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**SK 3303.508**

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

State: 2026.4.5 (Source: [rittal.com/lt-en](http://rittal.com/lt-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3303.508 - 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 3303.508   |
| 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                                       |

# Features

|  |   |
|--|---|
| Total cooling output to DIN EN 14511           | Cooling output L35 L35/50 Hz: 0.44 kW<br>Cooling output L35 L35/60 Hz: 0.5 kW<br>Cooling output L35 L50/50 Hz: 0.23 kW<br>Cooling output L35 L50/60 Hz: 0.32 kW |
| Rated operating voltage                        | 230 V, 1~, 50 Hz/60 Hz  |
| Rated current max.                             | At 50 Hz: 2.6 A<br>At 60 Hz: 2.6 A  |
| Start-up current max.                          | At 50 Hz: 5.1 A<br>At 60 Hz: 6.4 A  |
| Air throughput (unimpeded air flow)            | External circuit: 315 m <sup>3</sup> /h<br>Internal circuit: 265 m <sup>3</sup> /h  |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.13<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.22  |
| Design   | wall-mounted  |
| Dimensions                                     | Width: 285 mm<br>Height: 620 mm<br>Depth: 298 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: 0.17 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.11 t                       |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)   |
| Operating temperature range                    | -20 °C...50 °C  |
| Operating temperature max @60 Hz               | 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  |

# Features

|  |  |
|--|--|
| Setting range                            | 20 °C...50 °C  |
| Power consumption Pel                    | Power consumption L35 L35/50 Hz: 0.35 kW<br>Power consumption L35 L35/60 Hz: 0.41 kW<br>Power consumption L35 L50/50 Hz: 0.45 kW<br>Power consumption L35 L50/60 Hz: 0.48 kW |
| Permissible operating pressure (p. max.) | 28 bar   |
| Pre-fuse                                 | Miniature circuit-breaker/fuse: 10 A   |
| Note on Model No.                        | without integral condensate evaporation  |
| Packs of                                 | 1 pc(s).   |
| Net weight                               | 28.5 kg  |
| Gross weight                             | 38.5 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, 0.44 kW, 230 V, 1~, 50/60 Hz, sheet steel, WHD: 285 x 620 x 298 mm   |

# Approvals

|              |   |
|--------------|---|
| Approvals    | C-UL<br>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 |