This 120V inline duct heater for 6” round duct is designed for both horizontal and vertical mounting. The DH6-120V has a heating element which converts electricity into heat through Resistance – the process by which the passage of an electric current thru a conductor (wire) releases heat. The resulting heat is transferred by convection providing there is a temperature difference.

Specifications

- Auto reset thermal cutoff to prevent coil element overheating
- Additional manual reset thermal cutoff to prevent housing overheating
- Airflow sensor to modulate the heating capacity according to the airflow
- High grade nickel-chrome open coil elements, assuring long heater life
- Proportional temperature sensor to maintain the user-set air temperature
- Galvanized steel housing
- Electronic temperature controller to modulate the heating load per the user settings, minimizing the operating cost
- Single point electrical connection to terminal block for easy installation and wiring

<table>
<thead>
<tr>
<th>Round Duct Size (inches)</th>
<th>Performance</th>
<th>Phase</th>
<th>Frequency</th>
<th>Voltage</th>
<th>Power</th>
<th>Current</th>
<th>Minimum Air Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>32-108°F/ 0-42°C</td>
<td>1</td>
<td>60 Hz</td>
<td>120</td>
<td>1 kW</td>
<td>8.33 A</td>
<td>30 CFM</td>
</tr>
</tbody>
</table>

Dimensions

All specifications are subject to change without notice unless approved in submittal by Solar and Palau.

DH6-120V-Submittal-v.2_6-2018