



Rockmills Steel Products [©]

Excellence Since 1954

(516) 829-8555

Info@rockmillsboilers.com

(718) 366-8300

Specifications



Series
Horse Power:
Efficiency

MP-175SS
175 H.P.
Up to 85%

Gross Output

| | | |
|--|---------|--------------|
| Steam | 24412.5 | SQ.FT |
| Steam | 5858.1 | MBH |
| Steam (per hr from & at 212 Deg F) | 6037.5 | LBS |

Net Rating

| | | |
|-----------------------|---------|--------------|
| SQ.Ft of Steam | 19530.0 | SQ.FT |
| MBH of Steam | 4686.5 | MBH |

Firing Rate

| | | |
|--------------------------------------|--------|------------|
| Light Oil (140000 BTU/Gal) | 51.0 | GPH |
| Heavy Oil (150000 BTU GAL) | 47.6 | GPH |
| GAS | 7144.1 | MBH |

General Information

| | | |
|--|---------|---------------|
| Heating Surface | 875 | SQ.FT |
| Furnace Volume | 116.033 | CU. FT |
| Safety Valve Relieving Capacity - Required Steam (Min) | 7000 | LB/HR |
| Steam Outlet Pipe Size | 8 | IN |
| Dry Boiler Weight (Approximate) | 17,269 | LB |
| Operating Weight (Approximate) | 27,765 | LB |



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Dimensions

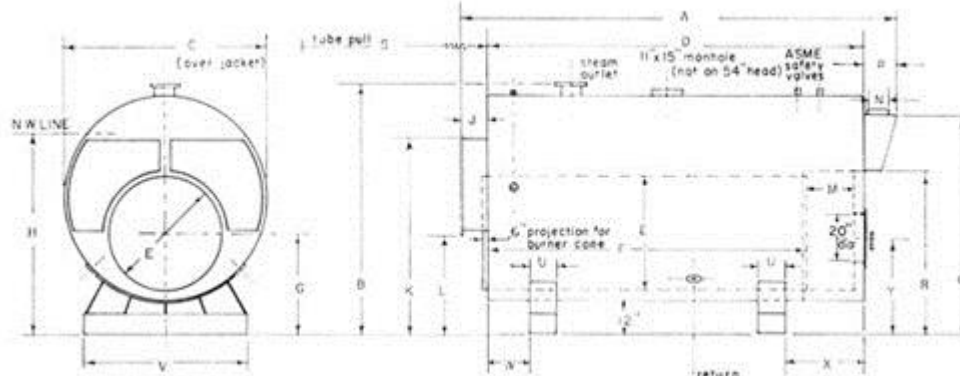


Series MP-4

Horse Power:
Efficiency

MP-175SS

175 H.P.
Up to 85%



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

Dimensions

| | | | |
|----------|---------------------------------------|----------|--------|
| A | Overall Length | 14-1 3/8 | FT-IN. |
| B | Overall Height | 97.5 | IN. |
| C | Shell Diameter (Over jacket 2" thick) | 82.25 | IN. |
| D | Shell Length | 10-10 | FT-IN. |
| E | Furnace Diameter | 40 | IN. |
| F | Furnace Length | 93 | IN. |
| G | Height-Centerline of Furnace | 36.125 | IN. |
| H | Normal Water Line | 79.75 | IN. |
| J | Depth-Front Reversing Chamber | 10.75 | IN. |
| K | Height-Front Rev. Chamber Top | 75.875 | IN. |
| L | Height-Front Rev. Chamber Bottom | 35.125 | IN. |
| M | Depth-Rear Combustion Chamber | 30 | IN. |
| N | Vent Outlet Diameter | 20 | IN. |
| P | Depth-Smoke Box | 27.75 | IN. |
| Q | Height-Smoke hood Top | 89 | IN. |
| R | Height-Smoke hood Bottom | 64.125 | IN. |
| S | Tube Pull | 10-10 | FT-IN. |
| U | Saddle Width | 8 | IN. |
| V | Saddle Length | 66 | IN. |
| W | Position-Front Saddle | 14 | IN. |
| X | Position-Rear Saddle | 32 | IN. |
| Y | Centerline of Access Door | 29.75 | IN. |
| Z | Manhole | 12 x 16 | IN. |
| | Handhole | 3 x 4 | IN. |