



Rockmills Steel Products [©]

Over 50 years of excellence

(516) 829-8555

Info@rockmillsboilers.com

(718) 366-8300

Specifications



Series MP
Horse Power:
Efficiency

MP-450
450 H.P.
Up to 85%

Gross Output

Steam	62775.0	SQ.FT
Steam	15063.8	MBH
Steam (per hr from & at 212 Deg F)	15525	LBS

Net Rating

SQ.Ft of Steam	50220.0	SQ.FT
MBH of Steam	12051	MBH

Firing Rate

Light Oil (140000 BTU/Gal)	131.2	GPH
Heavy Oil (150000 BTU GAL)	122.5	GPH
GAS	18370.4	MBH

General Information

Heating Surface	2250	SQ.FT
Furnace Volume	241.37	CU. FT
Safety Valve Relieving Capacity - Required Steam (Min)	18000	LB/HR
Steam Outlet Pipe Size	10	IN
Dry Boiler Weight (Approximate)	40,100	LB
Operating Weight (Approximate)	60,853	LB



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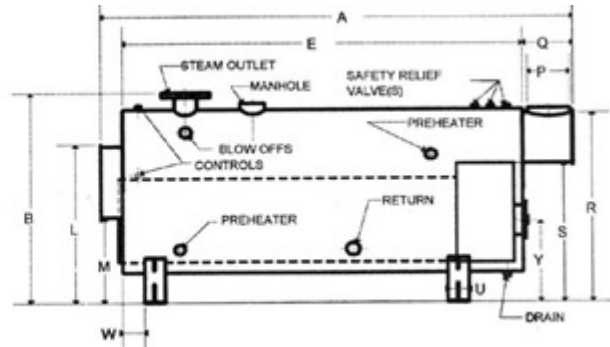
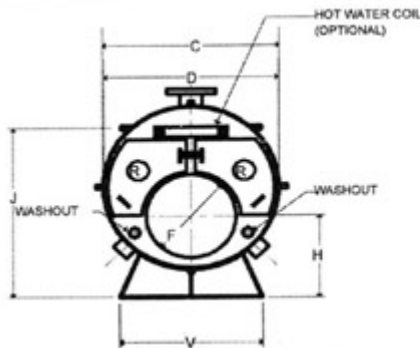
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Dimensions



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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	18-0	FT-IN.
B	Overall Height (To Steam Outlet)	122	IN.
C	Shell Diameter (Over jacket 2" thick)	106.875	IN.
D	Shell Diameter	102.875	IN.
E	Shell Length	13-9	FT-IN.
F	Furnace Diameter	50	IN.
G	Furnace Length	135	IN.
H	Height-Centerline of Furnace	46	IN.
J	Normal Water Line	96.75	IN.
K	Depth-Front Reversing Chamber	12	IN.
L	Height-Front Rev. Chamber Top	94.375	IN.
M	Height-Front Rev. Chamber Bottom	45	IN.
N	Depth-Rear Combustion Chamber	24	IN.
P	Vent Outlet Diameter	33	IN.
Q	Depth-Smoke Box	36	IN.
R	Height-Smoke hood Top	113.75	IN.
S	Height-Smoke hood Bottom	79.125	IN.
T	Tube Pull	13-9	FT-IN.
U	Saddle Width	12	IN.
V	Saddle Length	90	IN.
W	Position-Front Saddle	12	IN.
X	Position-Rear Saddle	24	IN.
Y	Centerline of Access Door	36	IN.
Z	Manhole	12 x 16	IN.
	Handhole	3 x 4	IN.