The LD3 Series extends the energy saving benefits of two-stage technology to many commercial, industrial and residential applications. Designed for lower mounting heights, the LD3 Series is ideal for low ceiling commercial/industrial areas such as entry ways, mezzanines, lunch rooms and restaurant patios. Specific models are suitable in residential garages, enclosed swimming pools, solariums and porches.

PRODUCT FEATURES

- Two-stage Technology.
- BTU/h Inputs of 40,000 & 50,000.
- Available in Tube Lengths of 15 to 30 Ft.
- Coated Titanium Treated Combustion Chamber.
- Coated Aluminized Steel Radiant Tubes.
- Highly Polished Aluminum Reflectors.
- 24V Control Wiring with Micro-processor Circuitry.
- Hot Surface Ignition with Flame Rod Sensing.

SPECIFIC FEATURES

- Tool-free access to controls.
- Serviceability while unit is operating.
- Separated air and gas burner chamber.
- Symmetrical placement of ignition tube.
- Hinged control compartment provides ease in servicing.
- 3-piece independent compartment cover.
- ABS plastic air intake collar for connection to 4” PVC/DWV pipe.
**PRODUCT SPECIFICATIONS**

**Input Range:** 40,000 to 50,000 BTU/h  
**Lengths:** 15-30 Ft.  
**Gas Type:** Natural or Propane  
**Combustion Chamber:** Black Coated Titanium Treated Steel  
**Radiant Tubes:** Black Coated Aluminized Steel  
**Certification:** ANSI Z83.20, CSA 2.34, CSA No. 7-89  
**Limited Warranty:** 1-3-5 (Components-Tubes-Burner)

**OPTIONAL EQUIPMENT**

- **‘U’ or ‘L’ Configurations:** Available on Most Models  
- **Stainless Steel Upgrades:** Available (SSRAO, SSRAO-5)  
- **24V Controls:** Standard  
- **Indicator Lights:** Standard  
- **Protective Guards:** Available (PG)  
- **Side Shield Extensions:** Available (SSE)  
- **Outdoor Approval:** Available (OD-KIT)

**AVAILABLE LD3 MODELS & CLEARANCES**

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>GAS ¹</th>
<th>BTU/h High Fire</th>
<th>BTU/h Low Fire</th>
<th>STRAIGHT LENGTH</th>
<th>'U' TUBE LENGTH</th>
<th>SHIP WEIGHT</th>
<th>TYP. OR RCMD. MOUNTING HEIGHTS ²</th>
<th>MOUNTING ANGLE ³</th>
<th>SIDES</th>
<th>TOP</th>
<th>BELOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD3-15-40</td>
<td>Nat or Prop.</td>
<td>40,000</td>
<td>28,000</td>
<td>16'-10&quot;</td>
<td>N/A</td>
<td>85 lbs.</td>
<td>8' to 13'</td>
<td>0</td>
<td>15</td>
<td>6</td>
<td>45</td>
</tr>
<tr>
<td>LD3-15-50</td>
<td>Nat or Prop.</td>
<td>50,000</td>
<td>35,000</td>
<td>16'-10&quot;</td>
<td>N/A</td>
<td>85 lbs.</td>
<td>10' to 15'</td>
<td>0</td>
<td>11</td>
<td>6</td>
<td>48</td>
</tr>
<tr>
<td>LD3-20-40</td>
<td>Nat or Prop.</td>
<td>40,000</td>
<td>28,000</td>
<td>21'-10&quot;</td>
<td>13'-0&quot;</td>
<td>100 lbs.</td>
<td>8' to 13'</td>
<td>0</td>
<td>15</td>
<td>6</td>
<td>45</td>
</tr>
<tr>
<td>LD3-20-50</td>
<td>Nat or Prop.</td>
<td>50,000</td>
<td>35,000</td>
<td>21'-10&quot;</td>
<td>13'-0&quot;</td>
<td>100 lbs.</td>
<td>9' to 15'</td>
<td>0</td>
<td>11</td>
<td>6</td>
<td>48</td>
</tr>
<tr>
<td>LD3-30-50</td>
<td>Nat or Prop.</td>
<td>50,000</td>
<td>35,000</td>
<td>31'-7&quot;</td>
<td>17'-8&quot;</td>
<td>120 lbs.</td>
<td>9' to 14'</td>
<td>0</td>
<td>11</td>
<td>6</td>
<td>48</td>
</tr>
</tbody>
</table>

1. Specify natural (Nat.) or propane (Prop.) gas at time of order.  
2. If the heater is mounted below 8 feet, protective guards (PG) are required. Typical or recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.  
4. Always maintain clearance to combustibles. Use high BTU output when determining clearances. The minimum end clearance is 12 in. Place signs where necessary in accordance with ANSI/NFPA Standards. Clearances published in LD3 Series manual and on warning label supersede data shown on this brochure. Clearances posted above reflect those of a heater installed at a mounting angle of 0° from horizontal and without the use of add-on options.  
5. Heaters mounted on an angle between 0° to 45° must maintain clearances posted for 0° or 45°; whichever is greater (not shown). See LD3 Series installation manual for additional information.

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