

EMX SERIES • Gas-Fired WATER BOILER

400,000 to 800,000 Btu/h (10 to 20 hp)

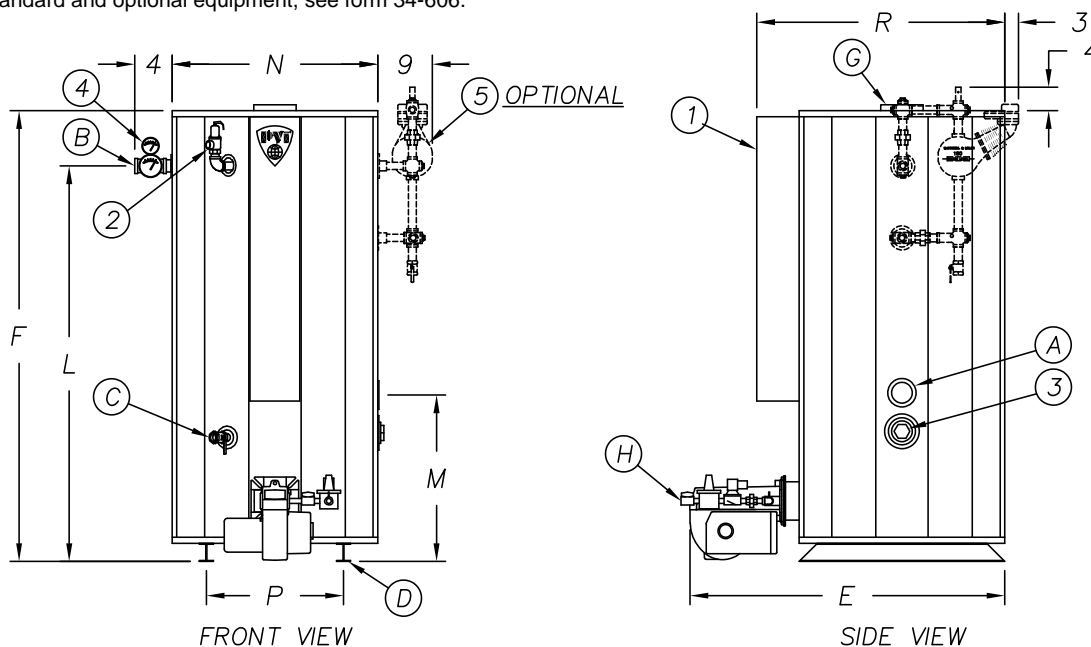
MODEL NUMBER ►	10 WB125A-MXS	13 WB125A-MXG	18 WB125A-MXG	20 WB125A-MXG
Boiler Horsepower	10	13	18	20
Input Btu/h	399,000	540,000	720,000	800,000
Output Btu/h	328,000	442,800	590,400	656,000
* Min. inlet flow gas press. " W.C.	5.5	4.5	4.5	4.5
Max. static gas pressure " W.C.	9	14	14	14
A Cold Inlet - NPT	2	2	2	2
B Hot Outlet - NPT	2	2	2	2
C Drain - NPT	1	1	1	1
D 1 - Beam Skids	3 x 34-1/2	3 x 34-1/2	3 x 34-1/2	3 x 34-1/2
E Overall Depth	45	52	52	54
F Overall Height	75	82	82	82
G Flue Outlet Diameter	7	8	10	10
H Gas Inlet - NPT	3/4	1	1-1/4	1-1/4
Motor HP 120 V, 1Ø, 60 Hz.	1/6	1/3	1/3	1/3
Motor Amps	1.75	8	8	8
L Height to Outlet	65	73	73	73
M Height to Inlet	28	36	36	36
N Width	34-1/2	34-1/2	34-1/2	34-1/2
P Skid Centers	23	23	23	23
R Front to Back	41	41	41	41
Approx. Shipping Weight - lbs	1120	1260	1370	1390

Output rating based on 82% combustion efficiency.

* The information presented is for natural gas 0.6 S.G. and std. gas train – For operation with propane (LP gas), consult the factory. FOR GAS PRESSURES OUTSIDE OF THIS RANGE, CONTACT YOUR RIVERSIDE HYDRONICS REPRESENTATIVE.

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form 34-606.



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".

MINIMUM CLEARANCES:

8" FROM TOP, SIDES AND REAR, 24" FROM FRONT.
ADDITIONAL CLEARANCE FOR SERVICE IS RECOMMENDED.

1. Control Enclosure
2. ASME Pressure Relief Valve
3. 3" NPT Handhole
4. Temperature & Pressure Gauges
5. Float Low Water Cut-off (Optional)

ELECTRICAL REQUIREMENTS:

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