## I-SERIES

Simultaneous Delivery of Domestic Hot Water and Central Heating

Make a great impression with the **I-Series Condensing Gas Boiler** — delivering iconic indoor heating solutions. Using the perfect combination of proven technology and reliability, these boilers are designed with the homeowner in mind. Unlike most combi boilers, the I-SERIES contains a proportional valve which allows for simultaneous delivery of domestic hot water and central heating without interruption of the heating flow.

### THE ADVANTAGES

**COMFORT & CONVENIENCE**
- Simultaneous delivery of hot water and home heating without interruption
- Servo based by-pass control for precise DHW temperature control
- Multiple heating zones

**OPERATIONAL PERFORMANCE**
- 95% AFUE Efficiency
- High volume of hot water production
- Outdoor Reset optimizes home heating performance

**FLEXIBLE INSTALLATION**
- Compact design
- Versatile venting options
- Easy parameter settings
- NG with LP conversion

### New Product Lineup

<table>
<thead>
<tr>
<th>HEAT ONLY</th>
<th>COMBI</th>
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<table>
<thead>
<tr>
<th>MODELS</th>
<th>i060SN, i090SN</th>
<th>i120SN, i150SN</th>
<th>i060CN</th>
<th>i090CN</th>
<th>i120CN</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT DIMENSIONS</td>
<td>18.5 IN. X 26.4 IN. X 10.9 IN. (471 MM X 671 MM X 276 MM)</td>
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<tr>
<td>UNIT WEIGHT</td>
<td>59.2 LB (26.9 KG)</td>
<td>62 LB (28.2 KG)</td>
<td>73.0 LB (33.2 KG)</td>
<td>76.1 LB (34.5 KG)</td>
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</tr>
<tr>
<td>MIN GAS INPUT - HEATING (BTU/H)</td>
<td></td>
<td></td>
<td></td>
<td>15,000</td>
<td></td>
</tr>
<tr>
<td>MAX. INPUT - HEATING (BTU/H)</td>
<td>60,000</td>
<td>90,000</td>
<td>120,000</td>
<td>150,000</td>
<td>60,000</td>
</tr>
<tr>
<td>MAX. INPUT - DOMESTIC HOT WATER (BTU/H)</td>
<td>N/A</td>
<td>160,000</td>
<td>199,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAX. INPUT - DHW @ 70° F ∆T</td>
<td>N/A</td>
<td>4.1 GPM</td>
<td>5.1 GPM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TURN DOWN RATIO</td>
<td>4:1</td>
<td>6:1</td>
<td>8:1</td>
<td>10:1</td>
<td>4:1</td>
</tr>
<tr>
<td>AFUE RATING</td>
<td></td>
<td></td>
<td></td>
<td>95.0%</td>
<td></td>
</tr>
<tr>
<td>CIRCULATING PUMP</td>
<td>THREE SPEED (GRUNDFOS® UPS 15-78)</td>
<td>PVC, CPVC, PP, SS</td>
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<tr>
<td>APPROVED VENTING</td>
<td></td>
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<tr>
<td>INCLUDED IN THE BOX:</td>
<td>LP FIELD CONVERSION KIT, OUTDOOR RESET SENSOR, FLUE ADAPTERS (TWIN PIPE, CONCENTRIC), PRESSURE RELIEF VALVE (PRV FOR CENTRAL HEATING), MOUNTING BRACKET</td>
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<tr>
<td>OPTIONAL ACCESSORIES</td>
<td>PRIMARY-SECONDARY HEATING KITS, CONDENSATE NEUTRALIZER, SCALECUTTER AND CARTRIDGE, ISOLATION VALVE KIT (FOR QUICK ISOLATION OF COMBI BOILER DHW CONNECTIONS), MC-601 CONTROLLER</td>
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Look Inside
I-SERIES
CONDENSING GAS BOILER

2-Inch Intake Vent Connection
Used for or Room-Air Configurations
(2-in. PVC/CPVC/PP on vent runs up to 65 feet)

Integrated Flue Check Valve

Concentric Vent or 2-Inch Exhaust
(2 in. /4 in. or 3 in. / 5 in.
Direct Vent or Exhaust in 2-Pipe Configurations)

Turbo Fan

Switching Venturi

Gas Orifice
(Quick Gas Conversion)

Zero Governor Gas Valve

Primary Stainless Steel Heat Exchanger

Stainless Steel Flat Plate Domestic Hot Water Heat Exchanger

Proportional Valve
Delivers Domestic Hot Water (DHW) and Central Heating (CH)
Simultaneously Without Interruption

3-Speed Integrated Pump

Servo-Based Temperature Controller
for Domestic Hot Water (DHW)

Integrated Condensate Trap

Flat Plate Secondary Heat Exchanger

Fiber Mesh Premix Burner

Integrated Bypass Line

* COMBI MODEL SHOWN.