

GHE-HB Series



HIGH EFFICIENCY Gas-Fired, Condensing Boiler

- **95% AFUE**
- **80-180 MBH**
 - In 5 sizes
- **10:1 Turndown**
- **High efficiency, value priced!**
 - Full featured condensing boiler, traditional New Yorker value
- **Integrated boiler control**
 - Easy to operate
 - Touch screen display
 - Provides simple “out of the box” setup capability
- **Stainless steel heat exchanger**
 - Meets the ASME Boiler and Pressure Vessel Code
- **100% system-tested at factory**
- **Universal vent connection**
 - Provides easy vent connection for virtually any installation
- **Outdoor reset including outside sensor**
 - Provides additional energy savings
- **5-year parts warranty**



MADE IN

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Ratings & Specifications



Model	AFUE% 	Input (MBH) min-max	DOE Heating Capacity (MBH)	Net AHRI (MBH)	Vent Size (Inches)
GHE80HB	95.0	8-80	74	64	2 or 3
GHE100HB	95.0	10-100	94	82	2 or 3
GHE120HB	95.0	12-120	112	98	3
GHE150HB	95.0	15-150	142	123	3
GHE180HB	95.0	18-180	169	147	3

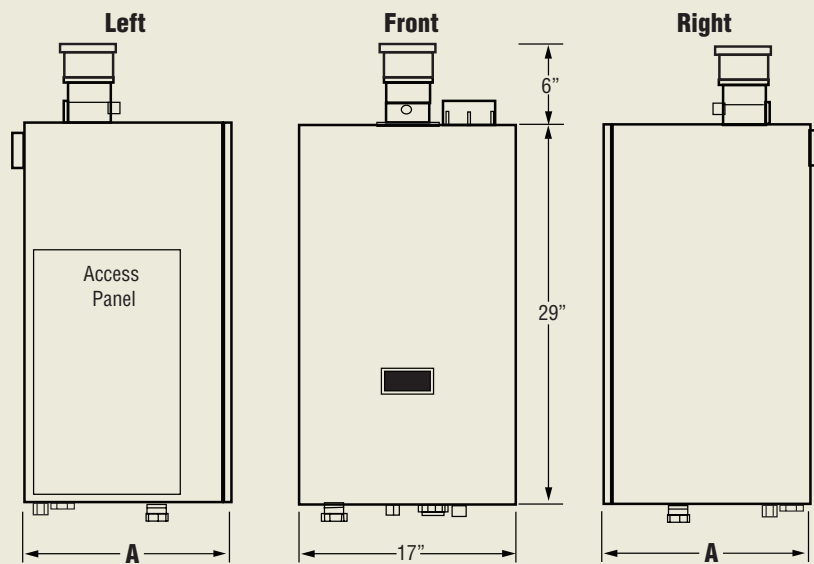
Safety Relief Valve Pressure, Water – 30 PSI std. ASME certified “H”. Maximum Allowable Working Pressure at 50 PSI, Max allowable temperature setting 210°F. Target setpoint is 180°F, manual reset high limit setpoint is 210°F. Above performance is for elevations to 2000'. Consult Installation, Operating, and Service Instructions for installations up to 10,100'.

Standard Equipment

- Direct vent, 10:1 turndown, sealed combustion appliance
- Natural or LP gas models (LP conversion kits available)
- Stainless steel heat exchanger
- Easy access control panel
- Integrated Boiler Control System
 - LCD touch screen display
 - (2) additional circulator outputs available
 - Outdoor reset including outside sensor
 - DHW priority
- Variable speed combustion blower
- Negative pressure gas valve
- Polypropylene condensate trap
- Flow switch, pre-installed
- Supply, return, and flue temperature sensors
- Universal exhaust vent connection (CPVC/PVC, PP, SS)
- Differential pressure switch
- Pre-installed hanging bracket and wall mount kit

Accessories

- Kit, CPVC starter and PVC vent terminations: (2" P/N: 107039-01) (3" P/N: 107039-02)
- Service parts kit (P/N: 106260-03)
- LP gas conversion kit for elevations to 2,000' – for higher elevations, please consult Installation, Operating, and Service Instructions:
 - 80HB-100HB P/N: 107873-01
 - 120HB-150HB P/N: 107874-01
 - 180HB P/N: 107875-01

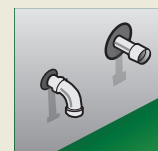


Dimensions (Inches)			
Model	A*	B	C
GHE80HB	16-3/16	3	7-3/8
GHE100HB	16-3/16	3	7-7/16
GHE120HB	16-3/16	3	7-7/16
GHE150HB	20-3/16	4-7/16	8
GHE180HB	20-3/16	4-7/16	8

*Open control door extends dimension additional 15"

Typical Venting Configurations

Illustrations are for representation only. NOTE: Stainless steel flex approved. For complete venting information, please see Installation manual.



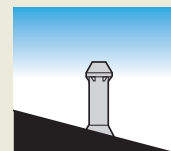
Horizontal 2-pipe



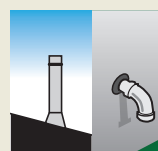
Horizontal 2-pipe low profile



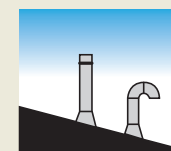
Horizontal 2-pipe concentric



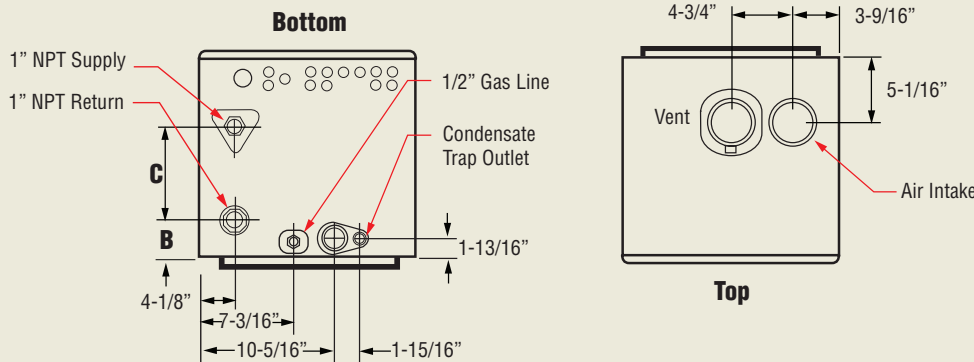
Vertical 2-pipe concentric



Hybrid



Vertical 2-pipe



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