



Rockmills Steel Products ©

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Over 50 years of excellence
(718) 366-8300

Specifications



Series MP
Horse Power:
Efficiency

MP-80
80 H.P.
Up to 85%

Gross Output

Steam	11160.0	SQ.FT
Steam	2678	MBH
Steam (per hr from & at 212 Deg F)	2760	LBS

Net Rating

SQ.Ft of Steam	8928.0	SQ.FT
MBH of Steam	2142.4	MBH

Firing Rate

Light Oil (140000 BTU/Gal)	23.3	GPH
Heavy Oil (150000 BTU GAL)	21.8	GPH
GAS	3265.9	MBH

General Information

Heating Surface	400	SQ.FT
Furnace Volume	46.88	CU. FT
Safety Valve Relieving Capacity - Required Steam (Min)	3200	LB/HR
Steam Outlet Pipe Size	6	IN
Dry Boiler Weight (Approximate)	9,660	LB
Operating Weight (Approximate)	15,283	LB

Dimensions

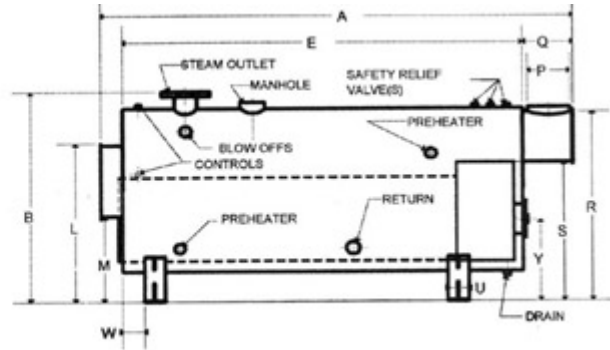
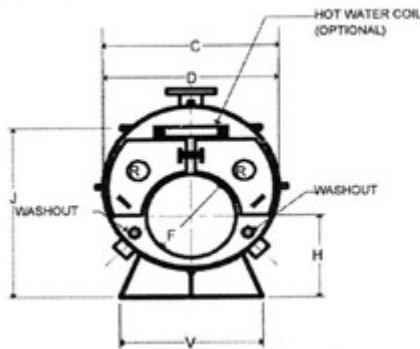


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** As per ASME code all boilers with a diameter greater than 60" will be equipped with 12"x16" manhole

Dimensions

A	Overall Length	12-11	FT-IN.
B	Overall Height (To Steam Outlet)	73.5	IN.
C	Shell Diameter (Over jacket 2" thick)	58	IN.
D	Shell Diameter	54	IN.
E	Shell Length	10-9	FT-IN.
F	Furnace Diameter	27	IN.
G	Furnace Length	104	IN.
H	Height-Centerline of Furnace	30.25	IN.
J	Normal Water Line	57.5	IN.
K	Depth-Front Reversing Chamber	8	IN.
L	Height-Front Rev. Chamber Top	55.25	IN.
M	Height-Front Rev. Chamber Bottom	32.75	IN.
N	Depth-Rear Combustion Chamber	18	IN.
P	Vent Outlet Diameter	14	IN.
Q	Depth-Smoke Box	17	IN.
R	Height-Smoke hood Top	63.5	IN.
S	Height-Smoke hood Bottom	45.5	IN.
T	Tube Pull	10-9	FT-IN.
U	Saddle Width	8	IN.
V	Saddle Length	42	IN.
W	Position-Front Saddle	8	IN.
X	Position-Rear Saddle	21	IN.
Y	Centerline of Access Door	28.5	IN.
Z	Manhole	-	IN.
	Handhole	-	IN.