



# GMHB/GMCB

## Condensing Water Boiler

- Combi and Heating-Only Models Available
- Residential and Light Commercial Models
  - 95% AFUE - ENERGY STAR® (95% Thermal Efficiency GMHB380)
  - Up to 6.25:1 Turndown Ratio
  - Wall Mounted
  - NPT Connections
- Stainless Steel Primary Heat Exchanger
- Combi Models feature Stainless Steel DHW Heat Exchanger
  - Domestic Hot Water priority 3-way valve
  - DHW models are equipped with pre-heating function to speed up the delivery of hot water
- Advanced Electronics
  - Anti-Wind Function - control automatically adjusts the fan speed to prevent loss of flame and lockouts
  - Flame Stabilization - control allows the flame to stabilize before modulating, preventing flame drop outs and recycling
  - Frost and Pump Protection
- User display interface features digital temperature display with diagnostics & programmable settings
- Venting
  - Polypropylene Twin Pipe or Coaxial
- Warranty
  - Residential - 1 Yr. Parts/ 10 Yr. HX - non-prorated
  - Commercial - 1 Yr. Parts/ 5 Yr. HX - non-prorated

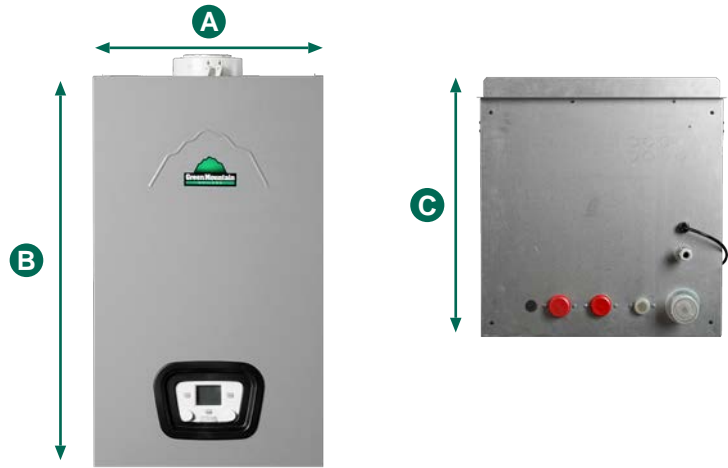


As rugged as the outdoors...  
for dependable comfort every day

# Green Mountain GMHB/GMCB Series Condensing Water Boiler

## Standard Equipment

- Wall Hung (GMHB 380 is floor standing only)
- Digital Temperature Display with diagnostics and programmable settings
- Electric Ignition Control with Direct Spark Ignitor
- Plug In Boiler Power Cord
- Flame Sensor
- Low Water Pressure Sensor
- High Limit
- Primary Heat Exchanger & Burner: Stainless Steel
- DHW Heat Exchanger: Stainless Steel (Combi Models only)
- 30 psi Relief Valve (50psi for GMHB380)
- Venting 2-Pipe Adapter Kit



## Optional Equipment

- Outdoor Temperature Sensor
- Indirect Tank Sensor
- CSD-1 Kits Available
- LP Conversion Kits

### Tapings

Model	Gas	Boiler S/R	DHW S/R	
125 150 160 200	3/4"	1"	3/4"	
227			1 1/4"	NA
380			1 1/2"	NA

	GMHB 125 GMCB 150	GMHB 160 GMCB 200	GMHB 227	GMHB 380
<b>Width (A)</b>	17-3/4" 450 mm	17-3/4" 450 mm	17-3/4" 450 mm	23-5/8" 600 mm
<b>Height (B)</b>	30" 763 mm	30" 763 mm	30" 763 mm	37-7/16" 951 mm
<b>Depth (C)</b>	14" 356 mm	23" 584 mm	22-5/8" 585 mm	25-3/8" 644 mm
<b>Twin Pipe Vent Size</b>	3" 80 mm	3" 80 mm	3" 80 mm	4" 110 mm
<b>Coaxial</b>	4" / 2" 100 mm / 50 mm	5" / 3" 125 mm / 80 mm	5" / 3" 125 mm / 80 mm	4" / 6" 110 mm / 160 mm

### Heat Only Models

Model	Input Capacity *MBH		Heating Capacity *MBH	Net AHRI Ratings (1)	Efficiency	Turndown Ratio
	Max	Min		Water *MBH		
GMHB125	122	24.5	112	97	95.0% AFUE	5:1
GMHB160	160	32	148	129	95.0% AFUE	5:1
GMHB227	227	45	210	183	95.0% AFUE	5:1
GMHB380	379	62	348	303	95.0% Thermal	5:1

### Combi Models

Model	Mode	Input Capacity	Heating Capacity	Net AHRI Ratings (1)	DHW Capacity @70 Rise	Efficiency	Turndown Ratio
		*MBH	*MBH	Water *MBH	GPM		
GMCB150	Space Heat	24.5-122	122	97	NA	95.0% AFUE	5:1
	DHW	24.5-147	NA	NA	3.4	NA	6:1
GMCB200	Space Heat	32-160	160	129	NA	95.0% AFUE	5:1
	DHW	32-200	NA	NA	4.9	NA	6.25:1

\*MBH = 1,000 Btu per hour [Btu = British Thermal Unit].

(1) Net Water Rating shown based on piping and pickup allowance of 1.15. Consult manufacturer before selecting boilers for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

All ratings and specifications subject to change  
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