

Rittal – The System.

Faster – better – everywhere.



SK 3304.508

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

State: 04/04/2026 (Source: rittal.com/sg-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3304.508 - 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 3304.508 |
| 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 Blue e technology 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 Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation |

Features

| | |
|--|--|
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1.1 kW Cooling output L35 L35/60 Hz: 1.25 kW Cooling output L35 L50/50 Hz: 0.91 kW Cooling output L35 L50/60 Hz: 0.9 kW |
| Rated operating voltage | 230 V, 1~, 50 Hz/60 Hz |
| Rated current max. | At 50 Hz: 4.1 A At 60 Hz: 5.1 A |
| Start-up current max. | At 50 Hz: 12 A At 60 Hz: 14 A |
| Air throughput (unimpeded air flow) | External circuit: 805 m ³ /h Internal circuit: 600 m ³ /h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.67 Refrigeration factor L35 L35 (EER) 60 Hz: 1.52 |
| Design | wall-mounted |
| Dimensions | Width: 405 mm Height: 1,020 mm Depth: 358 mm |
| Protection category to IEC 60 529 | External circuit IP 34 Internal circuit IP 56 |
| Protection category NEMA | UL Type 3R UL Type 4 UL Type 12 |
| Refrigerant/cooling medium | Refrigerant: R-513A Quantity: 0.325 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ e): 0.21 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

| | |
|--|--|
| Power consumption Pel | Power consumption L35 L35/50 Hz: 0.66 kW Power consumption L35 L35/60 Hz: 0.82 kW Power consumption L35 L50/50 Hz: 0.77 kW Power consumption L35 L50/60 Hz: 0.89 kW |
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Miniature circuit-breaker/fuse: 10 A |
| Packs of | 1 pc(s). |
| Net weight | 55 kg |
| Gross weight | 60 kg |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK cooling unit Blue e, wall-mounted, UL Type 3R/4,, 1.1 kW, 230 V, 1~, 50/60 Hz,, Sheet steel,, WHD: 405 x 1020 x 358 mm, |

Approvals

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