



Rockmills Steel Products [©]

Excellence Since 1954

(516) 829-8555

Info@rockmillsboilers.com

(718) 366-8300

Specifications



Series MP4

Horse Power:
Efficiency

MP-4-283

283 H.P.
Up to 85%

Gross Output

Steam	39472.6	SQ.FT
Steam	9473.4	MBH
Steam (per hr from & at 212 Deg F)	9763.5	LBS

Net Rating

SQ.Ft of Steam	30532	SQ.FT
MBH of Steam	7327.7	MBH

Firing Rate

Light Oil (140000 BTU/Gal)	83.9	GPH
Heavy Oil (150000 BTU GAL)	78.3	GPH
GAS	11841.7	MBH

General Information

Heating Surface	1250	SQ.FT
Furnace Volume	146.91	CU. FT
Safety Valve Relieving Capacity - Required Steam (Min)	10000	LB/HR
Steam Outlet Pipe Size	8	IN
Dry Boiler Weight (Approximate)	22,450	LB
Operating Weight (Approximate)	36,095	LB



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Dimensions

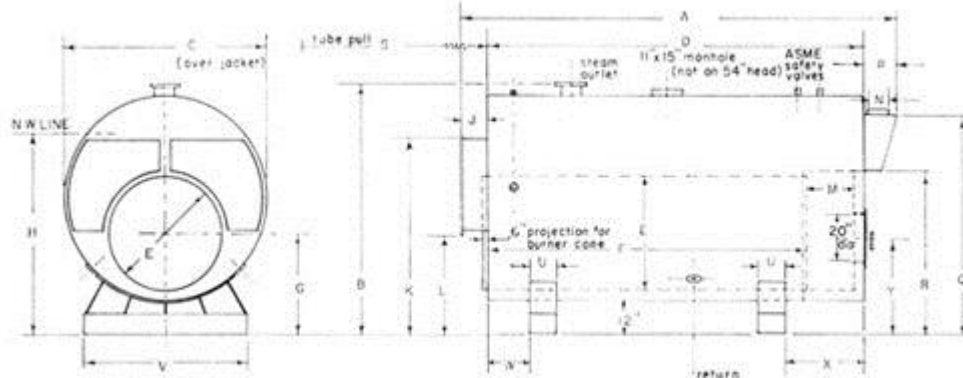


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** As per ASME code all boilers with a diameter greater than 60" will be equipped with 12"x16" manhole

Dimensions

		17-2	FT-IN.
A	Overall Length		
B	Overall Height	97.5	IN.
C	Shell Diameter (Over jacket 2" thick)	82.25	IN.
D	Shell Length	14-1	FT-IN.
E	Furnace Diameter	40	IN.
F	Furnace Length	132	IN.
G	Height-Centerline of Furnace	37	IN.
H	Normal Water Line	78.375	IN.
J	Depth-Front Reversing Chamber	10	IN.
K	Height-Front Rev. Chamber Top	7.5	IN.
L	Height-Front Rev. Chamber Bottom	34.5	IN.
M	Depth-Rear Combustion Chamber		IN.
N	Vent Outlet Diameter	24	IN.
P	Depth-Smoke Box	27	IN.
Q	Height-Smoke hood Top	88	IN.
R	Height-Smoke hood Bottom	64	IN.
S	Tube Pull	14-1	FT-IN.
U	Saddle Width	8	IN.
V	Saddle Length	66	IN.
W	Position-Front Saddle	14	IN.
X	Position-Rear Saddle		IN.
Y	Centerline of Access Door	29.5	IN.
Z	Manhole	12 x 16	IN.
	Handhole	3 x 4	IN.