



**CONTEG**<sup>®</sup>  
to complete your network

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**Cut Sheet**

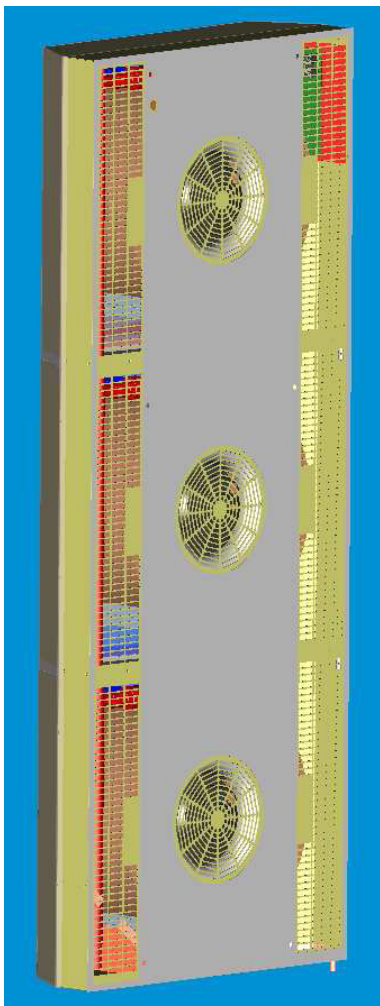
**AC-RC-DX/A8**

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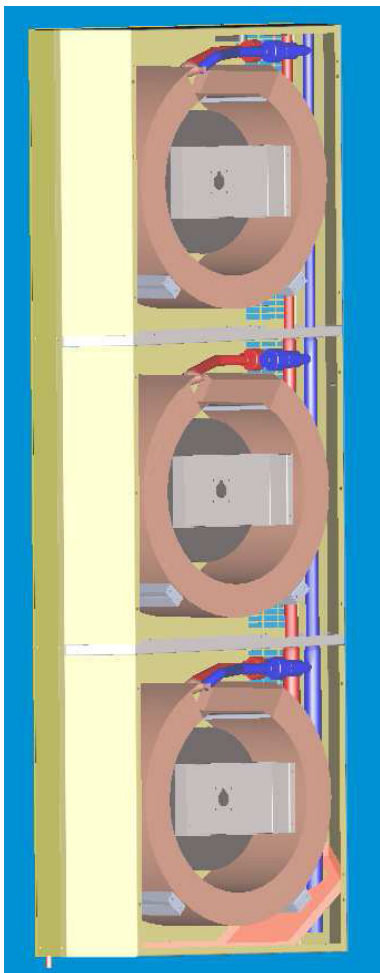
## DIRECT EXPANSION HEAT EXCHANGER FOR ELECTRONIC CABINETS

|                                    |   |
|------------------------------------|---|
| <b>Frame</b>                       | Painted steel plate   |
| <b>Colour</b>                      | RAL7021   |
| <b>Exchangers</b>                  | Copper pipe and aluminium fins. Hydrofil treatment  |
| <b>Fans</b>                        | Radial fans with thermic protection. Temperaturedependent speed regulation                                    |
| <b>Thermal medium</b>              | R410A   |
| <b>Air flow</b>                    | Horizontal flow. Warm air sucked from the center, cold supplied air from the sides to reach front of the rack |
| <b>Condensate management</b>       | Discharge pipe at the bottom of the unit  |
| <b>Gasket</b>                      | Adhesive gasket   |
| <b>Electrical power connection</b> | 3 m cable   |
| <b>Valve</b>                       | Electronic Expansion Valve  |
| <b>Architecture</b>                | Close loop  |
| <b>Control</b>                     | Electronic C2020 board – Alarm Management   |

|                                       |         |                        |
|---------------------------------------|---------|------------------------|
| <b>Voltage /Phase/Frequency</b>       | V/ph/Hz | <b>230 / 1 / 50-60</b> |
| <b>Dimensions (WxDxH)</b>             | mm      | <b>700 x210 x 1800</b> |
| <b>Cooling capacity</b>               | kW      | <b>18</b>              |
| <b>Fans</b>                           | #       | <b>3</b>               |
| <b>Fan air flow (free air)</b>        | m3/h    | <b>1600 x 3</b>        |
| <b>Absorbed current</b>               | A       | <b>3</b>               |
| <b>Absorbed Power</b>                 | W       | <b>675</b>             |
| <b>Supply air temperature</b>         | °C      | <b>18-22</b>           |
| <b>Max return air temperature</b>     | °C      | <b>35</b>              |
| <b>Side cabinet protection degree</b> | IP      | <b>55</b>              |
| <b>Noise level max (@ 1 m)</b>        | dB(A)   | <b>58</b>              |
| <b>Duty cycle</b>                     | %       | <b>100</b>             |
| <b>Weight (empty/full)</b>            | kg      | <b>84</b>              |



Front view



Rear view



Rear view