The new BlueCool S-Series & BlueCool Classic
Self-contained air-conditioning units

The self-contained air-conditioners are suitable for boats with up to three cabins. The range is designed in a compact way. For a solid and highly functional base, they are mounted on extra-deep, thermally insulated, stainless steel trays. All units are epoxy-painted for durable corrosion protection. Highly efficient compressors allow extremely low power consumption. Additionally, a multi-point injection evaporator offers higher unit efficiency. The installation of a self-contained unit is very simple. Each cabin has its own self-contained unit providing cool air to the cabin. Generated heat is transferred to the sea via the sea water circuit. The control unit is located in the same cabin as the air conditioner.

Self-contained air-conditioners:
- Stand alone unit
- Heating via reverse cycle integrated
- Extremely compact
- All components on one tray
- Seven sizes available
- Lowest power consumption
- Including electronics, blower and controls

The new BlueCool S-Series:
- Efficiency increased up to 15 %
- Continuous operation even under tropical conditions
- Overall size is reduced up to 20 %
- New electronics with USB diagnosis
- Quiet operation
- Robust design
- Soft start devices available as an option
Technical specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>BlueCool Classic</th>
<th>S8</th>
<th>S10</th>
<th>S13</th>
<th>S16</th>
<th>S20</th>
<th>S27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling capacity (BTU/h)*</td>
<td>5,000</td>
<td>8,000</td>
<td>10,000</td>
<td>13,000</td>
<td>16,000</td>
<td>20,000</td>
<td>27,000</td>
</tr>
<tr>
<td>Supply voltage (V)</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>Current draw running** (A)</td>
<td>1.7 – 2.4</td>
<td>2.4 – 3.5</td>
<td>2.6 – 4.0</td>
<td>3.6 – 6.3</td>
<td>4.9 – 7.2</td>
<td>5.9 – 8.9</td>
<td>7.0 – 10.5</td>
</tr>
<tr>
<td>Cooling capacity (kW)</td>
<td>1.4</td>
<td>2.3</td>
<td>2.9</td>
<td>3.8</td>
<td>4.7</td>
<td>5.9</td>
<td>7.9</td>
</tr>
<tr>
<td>Blower output*** (m³/h, cfm)</td>
<td>275</td>
<td>275</td>
<td>400</td>
<td>500</td>
<td>625</td>
<td>625</td>
<td>2 x 550</td>
</tr>
<tr>
<td>Sea water connection (mm/*</td>
<td>16</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Minimum sea water flow (l/min.)</td>
<td>5</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>13</td>
<td>17</td>
<td>21</td>
</tr>
<tr>
<td>Dimension L x D x H (mm/inch)</td>
<td>424 x 285 x 278</td>
<td>313 x 400 x 301</td>
<td>310 x 475 x 310</td>
<td>355 x 500 x 320</td>
<td>360 x 540 x 330</td>
<td>340 x 590 x 370</td>
<td>510 x 570 x 390</td>
</tr>
<tr>
<td>diam. air outlet (mm/inch)</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>2 x 125</td>
</tr>
</tbody>
</table>

* BTU/h are based on 7 °C evaporating temperature and 38 °C condensing temperature
** Amperage values depend on compressor load. Max values stated for tropical conditions at 230 V/50 Hz
*** Free blowing

Control element:

Digital control

Errors and omissions excepted • © Webasto Thermo & Comfort SE, 2012