True Modulation For Precise Air-to-Gas Ratio

- Industrial grade enclosure for long-lasting high performance in harsh environments
- Fuel efficient operation with fully automatic or manual control of burner modulation
- Efficient and optimum combustion throughout full range of burner inputs ensured by pre-programmed burner controls that adjust both fuel and air
- System information and ease of service provided by comprehensive on-board diagnostics for fault and system status
- Approved for indoor and outdoor use

www.robertsgordon.com
**Weights**

- **Aluminized Tube and Accessory Packages (ft)**: 20, 30, 40, 50
- **High Efficiency Aluminum Reflector (lb)**: 89, 124, 167, 213
- **Standard Aluminum Reflector (lb)**: 86, 120, 161, 206
- **Standard Stainless Steel Reflector (lb)**: 113, 152, 208, 265
- **Burner (lb)**: 41

**U-tube Packages**

- **Aluminized U-tube for High Efficiency Aluminum Reflector (lb)**: 23
- **Aluminized U-tube for Standard Aluminum Reflector (lb)**: 19
- **Aluminized U-tube for Standard Stainless Steel Reflector (lb)**: 20

**Fuel**

- NG or LPG

**Electrical Supply**

- 120 V, 60 Hz, 1.3 A (Run), 4.8 A (Start)

**Heat Exchanger Tubing**

- 10 ft Sections, 4" dia, 16 Gauge, First 10 ft ALUMI-THERM® Steel Tubing
  
  (Remaining Heat Treated Aluminized Steel Tubing, or Double Coated Porcelain Tubing)

**Reflector and End Caps**

- 0.024 Aluminum (Optional - 0.024 Stainless Steel Type 304)

**Control System**

- Modulating Gas Valve and Hot Surface Electronic Ignition Control

**Control Options**

- Zone Sensor, Thermostat, Modulating Thermostat, 10 K ohm Potentiometer, Remote 0-10 Vdc or 4-20 mA Signal

**Approved As**

- Indoor and Outdoor (Vented or Unvented)

**Certification**

- ANSI Z83.20/CSA 2.34

**Warranty**

- Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)

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**Clearances to Combustibles **[in]**

<table>
<thead>
<tr>
<th>Model</th>
<th>HEM-80</th>
<th>HEM-115</th>
<th>HEM-150</th>
<th>HEM-200</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>6</td>
<td>8</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>38</td>
<td>8</td>
<td>46</td>
<td>8</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>66</td>
<td>86</td>
<td>77</td>
<td>78</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>38</td>
<td>60</td>
<td>46</td>
<td>69</td>
</tr>
</tbody>
</table>

**Clearances B, C and D can be reduced by 50% for locations 25 ft (7 m) or more downstream of the burner. For other mounting options and associated clearances, complete installation, operation and service criteria, please see the current issue of the Installation, Operation and Service Manual.**

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**This product is not for residential use.**

**This document is intended to assist licensed professionals in the exercise of their professional judgment.**