	28	28
Approx. Shipping Weight - lbs	1335	1370

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
Dimensions are in inches unless otherwise specified.

* The information presented is for natural gas 0.6 S.G. –
For operation with propane (LP gas), consult the factory.
For standard and optional equipment, see form # PV 8123.



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

STANDARD GAS PRESSURE REQUIREMENTS:
SEE TABLE FOR MINIMUM PRESSURE BY MODEL NUMBER.
MAXIMUM STATIC PRESSURE: 10.5" W.C. for 270 and 400 MBtu/h
AND 14" W.C. for 540 and 650 MBtu/h
FOR GAS PRESSURES OUTSIDE OF THIS RANGE,
CONTACT YOUR PVI REPRESENTATIVE.

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.



PVI INDUSTRIES, LLC
FORT WORTH, TEXAS 76111
(800) 784-8326 • www.pvi.com