Dehumidifier Aquasorb

AQ 30B, 31B, 31L

Dehumidifying capacity at 20°C / 60%RH
0.85 - 1.55 kg/h

Dry air flow
330 - 370 m³/h

- Condenses out the moisture
- Stainless steel chassis
- Washable rotor
- Dry air outlet duct connection
- Operates at dew points below 0°C
- Integral condensate pump

Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

World leaders in dehumidification.
TECHNICAL DATA

<table>
<thead>
<tr>
<th>Dehumidifier model</th>
<th>AQ-30B</th>
<th>AQ-31B</th>
<th>AQ-31L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity(^1) (kg/h)</td>
<td>0.85</td>
<td>1.15</td>
<td>1.55</td>
</tr>
<tr>
<td>Dry airflow(^2) (m(^3)/h)</td>
<td>370</td>
<td>330</td>
<td>330</td>
</tr>
<tr>
<td>External static pressure dry air (Pa)</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Maximum electric consumption (kW)</td>
<td>1.8</td>
<td>2.2</td>
<td>2.9</td>
</tr>
<tr>
<td>Supply fuse 230V / 50Hz (A)</td>
<td>10</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>34</td>
<td>38</td>
<td>38</td>
</tr>
</tbody>
</table>

\(^1\) Valid for inlet conditions 20°C/60%RH. For other inlet conditions, the capacity can be calculated by using the diagram shown below.

\(^2\) Volume flow for density 1.20 kg/m\(^3\).

CORRECTION DIAGRAM

The temperature of the dry air at nominal air flows is calculated by:

\[
\begin{align*}
\text{AQ-30B} & : t_{\text{out}} = t_{\text{in}} + 6^\circ \text{C} \\
\text{AQ-31B} & : t_{\text{out}} = t_{\text{in}} + 14^\circ \text{C} \\
\text{AQ-31L} & : t_{\text{out}} = t_{\text{in}} + 15^\circ \text{C}
\end{align*}
\]

DIMENSIONS

Subject to change without notice. Download installation drawing at www.dst-sg.com

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