



Rockmills Steel Products ©

Excellence Since 1954

(516) 829-8555

Info@rockmillsboilers.com

(718) 366-8300

Specifications



Series MP
Horse Power:
Efficiency

MP-100
100 H.P.
Up to 85%

Gross Output

Steam	13950.0	SQ.FT
Steam	3347.5	MBH
Steam (per hr from & at 212 Deg F)	3450	LBS

Net Rating

SQ.Ft of Steam	11160.0	SQ.FT
MBH of Steam	2678	MBH

Firing Rate

Light Oil (140000 BTU/Gal)	29.2	GPH
Heavy Oil (150000 BTU GAL)	27.2	GPH
GAS	4082.3	MBH

General Information

Heating Surface	500	SQ.FT
Furnace Volume	69.79	CU. FT
Safety Valve Relieving Capacity - Required Steam (Min)	4000	LB/HR
Steam Outlet Pipe Size	8	IN
Dry Boiler Weight (Approximate)	10,600	LB
Operating Weight (Approximate)	17,814	LB



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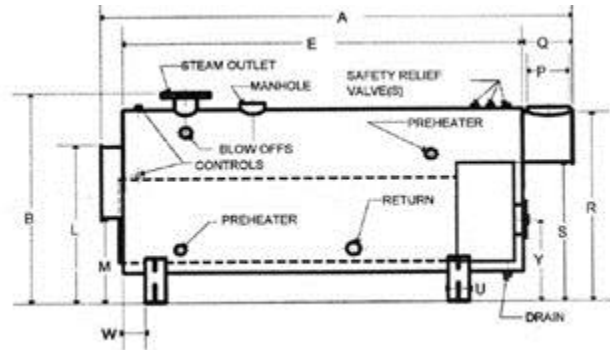
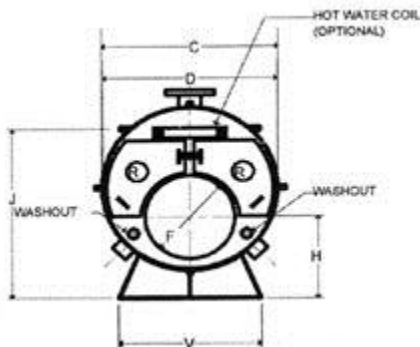
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Dimensions



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** As per ASME code all boilers with a diameter greater than 60" will be equipped with 12"x16" manhole

Dimensions

A	Overall Length	12-3	FT-IN.
B	Overall Height (To Steam Outlet)	86	IN.
C	Shell Diameter (Over jacket 2" thick)	70.75	IN.
D	Shell Diameter	66.75	IN.
E	Shell Length	10-0	FT-IN.
F	Furnace Diameter	34	IN.
G	Furnace Length	94	IN.
H	Height-Centerline of Furnace	34.5	IN.
J	Normal Water Line	68.25	IN.
K	Depth-Front Reversing Chamber	8	IN.
L	Height-Front Rev. Chamber Top	66	IN.
M	Height-Front Rev. Chamber Bottom	34.75	IN.
N	Depth-Rear Combustion Chamber	18	IN.
P	Vent Outlet Diameter	16	IN.
Q	Depth-Smoke Box	19	IN.
R	Height-Smoke hood Top	76.875	IN.
S	Height-Smoke hood Bottom	54.75	IN.
T	Tube Pull	10-0	FT-IN.
U	Saddle Width	8	IN.
V	Saddle Length	54	IN.
W	Position-Front Saddle	8	IN.
X	Position-Rear Saddle	21	IN.
Y	Centerline of Access Door	27.75	IN.
Z	Manhole	12 x 16	IN.
	Handhole	3 x 4	IN.