Maximum efficiency, reduced costs, energy savings. Rittal’s strategy says think in terms of system solutions and provide a system for all applications – from power distribution and automation, to building installation, through to the IT infrastructure. And offer your customers unprecedented benefits.

Industrial enclosures

- Power distribution
- Electronic packaging
- System climate control
- IT systems
- Service

Rittal – The System.
Faster – better – worldwide.

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**Control module**

- One version for two frequencies: 400 V/50 Hz, 460 V/60 Hz
- Temperature control by way of fixed or differential values, switchable

**Chiller module**

- Air intake at rear, optionally also on left or right for the 8, 12 and 16 kW versions
- Refrigerant R410A
- Simple exchanging of modules with different outputs

**Water module**

- Water bypass as standard
- Flow monitor as standard
- Simple exchanging of modules of different capacities

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SHOP ONLINE at www.airlinehyd.com

800-999-7378

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800-999-7378
Standardised modular design
for faster availability
Control module
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SHOP ONLINE at www.airlinehyd.com
800-999-7378
TopTherm chiller

Benefits:
- Modular design
- Small footprint
- Convenient servicing
- High reliability thanks to standard water bypass
- One version for two frequencies = international compatibility
- Series product available from stock
- Fast delivery, as pre-assembled modules can simply be combined into a recooling system

Supply includes:
- Complete unit ready for connection.

Cooling output 8 – 40 kW

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Cooling output at Tw = 10°C/Tu = 32°C</th>
<th>Cooling output at Tw = 18°C/Tu = 32°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>at 50/60 Hz</td>
<td>at 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td></td>
<td>6.9/7.6 kW</td>
<td>8.0/8.8 kW</td>
</tr>
<tr>
<td></td>
<td>10.3/11.3 kW</td>
<td>12/13.1 kW</td>
</tr>
<tr>
<td></td>
<td>13.8/15.2 kW</td>
<td>16/17.6 kW</td>
</tr>
<tr>
<td></td>
<td>17.2/18.9 kW</td>
<td>20/21.8 kW</td>
</tr>
<tr>
<td></td>
<td>21.6/23.8 kW</td>
<td>25/27.6 kW</td>
</tr>
<tr>
<td></td>
<td>27.6/30.4 kW</td>
<td>32/35.2 kW</td>
</tr>
<tr>
<td></td>
<td>34.5/38 kW</td>
<td>40/44 kW</td>
</tr>
</tbody>
</table>

Power consumption max. kW

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power consumption max. kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>3335.600</td>
<td>3.4/4.0</td>
</tr>
<tr>
<td>3335.610</td>
<td>5.9/6.4</td>
</tr>
<tr>
<td>3335.620</td>
<td>6.7/8.0</td>
</tr>
<tr>
<td>3335.630</td>
<td>8.0/9.9</td>
</tr>
<tr>
<td>3335.640</td>
<td>10.5/12.9</td>
</tr>
<tr>
<td>3335.650</td>
<td>13.5/15.9</td>
</tr>
<tr>
<td>3335.660</td>
<td>16.0/19.8</td>
</tr>
</tbody>
</table>

Rated current max. A

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Rated current max. A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3335.600</td>
<td>6.4/5.7</td>
</tr>
<tr>
<td>3335.610</td>
<td>8.2/9.5</td>
</tr>
<tr>
<td>3335.620</td>
<td>11.1/11.3</td>
</tr>
<tr>
<td>3335.630</td>
<td>15.9/13.9</td>
</tr>
<tr>
<td>3335.640</td>
<td>20.3/20.7</td>
</tr>
<tr>
<td>3335.650</td>
<td>22.2/22.6</td>
</tr>
<tr>
<td>3335.660</td>
<td>31.7/27.9</td>
</tr>
</tbody>
</table>

Refrigerant R410A

Number of cooling circuits 12

Temperature range – environment +10°C to +43°C

Temperature range – water +7°C to +25°C

Pump capacity at 2.5 bar (l/min.)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Pump capacity at 2.5 bar (l/min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3335.600</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>3335.610</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>3335.620</td>
<td>60/40 Hz (at 60 Hz 3.7 bar)</td>
</tr>
<tr>
<td>3335.630</td>
<td>50/140</td>
</tr>
<tr>
<td>3335.640</td>
<td>60/40</td>
</tr>
<tr>
<td>3335.650</td>
<td>60/40</td>
</tr>
<tr>
<td>3335.660</td>
<td>60/40</td>
</tr>
</tbody>
</table>

Tank capacity l

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Tank capacity l</th>
</tr>
</thead>
<tbody>
<tr>
<td>3335.600</td>
<td>80</td>
</tr>
<tr>
<td>3335.610</td>
<td>135</td>
</tr>
</tbody>
</table>

Water connections 1˝ 11/4˝

Weight (empty) kg

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Weight (empty) kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>3335.600</td>
<td>250</td>
</tr>
<tr>
<td>3335.610</td>
<td>270</td>
</tr>
<tr>
<td>3335.620</td>
<td>325</td>
</tr>
<tr>
<td>3335.630</td>
<td>470</td>
</tr>
<tr>
<td>3335.640</td>
<td>500</td>
</tr>
<tr>
<td>3335.650</td>
<td>580</td>
</tr>
<tr>
<td>3335.660</td>
<td>940</td>
</tr>
</tbody>
</table>

Colour RAL 7035

Protection category (electrics) IP 44

Temperature control Microcontroller control (factory setting +18°C, differential value control also possible)

Accessories

- Packs of Air filter
- Levelling feet
- Levelling feet with vibration dampening
- Base/plinth components front and rear
- Base/plinth trim panels, side
- Rifrost Canister

We reserve the right to make technical modifications.

1) Without pump heat losses.

2) 2 packs

Benefits:
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- High reliability thanks to standard water bypass
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Supply includes:
- Complete unit ready for connection.

B = Width
H = Height
T = Depth

Photo shows a configuration example with equipment not included in the scope of supply.
Benefits:
● Modular design
● Small footprint
● Convenient servicing
● High reliability thanks to standard water bypass

Photo shows a configuration example with equipment no 2 packs.

Chiller module with air intake from the left

The variable air intake enables the chiller to be matched optimally to local circumstances at the place of installation.

Chiller module with air intake from the rear

Chiller module with air intake from the right

Enclosure suits Two modules can be combined into a suite to double the cooling capacity. Integration into existing enclosure suites is possible.
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