

# GASMASTER



## GMI SERIES

200,000 BTU/HR - 12,000,000 BTU/HR

**CONDENSING BOILERS AND WATER HEATERS**

HIGH-EFFICIENCY RADIAL PULSE TECHNOLOGY

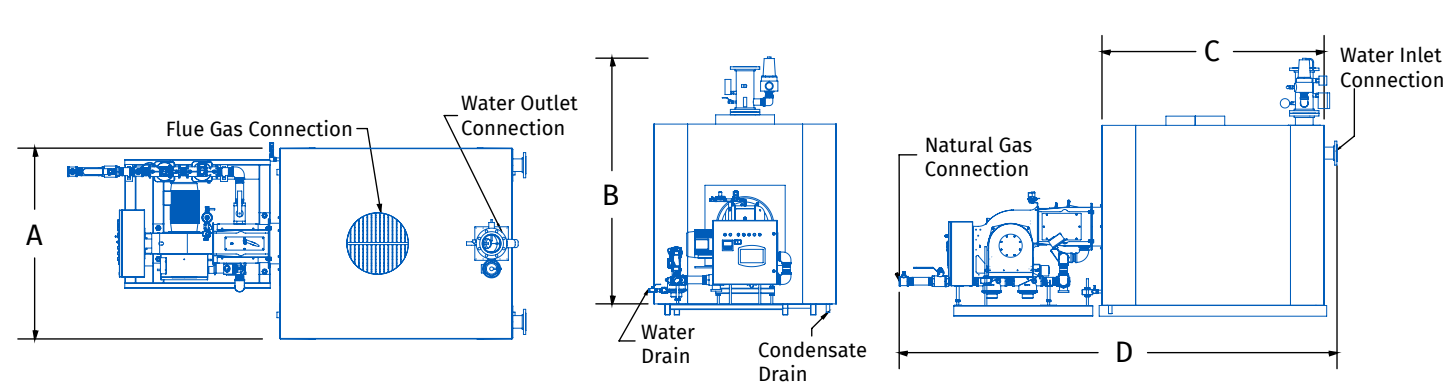


 (604) 523 0600 |  (604) 525 0570 |  [info@gasmaster.ca](mailto:info@gasmaster.ca)

 1480 Cliveden Avenue, Delta, BC, V3M 6K2 |  [gasmaster.ca](http://gasmaster.ca)

 [Gasmaster-Industries](https://www.linkedin.com/company/gasmaster-industries)

