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## SK 3329.540

## TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



# SK 3329.540 - TopTherm wall-mounted cooling unit Blue e

## 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".

## Features

|                                      |                                                                                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                            | SK 3329.540                                                                                                                                                                               |
| Design                               | wall-mounted                                                                                                                                                                              |
| Product description                  | Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).                             |
| Benefits                             | May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller                                                           |
| Material                             | Sheet steel                                                                                                                                                                               |
| Colour                               | RAL 7035                                                                                                                                                                                  |
| Supply includes                      | Condenser with hydrophobic RiNano coating<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts<br>Integral electric condensate evaporation |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 2.55 kW<br>Cooling output L35 L35/60 Hz: 2.75 kW<br>Cooling output L35 L50/50 Hz: 1.9 kW<br>Cooling output L35 L50/60 Hz: 2 kW                              |
| Rated operating voltage              | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz                                                                                                                                                      |
| Rated current max.                   | At 50 Hz: 3.3 A<br>At 60 Hz: 3.4 A                                                                                                                                                        |
| Start-up current max.                | At 50 Hz: 6.8 A<br>At 60 Hz: 7.6 A                                                                                                                                                        |

# Features

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Air throughput (unimpeded air flow)            | External circuit: 1,200 m³/h<br>Internal circuit: 1,200 m³/h                                                                                                                 |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.11<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.88                                                                             |
| Design                                         | wall-mounted                                                                                                                                                                 |
| Dimensions                                     | Width: 400 mm<br>Height: 1,580 mm<br>Depth: 295 mm                                                                                                                           |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54                                                                                                                             |
| Protection category NEMA                       | UL Type 12                                                                                                                                                                   |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 1.15 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.73 t                                                             |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)                                                                                                                                |
| Operating temperature range                    | 10 °C...55 °C                                                                                                                                                                |
| Storage temperature range                      | -40 °C...70 °C                                                                                                                                                               |
| Setting range                                  | 20 °C...55 °C                                                                                                                                                                |
| Power consumption Pel                          | Power consumption L35 L35/50 Hz: 1.19 kW<br>Power consumption L35 L35/60 Hz: 1.46 kW<br>Power consumption L35 L50/50 Hz: 1.45 kW<br>Power consumption L35 L50/60 Hz: 1.75 kW |
| Permissible operating pressure (p. max.)       | 28 bar                                                                                                                                                                       |
| Pre-fuse                                       | Motor circuit-breaker: 6.3...10 A                                                                                                                                            |
| Packs of                                       | 1 pc(s).                                                                                                                                                                     |
| Net weight                                     | 70.3 kg                                                                                                                                                                      |
| Gross weight                                   | 74 kg                                                                                                                                                                        |
| Customs tariff number                          | 84158200                                                                                                                                                                     |
| ETIM 9                                         | EC000855                                                                                                                                                                     |

# Features

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| ETIM 8              | EC000855                                                                                                      |
| ECLASS 8.0          | 27180704                                                                                                      |
| Product description | SK cooling unit Blue e, wall-mounted, 2.55 kW, 400-460 V, 3~, 50/60 Hz, Sheet steel, WHD: 400 x 1580 x 295 mm |

# Approvals

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Approvals    | 30 - KC Korea<br>UL + C-UL (listed)<br>UL + C-UL - FTTA<br>UR + C-UR (recognized)                         |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |