ARCHITECTURAL LOW PROFILE 8
Hot Water Heated Air Curtain
Data Sheet

DS-206
April, 2018

www.berner.com  Berner International  800.245.4455
111 Progress Ave. / New Castle / PA / 16101 / USA

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For Mounting Heights To 8’ (environmental separation)

STANDARD CONSTRUCTION
- 7 1/2” high x 13 ¾” deep
- 1/5 hp motor(s) - ten speeds
- Factory installed Intelliswitch digital controller
- Clear satin anodized aluminum exterior
  (Optional: Custom Color or Stainless)
- Wall & Top Mounting
- High efficiency, low noise Pro-V Nozzle
- Factory installed coil
- Optional: Filter (washable)
- Optional: Wi-Fi Controller, works with Berner App

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### MODEL NUMBER CONFIGURATION

**ALC08-1 030 W A -R-WCA-SS**

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>ALC08</td>
<td>1, 2</td>
<td>030° - 120°</td>
<td>W=Hot Water Heated</td>
<td>A=120/1/60 B=208/1/60 J=240/1/60 V=220/1/50</td>
<td>R=Remote Display WCA=Wi-Fi Controller Berner App</td>
<td>SS=Stainless Steel CC=Custom Color</td>
<td></td>
</tr>
</tbody>
</table>

*Suitable for 50hz

Berner reserves the right to alter specifications without prior notice.

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**NOTES:**
1. Operation at 50 Hz will generate approximately a 17% reduction in performance.
2. Performance data based on unheated units.
3. Coil performance based on 65°F entering air temperature.
4. Standard connection same end supply/return.
5. Coil should be field supplied with a solenoid valve that energizes only when air curtain is energized. Consideration must be taken for freeze protection when necessary.
6. Maximum leaving air temperature shall not exceed 120°F.
7. Consult factory for alternate entering air & water temperatures, GPM’s, or vertically mounted units.

See sheet EP-206 for amp draws/total load requirements.

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</thead>
<tbody>
<tr>
<td>ALC08-1030W</td>
<td>28.00</td>
<td>3,100</td>
<td>1,777</td>
<td>691</td>
<td>89%</td>
<td>0.18</td>
<td>1 @ 1/5</td>
<td>18.8</td>
<td>180° / 167°</td>
<td>3.0</td>
<td>0.6</td>
<td>25°</td>
<td>56</td>
</tr>
<tr>
<td>ALC08-1036W</td>
<td>35.25</td>
<td>3,600</td>
<td>2,116</td>
<td>1,036</td>
<td>92%</td>
<td>0.32</td>
<td>1 @ 1/5</td>
<td>28.1</td>
<td>180° / 168°</td>
<td>5.0</td>
<td>1.7</td>
<td>25°</td>
<td>64</td>
</tr>
<tr>
<td>ALC08-1042W</td>
<td>41.25</td>
<td>4,000</td>
<td>2,115</td>
<td>1,212</td>
<td>93%</td>
<td>0.32</td>
<td>1 @ 1/5</td>
<td>32.8</td>
<td>180° / 167°</td>
<td>5.0</td>
<td>1.8</td>
<td>25°</td>
<td>72</td>
</tr>
<tr>
<td>ALC08-1048W</td>
<td>47.25</td>
<td>2,800</td>
<td>2,104</td>
<td>1,381</td>
<td>94%</td>
<td>0.32</td>
<td>1 @ 1/5</td>
<td>38.5</td>
<td>180° / 167°</td>
<td>6.0</td>
<td>2.6</td>
<td>25°</td>
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<td>ALC08-1060W</td>
<td>59.00</td>
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<td>2,053</td>
<td>1,682</td>
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<td>0.32</td>
<td>1 @ 1/5</td>
<td>46.3</td>
<td>180° / 163°</td>
<td>5.5</td>
<td>2.3</td>
<td>25°</td>
<td>95</td>
</tr>
<tr>
<td>ALC08-1072W</td>
<td>72.50</td>
<td>3,600</td>
<td>2,058</td>
<td>2,072</td>
<td>95%</td>
<td>0.32</td>
<td>1 @ 1/5</td>
<td>56.8</td>
<td>180° / 161°</td>
<td>6.0</td>
<td>2.9</td>
<td>25°</td>
<td>107</td>
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<tr>
<td>ALC08-2084W</td>
<td>84.25</td>
<td>3,000</td>
<td>2,072</td>
<td>2,424</td>
<td>93%</td>
<td>0.64</td>
<td>2 @ 1/5</td>
<td>67.3</td>
<td>180° / 160°</td>
<td>7.0</td>
<td>4.0</td>
<td>25°</td>
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<td>ALC08-2096W</td>
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<td>2,800</td>
<td>2,066</td>
<td>2,762</td>
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<td>0.64</td>
<td>2 @ 1/5</td>
<td>76.8</td>
<td>180° / 159°</td>
<td>7.5</td>
<td>4.8</td>
<td>25°</td>
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<tr>
<td>ALC08-2120W</td>
<td>119.75</td>
<td>3,100</td>
<td>2,023</td>
<td>3,364</td>
<td>95%</td>
<td>0.64</td>
<td>2 @ 1/5</td>
<td>95.6</td>
<td>180° / 158°</td>
<td>9.0</td>
<td>7.3</td>
<td>26°</td>
<td>178</td>
</tr>
</tbody>
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**Sound level measured 10’ (3m) from the unit in free field:**
1 motor: Min./Max. Speed: 52/54 dBA
2 motors: Min./Max. Speed: 55/57 dBA
<table>
<thead>
<tr>
<th>MODEL</th>
<th># CKTS</th>
<th>AMPS PER CIRCUIT</th>
<th>BREAKER RATING PER CIRCUIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALC08-1030W</td>
<td>1</td>
<td>3.4</td>
<td>15</td>
</tr>
<tr>
<td>ALC08-1036W</td>
<td>1</td>
<td>3.4</td>
<td>15</td>
</tr>
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<td>ALC08-2084W</td>
<td>1</td>
<td>6.8</td>
<td>15</td>
</tr>
<tr>
<td>ALC08-2096W</td>
<td>1</td>
<td>6.8</td>
<td>15</td>
</tr>
<tr>
<td>ALC08-2120W</td>
<td>1</td>
<td>6.8</td>
<td>15</td>
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