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

New Yorker®
RESIDENTIAL HEATING BOILERS

MADE IN U.S.A.
### Ratings & Specifications

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

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)

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHE80HB</td>
<td>16-3/16</td>
<td>3</td>
<td>7-3/8</td>
</tr>
<tr>
<td>GHE100HB</td>
<td>16-3/16</td>
<td>3</td>
<td>7-7/16</td>
</tr>
<tr>
<td>GHE120HB</td>
<td>16-3/16</td>
<td>3</td>
<td>7-7/16</td>
</tr>
<tr>
<td>GHE150HB</td>
<td>20-3/16</td>
<td>4-7/16</td>
<td>8</td>
</tr>
<tr>
<td>GHE180HB</td>
<td>20-3/16</td>
<td>4-7/16</td>
<td>8</td>
</tr>
</tbody>
</table>

*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