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## SK 3305.548

# TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4

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ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3305.548 - TopTherm wall-mounted cooling unit

## Blue e, UL Type 3R/4 0.5 - 2.5 kW

Energy-efficient Blue e wall-mounted cooling units in output categories 500 W to 2,500 W with integral e-Comfort controller and electric condensate evaporation (from 1000 W) as standard, protection category UL Type 3R/4, 12.



## Features

|                     |   |
|---------------------|---|
| Model No.           | SK 3305.548   |
| Design              | wall-mounted  |
| Product description | Energy-efficient Blue e wall-mounted cooling units with integral e-Comfort controller and electric condensate evaporation as standard. Protection category UL Type 3R/4, 12.              |
| Benefits            | Suitable for outdoor siting<br>Blue e technology<br>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 |

# Features

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|--|--|
| Total cooling output to DIN EN 14511           | Cooling output L35 L35/50 Hz: 1.6 kW<br>Cooling output L35 L35/60 Hz: 1.61 kW<br>Cooling output L35 L50/50 Hz: 1.1 kW<br>Cooling output L35 L50/60 Hz: 1.25 kW |
| Rated operating voltage                        | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |
| Rated current max.                             | At 50 Hz: 2.5 A<br>At 60 Hz: 2.8 A   |
| Start-up current max.                          | At 50 Hz: 12.2 A<br>At 60 Hz: 11.3 A   |
| Air throughput (unimpeded air flow)            | External circuit: 950 m <sup>3</sup> /h<br>Internal circuit: 540 m <sup>3</sup> /h   |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.64  |
| Design   | wall-mounted   |
| Dimensions                                     | Width: 405 mm<br>Height: 1,020 mm<br>Depth: 358 mm   |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 56   |
| Protection category NEMA                       | UL Type 3R<br>UL Type 4<br>UL Type 12  |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 0.61 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.38 t                      |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)  |
| Operating temperature range                    | -20 °C...50 °C   |
| Operating temperature                          | Compressor cooling mode from +10 °C ambient temperature. Only the internal fan is active in the temperature range -20 °C to +10 °C.                            |
| Storage temperature range                      | -40 °C...70 °C   |
| Setting range                                  | 20 °C...50 °C  |

# Features

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|  |   |
|--|---|
| Power consumption Pel                    | Power consumption L35 L35/50 Hz: 0.8 kW<br>Power consumption L35 L35/60 Hz: 0.98 kW<br>Power consumption L35 L50/50 Hz: 0.87 kW<br>Power consumption L35 L50/60 Hz: 1.15 kW |
| Permissible operating pressure (p. max.) | 28 bar  |
| Pre-fuse                                 | Motor circuit-breaker: 6.3...10 A   |
| Packs of                                 | 1 pc(s).  |
| Net weight                               | 54 kg   |
| Gross weight                             | 64.75 kg  |
| Customs tariff number                    | 84158200  |
| ETIM 9                                   | EC000855  |
| ETIM 8                                   | EC000855  |
| ECLASS 8.0                               | 27180704  |
| Product description                      | SK Blue e cooling unit, wall-mounted, UL Type 3R/4, 1.60 kW, 400 V, 3~, 50 Hz, 460 V, 3~, 60 Hz, sheet steel, WHD: 405 x 1020 x 358 mm                                      |

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# Approvals

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

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