The Luxton- Reed Center
Barcol-Air
RADIANT CEILINGS
ACTIVATE YOUR BUILDING
ACTIVATE YOUR WORLD

The Barcol-Air Radiant Ceiling is a completely customizable system that can be used in most commercial and institutional heating and cooling applications. It is energy efficient, virtually noiseless, easy to install and maintain, and provides the highest levels of thermal comfort possible.

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### Performance Table

<table>
<thead>
<tr>
<th>Panel Size</th>
<th>Panel QTY Per Loop</th>
<th>EWT °F</th>
<th>LWT °F</th>
<th>Capacity BTU/h, sf</th>
<th>Flow gpm</th>
<th>PD PSI</th>
<th>EWT °F</th>
<th>LWT °F</th>
<th>Capacity BTU/h, sf</th>
<th>Flow gpm</th>
<th>PD PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>6</td>
<td>58</td>
<td>63.0</td>
<td>26.0</td>
<td>0.50</td>
<td>150</td>
<td>110</td>
<td>100.0</td>
<td>475</td>
<td>0.50</td>
<td>1.30</td>
</tr>
</tbody>
</table>

* Performance is based on the assumption that no stratification within the space occurs, operating with water only and at sea level.
CEILINGS

Complete architectural freedom, excellent thermal comfort, minimal space requirements and maximum energy savings makes the BRC an ideal solution for both architects and engineers.

Applications

The custom activation sizes and configurations allow for any metal ceiling panel to be activated while still leaving space for light fixtures and sprinkler holes if necessary. This makes the BRC ideal for wide variety of commercial and institutional buildings.

Specs

Copper tubing is mechanically pressed or welded onto a strip of extruded aluminum, which is in turn bonded to the back of the ceiling panel. Optional acoustic fleece and insulation pads are also available upon request.

Benefits

- Energy Efficient (30% Energy Savings on Average)
- Virtually noiseless.
- Low height requirements. (Gain a floor every 10 floors)
- Highest possible thermal comfort.
- Better air quality using 100% outside air.