



Specifications

Series MP4
Horse Power:
Efficiency

MP-4-133
133 H.P.
Up to 85%

Gross Output

Steam	18550.7	SQ.FT
Steam	4452.2	MBH
Steam (per hr from & at 212 Deg F)	4588.5	LBS

Net Rating

SQ.Ft of Steam	14349	SQ.FT
MBH of Steam	3443.8	MBH

Firing Rate

Light Oil (140000 BTU/Gal)	39.8	GPH
Heavy Oil (150000 BTU GAL)	37.1	GPH
GAS	5565.2	MBH

General Information

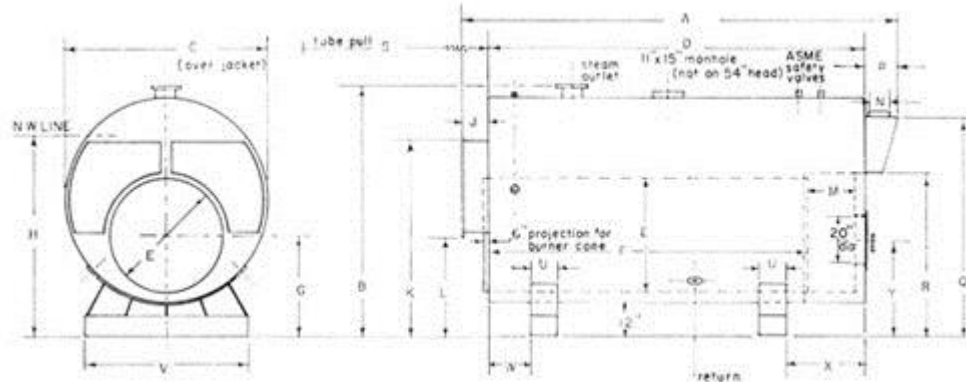
Heating Surface	500	SQ.FT
Furnace Volume	69.8	CU. FT
Safety Valve Relieving Capacity - Required Steam (Min)	4452	LB/HR
Steam Outlet Pipe Size	8	IN
Dry Boiler Weight (Approximate)	10,600	LB
Operating Weight (Approximate)	17,814	LB



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

		12-3	FT-IN.
A	Overall Length		
B	Overall Height	86	IN.
C	Shell Diameter (Over jacket 2" thick)	70.75	IN.
D	Shell Length	10-0	FT-IN.
E	Furnace Diameter	34	IN.
F	Furnace Length	94	IN.
G	Height-Centerline of Furnace	34.5	IN.
H	Normal Water Line	66	IN.
J	Depth-Front Reversing Chamber	8	IN.
K	Height-Front Rev. Chamber Top	64.25	IN.
L	Height-Front Rev. Chamber Bottom	33.5	IN.
M	Depth-Rear Combustion Chamber	18	IN.
N	Vent Outlet Diameter	16	IN.
P	Depth-Smoke Box	19	IN.
Q	Height-Smoke hood Top	76.375	IN.
R	Height-Smoke hood Bottom	54.75	IN.
S	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	28.75	IN.
Z	Manhole	12 x 16	IN.
	Handhole	3 x 4	IN.