Introducing Space-Ray's New Big Foot™ Radiant Tube Brooder

Infrared Photography Shows The Big Foot™ Radiant Tube Brooder's Large, Even Heat Pattern At Litter Level

Space-Ray's New Big Foot™ Radiant Tube Brooder Provides A Large, Even Heat Footprint, Thus Promoting Improved Bird Growth

This means more uniform heat distribution for your poultry house. Better brooding conditions means more comfort for your birds.

- 19º Optimized Reflector Angle
- Less Convective Wash
- Better Radiant Throw For Even Temperature Distribution
- Low Clearances To Combustibles Above
- Allows Birds Warm Access to Food & Water
- Unique U-Bend Reflector Improves Heat Throw From End Of Tube
- Rectangular Pattern Conforms To Shape Of Poultry House
- 4" Diameter Tubes Create A Large Radiant Surface To Emit More Heat Over A Wide Area

- Each Unit Comes With Fresh Air Intake Kit, Exhaust Hood, Stainless Steel Flexible Gas Connector & A Pre Wired Electrical Connection.
- Each Unit Is Pre-assembled For Easy Installation
- Includes TISS™ (Tube Integrity Safety System) – Space-Ray's patented1 innovative safety system. In the unlikely event of a tube failure, TISS™ has been designed to automatically shut off the heater, providing greater safety and peace of mind.
- 3-Year Limited Warranty On Complete Emitter Assembly

1Patent No. 8000075
**Minimum Clearance to Combustibles**

**Model No.**
- PBF 60: 36” / 91cm, 12” / 30cm, 69” / 175cm, 32” / 81cm
- PBF 70: 36” / 91cm, 12” / 30cm, 69” / 175cm, 32” / 81cm
- PBF 80: 36” / 91cm, 12” / 30cm, 69” / 175cm, 32” / 81cm
- PBF 90: 36” / 91cm, 12” / 30cm, 69” / 175cm, 32” / 81cm

**Technical Data**

<table>
<thead>
<tr>
<th>MODELS</th>
<th>SINGLE STAGE BTU/HR (Kw)</th>
<th>TWO STAGE BTU/HR (Kw)</th>
<th>TOTAL EMITTER TUBE LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBF 60</td>
<td>60,000 (17.6Kw)</td>
<td>39,000 (11.4Kw)</td>
<td></td>
</tr>
<tr>
<td>PBF 70</td>
<td>70,000 (20.5Kw)</td>
<td>45,500 (13.3Kw)</td>
<td></td>
</tr>
<tr>
<td>PBF 80</td>
<td>80,000 (23.4Kw)</td>
<td>52,000 (15.2Kw)</td>
<td></td>
</tr>
<tr>
<td>PBF 90</td>
<td>90,000 (26.4Kw)</td>
<td>58,500 (17.1Kw)</td>
<td></td>
</tr>
</tbody>
</table>

**Gas Type**
- Natural
- Propane

**Burner Pressure**
- Single Stage: 3.5” W.C. 8.7 mbar
- Two Stage: 14” W.C. 34.9 mbar

**Supply Pressure**
- Low Input: 5” W.C. 12.5 mbar
- High Input: 14” W.C. 34.9 mbar

**Voltage**
- 120 VAC 60 Hz

**Amps**
- 1.8

**Ignition Type**
- Direct Spark

**Space-Ray’s New Big Foot™ Radiant Tube Brooder**

**Big Foot** – Provides the largest heat emitting surface area and the largest heating footprint in its market segment.

Unparalleled Design. Unparalleled Performance.

FOR YOUR SAFETY – OPERATE SPACE-RAY HEATERS WITH PROPER CARE AND OBSERVE ALL SAFETY PRECAUTIONS. Installation and service must be performed by a licensed contractor. The installation must conform to local codes. In the absence of local codes, the installation must conform with the National Fuel Gas Code ANSI Z223.1 (latest edition also known as NFPA 54) or CGA B 149 installation codes (latest edition). These codes are available from the National Fire Protection Association, Inc., Batterymarch Park, Quincy, MA02269 (www.nfpa.org) or contact CSA at 1-800-463-6727.