

Since 1936

COLUMBIA

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COLUMBIA

Boiler Company

MPHX SERIES **Tankless Water Heater**

- **Continuous 240-2460 gal/hr @ 100°F Rise**
- **Low/High/Low Standard Burner Operation**
- **Max 32-1/2" width (fits through standard door)**
- **High Efficiency Package Available**
- **Gas, Oil or Dual Fuel Burner**
- **Low Emission Burners Available**



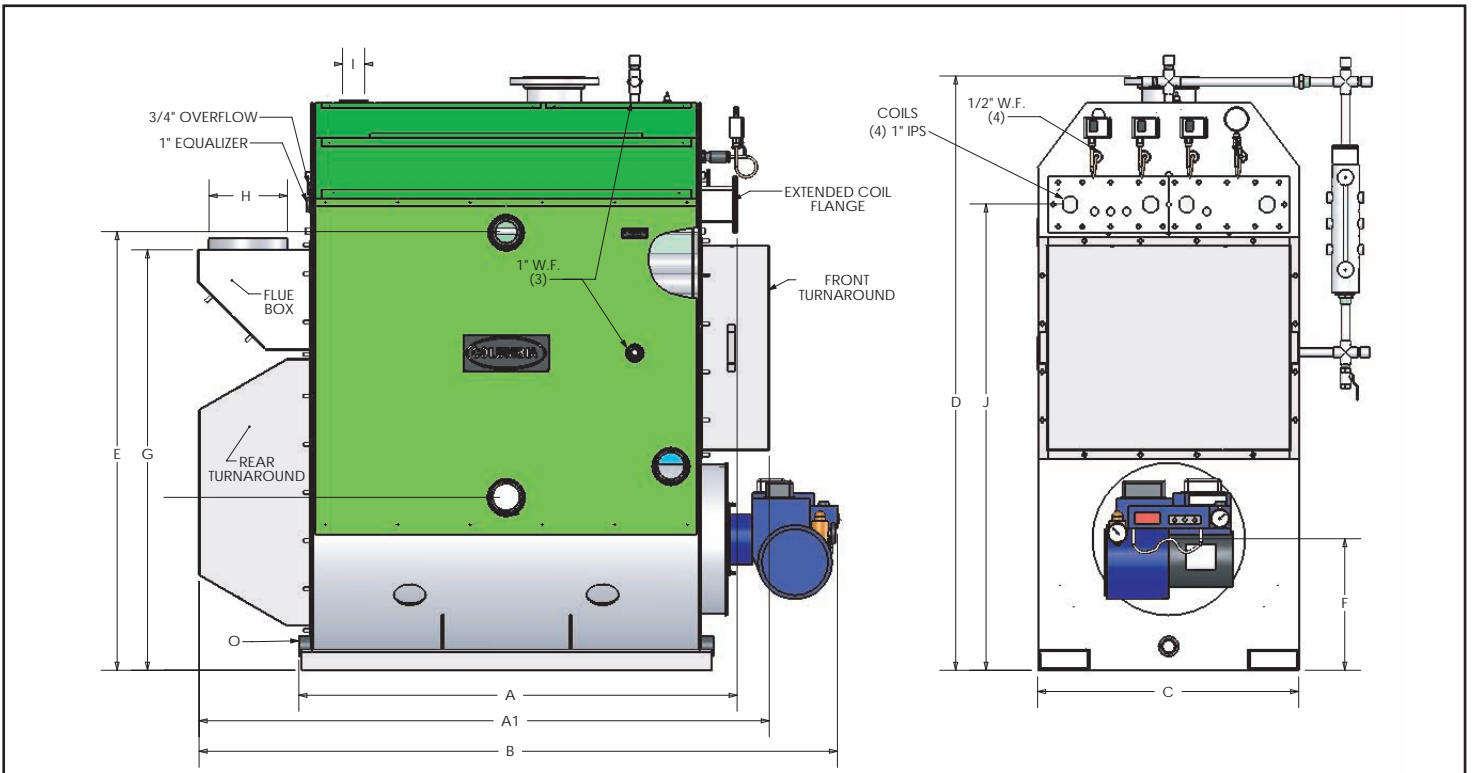
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Constructed and hydrostatically tested in accordance with ASME Boiler Code, Section IV.

You can do BETTER with Columbia

GOOD people. BETTER Boilers. BEST value.



MPHX SPECIFICATIONS AND DATA

MODEL NO.	MPHX-780	MPHX-1200	MPHX-1510	MPHX-1810	MPHX-2460	MPHX-3400	MPHX-3700
Horsepower	20	30	40	50	60	70	80
Gas Input (BTU per hour)	840,000	1,260,000	1,680,000	2,100,000	2,520,000	2,940,000	3,360,000
Oil Input (Gallons per hour)	6	9	12	15	18	21	24
Gross Output (BTU per hour)	688,800	1,033,200	1,377,600	1,722,000	2,066,400	2,410,800	2,755,200
Heating Surface - Sq. Ft. - Pipe	88.5	120.6	159.0	205.4	255.0	299.9	341.7
Furnace Volume - Cu. Ft.	4.1	5.6	7.5	7.5	9.3	13.4	15.3
Water Capacity - Gallons	126	121	161	190	238	291	333
Number & Length 2" Sch. 40 Pipe	(42) 33"	(54) 37"	(54) 49"	(72) 49"	(72) 61"	(72) 71"	(72) 81"
Hand Hole # & Size	(3) 3x3.75	(5) 3x3.75	(5) 3x3.75	(5) 3x3.75	(5) 3x3.75	(5) 3x3.75	(5) 3x3.75

CONTINUOUS HOT WATER PRODUCTION

Gallons/Hour @ 80°F Rise	975	1500	1890	2280	3060	3400*	3700*
Gallons/Hour @ 100°F Rise	780	1200	1510	1810	2460	2700*	3020*

WATER HEATER DIMENSIONS

A Bare Boiler (coil plate to drain outlet)	39.3	42.6	54.6	54.6	66.6	76.6	86.6
A1 (Turnaround to Turnaround)	56.0	59.0	71.0	71.0	83.0	94.0	104.0
B Length (Turnaround to Gas Burner)	69.0	80.0	92.0	99.9	111.9	128.5	136.8
C Boiler Width	32.5	32.5	32.5	32.5	32.5	32.5	32.5
D Height Supply Outlet	63.3	64.0	64.0	73.9	73.9	77.9	77.9
E Minimum Safe Water Level	47.1	47.1	47.1	54.6	54.6	58.1	58.1
F Burner Opening to Floor	15.4	16.4	16.4	16.4	16.4	17.4	17.4
G Flue Box Height	45.6	46.0	46.0	52.5	52.5	56.1	56.1
H Flue Outlet Diameter	10.0	10.0	10.0	10.0	10.0	12.0	12.0
I Safety Valve Opening	1.5 NPT	1.5 NPT	1.5 NT	2.5 NPT	2.5 NPT	2.5 NPT	2.5 NPT
J Coil Connections to Floor	50.6	50.6	50.6	58.1	58.1	61.6	61.6
O Drain Size	1.5 NPT	1.5 NPT	1.5 NPT	1.5 NPT	1.5 NPT	1.5 NPT	1.5 NPT
Boiler Dry Weight	2000	2300	2750	3250	3900	4450	4950

*Projections based on theoretical data



Manufactured in the USA by
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