



Rockmills Steel Products ©

Excellence Since 1954

(516) 829-8555

Info@rockmillsboilers.com

(718) 366-8300

Specifications



Series MP4

Horse Power:
Efficiency

MP-4-122

122 H.P.
Up to 85%

Gross Output

| | | |
|--|---------|--------------|
| Steam | 17016.4 | SQ.FT |
| Steam | 4084 | MBH |
| Steam (per hr from & at 212 Deg F) | 4209 | LBS |

Net Rating

| | | |
|-----------------------|---------|--------------|
| SQ.Ft of Steam | 13162.2 | SQ.FT |
| MBH of Steam | 3158.9 | MBH |

Firing Rate

| | | |
|--------------------------------------|------|------------|
| Light Oil (140000 BTU/Gal) | 36.8 | GPH |
| Heavy Oil (150000 BTU GAL) | 34.3 | GPH |
| GAS | 5105 | MBH |

General Information

| | | |
|--|--------|---------------|
| Heating Surface | 450 | SQ.FT |
| Furnace Volume | 64.55 | CU. FT |
| Safety Valve Relieving Capacity - Required Steam (Min) | 4084 | LB/HR |
| Steam Outlet Pipe Size | 8 | IN |
| Dry Boiler Weight (Approximate) | 10,150 | LB |
| Operating Weight (Approximate) | 16,739 | LB |



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Dimensions

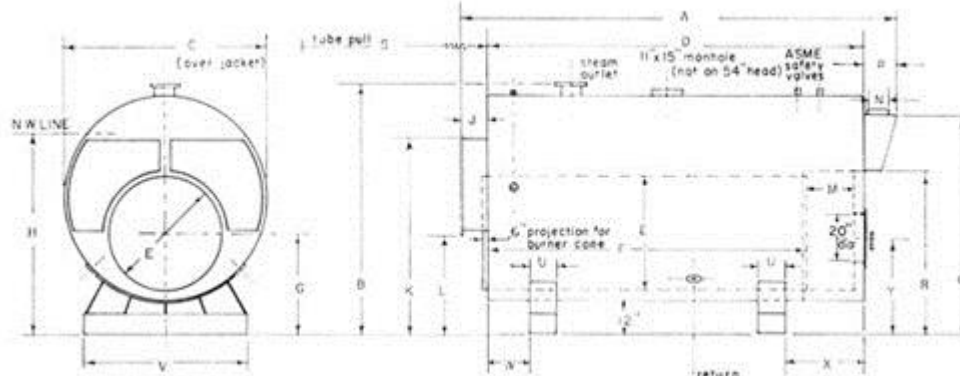


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** As per ASME code all boilers with a diameter greater than 60" will be equipped with 12"x16" manhole

Dimensions

| | | 11-5 | FT-IN. |
|----------|---------------------------------------|---------|--------|
| A | Overall Length | | |
| B | Overall Height | 86 | IN. |
| C | Shell Diameter (Over jacket 2" thick) | 70.75 | IN. |
| D | Shell Length | 9-1 | FT-IN. |
| E | Furnace Diameter | 34 | IN. |
| F | Furnace Length | 84 | 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 | 9-1 | 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. |