Gas Fired, Chimney or Power Vented, Cast Iron Steam Boiler

Independence
Chimney vented, equipped with fuel saving vent damper and low profile rear draft hood which accommodates low overhead areas and permits flexibility of installation with existing heating system piping.

Independence PV
Power vented option, for installation without a chimney. A draft-inducing fan pulls hot gases through the heat exchanger for optimum efficiency.

Standard Features
• Up 82% AFUE
• 62 – 382 MBH (10 sizes)
• Natural or LP gas on selected models (chimney vented)
• Electronic ignition (sizes 3-9)
• American-made cast iron sections
• Stainless steel burners
• Step-opening gas valve provides smooth & quiet start-up
• Industrial-quality pressure limit control
### Independence Ratings & Specifications*

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Input MBH</th>
<th>Heating Capacity MBH</th>
<th>AHRI Net Ratings1</th>
<th>Approx Shipping Weight (Lbs.)</th>
<th>Minimum Chimney Requirements (Round Dia. (In.) x Ht. (Ft.))</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Steam MBH</td>
<td>Steam Sq. Ft.</td>
<td>AFUE%</td>
<td></td>
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<tr>
<td>IN3I</td>
<td>62</td>
<td>51</td>
<td>38</td>
<td>158</td>
<td>82.0</td>
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<tr>
<td>IN4I</td>
<td>105</td>
<td>87</td>
<td>65</td>
<td>271</td>
<td>82.0</td>
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<tr>
<td>IN5I</td>
<td>140</td>
<td>115</td>
<td>86</td>
<td>358</td>
<td>82.0</td>
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<tr>
<td>IN6I</td>
<td>175</td>
<td>144</td>
<td>108</td>
<td>450</td>
<td>82.1</td>
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<tr>
<td>IN7I</td>
<td>210</td>
<td>173</td>
<td>130</td>
<td>542</td>
<td>82.1</td>
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<tr>
<td>IN8I</td>
<td>245</td>
<td>202</td>
<td>152</td>
<td>633</td>
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<tr>
<td>IN9I</td>
<td>280</td>
<td>231</td>
<td>173</td>
<td>721</td>
<td>82.2</td>
</tr>
</tbody>
</table>

1. Capacities and ratings are based on steam combustion efficiency of 83.0%. (84.1% for IN3PVNI)
2. The approved venting system for the Independence PV is 3” AL29-4C® stainless steel only, as specified in IO&S instructions.
3. Vent pipe length is listed in equivalent feet. Any elbows or tees used can have specific values which must be subtracted from the total length to determine maximum length of straight pipe. Consult Installation, Operating, and Service Instructions for details.

### Standard Equipment

(Semi Pack & K/D):
- Section assembly
- Insulated deluxe jacket
- Base-burner manifold assy.
- Flame roll-out switch (FRS)
- Gas control assembly
- Canopy
- Rear draft hood (sizes 3-9 only)
- Blocked vent switch
- Vent damper

### Packaged Boilers add:
- Pressure limit
- 24V transformer
- Probe type LWCO
- Junction box
- Thermostat isolating relay
- Electronic ignition assembly
- 15 PSI safety valve
- Steam gauge
- Gauge glass
- 3/4” drain valve
- Wiring harness

### PV Boilers add (in lieu of chimney venting equipment):
- Induced draft fan
- Suction pressure switch
- Thermostat blower relay
- Vent accessory carton: vent connector with locking band, vent terminal, clamp
- 3 oz. tube, silicone sealant

### Dimensions

<table>
<thead>
<tr>
<th>Boiler Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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</thead>
<tbody>
<tr>
<td>IN3I</td>
<td>14-1/2</td>
<td>3-3/4</td>
<td>4</td>
<td>40</td>
<td>1/4</td>
<td>4-3/4</td>
<td>7-1/4</td>
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<tr>
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<td>3-3/4</td>
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<td>1/4</td>
<td>4-3/4</td>
<td>8-7/8</td>
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<td>40</td>
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<td>10-1/2</td>
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<tr>
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<td>45</td>
<td>1/2</td>
<td>7-1/2</td>
<td>21-7/8</td>
</tr>
</tbody>
</table>

1. Ratings shown are for installations at sea level and elevations up to 2,000 ft. For higher elevations, reduce ratings 4% for each 1,000 ft. above sea level (U.S. only).
2. The Net AHRI Steam Ratings shown are based on a piping and pickup allowance of 1.333.
3. 15 ft. height is measured from top of drafthood to top of chimney.
4. IN10-1, IN-11 not ETL listed for Canada.

*LP available on IN3-IN9

The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping, etc.

Max Working Pressure: 15 PSI Steam