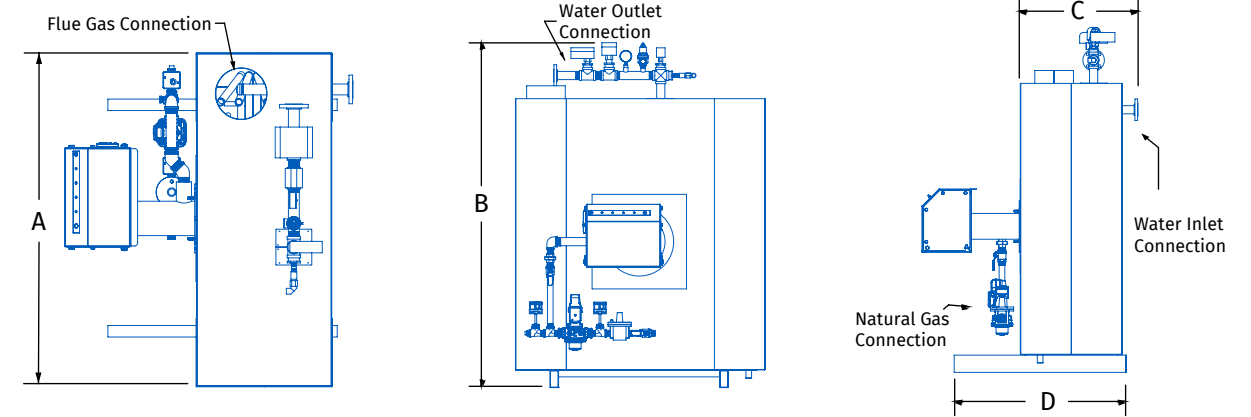
# GMI SERIES SPECIFICATIONS



		<b>GMI 12M</b>	<b>GMI 8M</b>	<b>GMI 6M</b>	<b>GMI 4M</b>
<b>Input</b>	<i>BTU/hr</i>	12,000,000	8,500,000	6,000,000	4,500,000
	<i>Kw</i>	3,517	2,344	1,758	1,172
<b>Output</b>	<i>BTU/hr</i>	11,400,000	7,600,000	5,700,000	3,800,000
	<i>Kw</i>	3,341	2,227	1,670	1,114
<b>Turndown Ratio</b> <sup>1</sup>	<i>X:1</i>	5:1	5:1	5:1	5:1
<b>Boiler Eff. at Full Load</b> <sup>2</sup>	<i>%</i>	95	95	95	95
<b>Electrical Rating</b> <sup>3</sup>	<i>V/Ph/Hz</i>	230-460,3,60	230-460,3,60	230-460,3,60	230-460,3,60
<b>Heating Surface</b>	<i>Ft<sup>2</sup></i>	1536	911	680	444
<b>Side A</b>	<i>in/mm</i>	68/1,727	68/1,727	68/1,727	68/1,727
<b>Side B</b>	<i>in/mm</i>	89.5/2,273	89.5/2,273	89.5/2,273	89.5/2,273
<b>Side C</b>	<i>in/mm</i>	84/2,134	56/1,422	47/1,194	40/1,016
<b>Side D</b> <sup>4</sup>	<i>in/mm</i>	165/4,191	120/3,048	110/2,794	77.4/1,966
<b>Shipping Weight</b> <sup>5</sup>	<i>Lbs.</i>	11,000	5,200	4,100	3,500
<b>Supply Connections</b>	<i>Inches</i>	6	4	4	4
<b>Return Connections</b>	<i>Inches</i>	2x4	2x4	4	4
<b>Water Content</b>	<i>USG</i>	320	170	126	92
<b>Gas Connection</b>	<i>Inches</i>	3	2.5	2.5	2
<b>Gas Inlet Pressure</b>	<i>Inches WC</i>	55-138	55-138	55-138	7-14
<b>Flue Connection</b>	<i>Inches</i>	22	19	18	14
<b>Flue Duct</b>	<i>Material</i>	All units use air-tight, corrosion-resistant stainless steel			
<b>Max Working Pressure</b>	<i>PSIG</i>	160	160	160	160
<b>Max Working Temp.</b>	<i>°F</i>	210	210	210	210
<b>Min Inlet Water Temp.</b>	<i>°F</i>	All units require any temperature above freezing point			

<sup>1</sup> Higher turndown ratios available  
<sup>2</sup> Values can be higher depending on water inlet temperature  
<sup>3</sup> Different voltages available upon request  
<sup>4</sup> Size can significantly vary depending on preferred burner  
<sup>5</sup> Approximate dry weight of unit

