Q Series Infrared Heater Features and Benefits

RUGGED CONSTRUCTION:
- Heavy wall quartz sheath in standard 5/8 inch diameter resists corrosion and chemical vapors. Ceramic insulators provide positive electrical insulation.

OUTSTANDING PERFORMANCE:
- Ideal for curing, baking and drying applications
- Watt densities of 50 watts per square inch (8 W/cm²).

CORROSION RESISTANT HEAD:
- Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC liquid tight conduit.

LONG-LIFE NICKEL CHROME RESISTANCE WIRE:
- Brightness: bright red to dull orange.
- Peak wavelength: 2.55 microns.
- Maximum power density: 1.3 to 1.75 kW/ft².
- Watts per linear inch: 34-45.
- Conversion efficiency infrared energy: 40-62%.
- Response time heat/cool: 1 to 2 minutes.
- Color sensitivity: medium.
- Thermal shock resistance: excellent.

SIZES: 500 watts to 4000 watts.

VOLTAGES:
- 120 to 480 volts.

OPTIONS AVAILABLE (consult factory):
- Special wattages and lengths available to fit most ovens/panels.
- 1/2 inch diameter tubes.
- Selection of electrical terminal styles (specify RA, RB, RC, RE, ARE).

NOTE: Intended for horizontal installation only.
### QUARTZ INFRARED HEATER ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Series/Termination Style</th>
<th>Wattage</th>
<th>Voltages</th>
<th>Tube Size</th>
<th>Model Length</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>QRA</td>
<td>5 = 500W</td>
<td>1 = 120V</td>
<td>A = 5/8&quot; OD, Clear</td>
<td>48&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7 = 750W</td>
<td>2 = 240V</td>
<td>B = 5/8&quot; OD, Translucent, Standard</td>
<td>48&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 = 1000W</td>
<td>3 = 480V</td>
<td>C = 9/16&quot; OD, Translucent, Not Recommended, Available Only in Model Length &lt; 48&quot;</td>
<td>48&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 = 1250W</td>
<td>4 = 480V</td>
<td>D = 3/4&quot; OD, Clear</td>
<td>48&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 = 1500W</td>
<td>5 = 208V</td>
<td>E = Mica w/Thermowell</td>
<td>48&quot;</td>
<td></td>
</tr>
<tr>
<td>QRB</td>
<td>7 = 750W</td>
<td></td>
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</tr>
</tbody>
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**ORDERING EXAMPLE:**

QRE252-B48
Quartz element, 2500 watt, 240 volt, 48" overall.