



# GMPVB Series 3

## Gas Fired Water Boiler

- Available in 5 sizes from 42.5 to 187.5 MBH
- Dependable Cast Iron Heat Exchanger with cast iron push nipples. The sections and push nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal.
- Honeywell High Limit/Electronic Ignition Control:
  - Recessed under the boiler's protective jacket
  - Digital temperature display and diagnostics
  - Plug in connection for the inducer fan
  - Plug in connection for the system pump
  - Control monitors the water temperature and delays the burner from starting until residual heat has been transferred. This maximizes efficiency by turning on the burner only when needed.
- Up to 84.4% AFUE Efficiency
- Induced Draft Fan - allows flue gases to be pulled through the boiler and exhausted through a chimney or side-wall vent.
- Small compact design is ideal for low clearance installations.
- 20 year limited warranty



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

# Green Mountain GMPVB Series 3 Residential Gas Fired Water Boiler

## Specifications:

MODEL	Input MBH <sup>(1)</sup>	Heating Capacity MBH <sup>(1)(2)</sup>	Net Water MBH <sup>(1)(3)</sup>	Efficiency AFUE <sup>(2)</sup>	Vent Pipe Size <sup>(4)</sup>		Water Content Gallons	- A - Width	- B - Height	- C - Depth	Ship Weight
					Chimney	Sidewall					
GMPVB-42	42.5	36	31	84.4%	4"	3"	1.75	11"	29"	23-1/4"	225 lbs.
GMPVB-75	75.0	63	55	84.0%	4"	3"	3	14-1/4"	29"	23-1/4"	265 lbs.
GMPVB-112	112.5	95	82	84.0%	4"	3"	4.25	17-1/2"	29"	23-1/4"	322 lbs.
GMPVB-150	150.0	127	109	84.0%	4"	3"	5.5	20-3/4"	29"	23-1/4"	370 lbs.
GMPVB-188	187.5	158	135	84.0%	4"	4"	6.75	24"	29"	23-1/4"	431 lbs.

(1) MBH = 1000 Btu/hr (British Units Per Hour)

(2) Heating capacity and AFUE (Annual Fuel Utilization Efficiency) are based on DOE (Department of Energy) test procedures.

(3) 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.

(4) Refer to IOM and vent pipe manufacturer's instructions for equivalent lengths and approved venting materials.

### CONNECTIONS

Water Return/Supply: 1-1/4"

Gas Inlet: 1/2" NPT

### ELECTRICAL

120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)

### STANDARD EQUIPMENT

Boiler Control Module: Recessed Honeywell Control (High Limit/Electronic Ignition Control.)

User Display Interface: Digital Temperature Display.

Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples.

Combustion: Completely Installed and Wired Gas Control System with Titanium Composite Burners and Manifold Consisting of: Automatic Redundant Combination Gas Valve, 24 Volt Intermittent Pilot Control, Continuous Retry 100% Shut-Off, Combination Pilot Burner/Electrode/Flame Sensor.

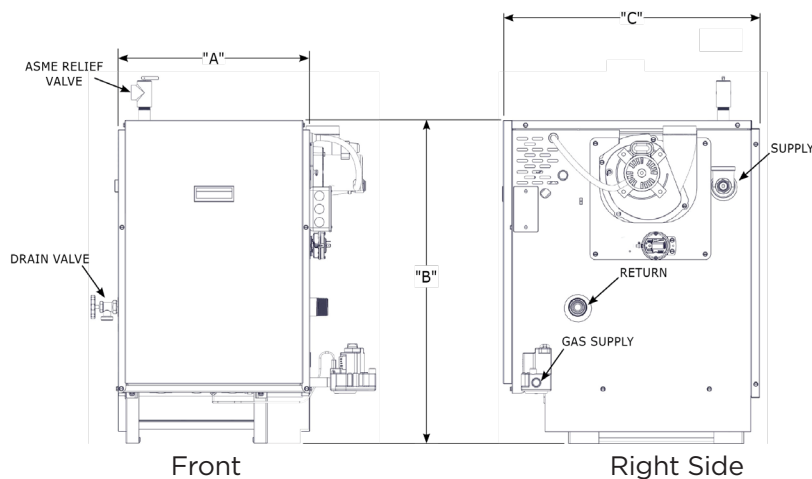
Electrical: 24 Volt Transformer, Service Switch.

Safety: Flame Roll-Out Safety Shut-Off (Fuse Link) and Pressure Switch (Vent Safety Shut-Off) with Spare Fuse Link Included.

Other: Assembled Boiler with Insulated Jacket, Induced Draft Fan, Combination Temperature/Pressure Gauge, Circulator Pump, 3/4" Drain Valve, 30 lbs. ASME Relief Valve.

### OPTIONS

Natural Gas or Propane, Fill-Trol, Sidewall Vent Hood



C.S.A. Certified  
For Natural Gas or Propane



Tested for 50 psi  
ASME Working Pressure



www.greenmountainboilers.com

All ratings and specifications subject to change without notice.

PN 240009821 Rev. 01/21/21



2201 Dwyer Ave., Utica, NY 13501 • Phone: 315-797-1310 • Fax: 866-432-7329