# GMI SERIES SPECIFICATIONS

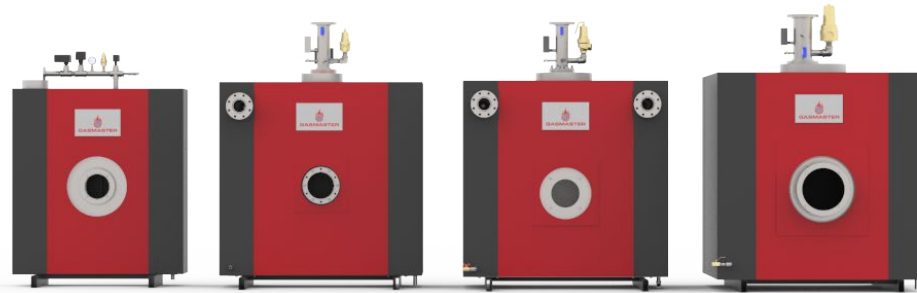


		<b>GMI 3M</b>	<b>GMI 2M</b>	<b>GMI 1.5M</b>	<b>GMI 1M</b>	<b>GMI 800</b>
<b>Input</b>	<i>BTU/hr</i>	2,000,000	2,000,000	1,500,000	1,000,000	800,000
	<i>Kw</i>	586	586	440	293	234.4
<b>Output</b>	<i>BTU/hr</i>	2,850,000	2,850,000	2,375,000	1,900,000	1,425,000
	<i>Kw</i>	835	835	696	557	418
<b>Turndown Ratio</b> <sup>1</sup>	<i>X:1</i>	5:1	5:1	5:1	5:1	5:1
<b>Boiler Eff. at Full Load</b> <sup>2</sup>	<i>%</i>	95	95	95	95	95
<b>Electrical Rating</b> <sup>3</sup>	<i>V/Ph/Hz</i>	230-460,3,60	115,1,60	115,1,60	115,1,60	115,1,60
<b>Heating Surface</b>	<i>Ft<sup>2</sup></i>	444	220	165	110	110
<b>Side A</b>	<i>in/mm</i>	68/1,727	68/1,727	68/1,727	58/1,473	58/1,473
<b>Side B</b>	<i>in/mm</i>	89.5/2,273	89.5/2,273	84/2,134	80/2,032	80/2,032
<b>Side C</b>	<i>in/mm</i>	40/1,016	32/813	28/711	24/610	23.5/597
<b>Side D</b> <sup>4</sup>	<i>in/mm</i>	118/2,997	63/1,600	57/1,448	50/1,270	50/1,270
<b>Shipping Weight</b> <sup>5</sup>	<i>Lbs.</i>	3,500	2,500	2,000	1,400	1,400
<b>Supply Connections</b>	<i>Inches</i>	7	3	3	2	2
<b>Return Connections</b>	<i>Inches</i>	4	3	3	2	2
<b>Water Content</b>	<i>USG</i>	92	42	30	21	21
<b>Gas Connection</b>	<i>Inches</i>	2	2	1.5	1	1
<b>Gas Inlet Pressure</b>	<i>Inches WC</i>	7-14	7-14	7-14	7-14	7-14
<b>Flue Connection</b>	<i>Inches</i>	13	10	10	9	9
<b>Flue Duct</b>	<i>Material</i>	All units use air-tight, corrosion-resistant stainless steel				
<b>Max Working Pressure</b>	<i>PSIG</i>	160	160	160	160	160
<b>Max Working Temp.</b>	<i>°F</i>	210	210	210	210	210
<b>Min Inlet Water Temp.</b>	<i>°F</i>	All units require any temperature above freezing point				

<sup>1</sup> Higher turndown ratios available  
<sup>2</sup> Values can be higher depending on water inlet temperature  
<sup>3</sup> Different voltages available upon request  
<sup>4</sup> Size can significantly vary depending on preferred burner  
<sup>5</sup> Approximate dry weight of unit

**GASMASTER**

# GMI SERIES FEATURES



GMI 1M

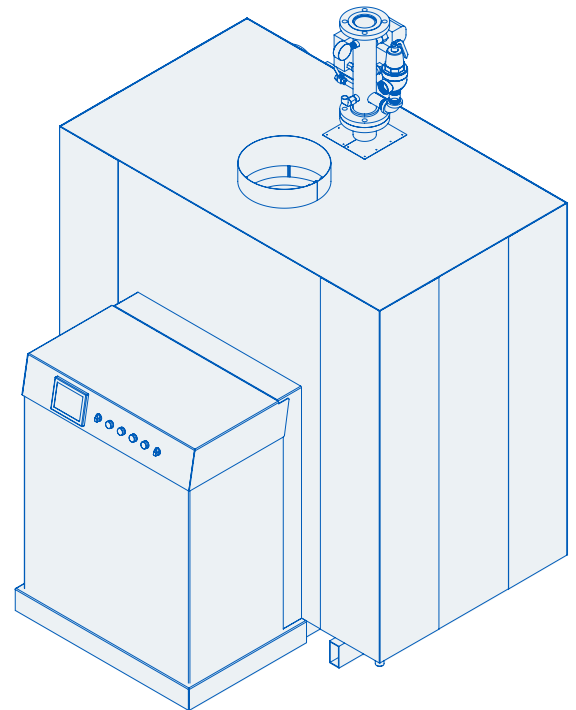
GMI 4M

GMI 8M

GMI 12M

## STANDARD

- 🔥 ASME-approved SA 249 316L stainless steel heat exchanger
- 🔥 Natural gas, propane, biogas, No. 2 Oil
- 🔥 Siemens LMV37 Combustion Control
- 🔥 UV flame detection
- 🔥 Sealed combustion chamber
- 🔥 NEMA-1 rated gas train
- 🔥 High temperature limit with manual reset
- 🔥 Water flow switch with low water cut-off
- 🔥 150 PSIG ASME-rated pressure relief valve
- 🔥 Pressure gauge



## PREMIUM OPTIONS

- 🔥 20:1 turndown ratio
- 🔥 Dual fuel or gas
- 🔥 Ultra-low NOx: less than 9 ppm
- 🔥 Modbus or BACnet interface
- 🔥 Lead-Lag / Cascade (up to 8 units)
- 🔥 Honeywell Sola or Autoflame Mini MK8
- 🔥 Combustion air intake adapter
- 🔥 Secondary low water cut-off
- 🔥 CSD-1 gas train
- 🔥 Auxiliary pump relay
- 🔥 Alarm bell on lock-out
- 🔥 Condensate neutralizer kit
- 🔥 Circulating pump
- 🔥 Air filter
- 🔥 Automatic safety shut-off valve with proof of closure
- 🔥 Custom skid designs