



# Rockmills Steel Products <sup>©</sup>

(516) 829-8555

Info@rockmillsboilers.com

Over 50 years of excellence  
(718) 366-8300

## Specifications



**Series MP**  
**Horse Power:**  
**Efficiency**

**MP-600**  
**600 H.P.**  
**Up to 85%**

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### Gross Output

<b>Steam</b>	83700.0	<b>SQ.FT</b>
<b>Steam</b>	20085	<b>MBH</b>
<b>Steam</b> (per hr from & at 212 Deg F)	20700	<b>LBS</b>

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### Net Rating

<b>SQ.Ft of Steam</b>	66960.0	<b>SQ.FT</b>
<b>MBH of Steam</b>	16068	<b>MBH</b>

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### Firing Rate

<b>Light Oil</b> (140000 BTU/Gal)	175.0	<b>GPH</b>
<b>Heavy Oil</b> (150000 BTU GAL)	163.3	<b>GPH</b>
<b>GAS</b>	24493.9	<b>MBH</b>

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### General Information

<b>Heating Surface</b>	3000	<b>SQ.FT</b>
<b>Furnace Volume</b>	315	<b>CU. FT</b>
<b>Safety Valve Relieving Capacity -</b> Required Steam (Min)	24000	<b>LB/HR</b>
<b>Steam Outlet Pipe Size</b>	10	<b>IN</b>
<b>Dry Boiler Weight (Approximate)</b>	49,250	<b>LB</b>
<b>Operating Weight (Approximate)</b>	76,988	<b>LB</b>



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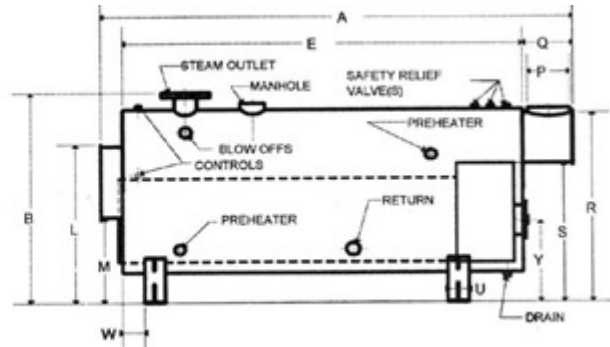
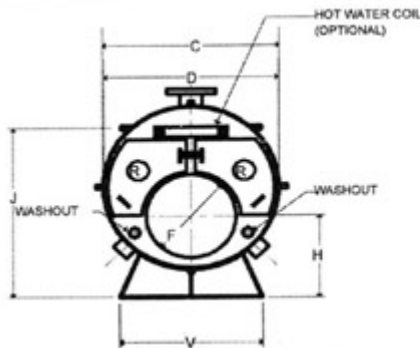
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## Dimensions



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

## Dimensions

<b>A</b>	Overall Length	22-3	FT-IN.
<b>B</b>	Overall Height (To Steam Outlet)	122	IN.
<b>C</b>	Shell Diameter (Over jacket 2" thick)	106.875	IN.
<b>D</b>	Shell Diameter	102.875	IN.
<b>E</b>	Shell Length	19-2	FT-IN.
<b>F</b>	Furnace Diameter	50	IN.
<b>G</b>	Furnace Length	200	IN.
<b>H</b>	Height-Centerline of Furnace	46	IN.
<b>J</b>	Normal Water Line	96.75	IN.
<b>K</b>	Depth-Front Reversing Chamber	12	IN.
<b>L</b>	Height-Front Rev. Chamber Top	94.375	IN.
<b>M</b>	Height-Front Rev. Chamber Bottom	45	IN.
<b>N</b>	Depth-Rear Combustion Chamber	24	IN.
<b>P</b>	Vent Outlet Diameter	33	IN.
<b>Q</b>	Depth-Smoke Box	36	IN.
<b>R</b>	Height-Smoke hood Top	113.75	IN.
<b>S</b>	Height-Smoke hood Bottom	79.125	IN.
<b>T</b>	Tube Pull	19-2	FT-IN.
<b>U</b>	Saddle Width	12	IN.
<b>V</b>	Saddle Length	90	IN.
<b>W</b>	Position-Front Saddle	12	IN.
<b>X</b>	Position-Rear Saddle	24	IN.
<b>Y</b>	Centerline of Access Door	36	IN.
<b>Z</b>	Manhole	12 x 16	IN.
	Handhole	3 x 4	IN.