

# Rittal – The System.

Faster – better – everywhere.



## SK 3305.544

# TopTherm wall-mounted cooling unit Blue e, NEMA 4X

State: 2/04/2026 (Source: [rittal.com/ie-en](http://rittal.com/ie-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3305.544 - TopTherm wall-mounted cooling unit

## Blue e, NEMA 4X 0.5 - 2.5 kW

Energy-efficient Blue e wall-mounted cooling units in power categories 500 W to 2,500 W with e-Comfort controller integrated as standard and electrical condensate evaporation. Protection category NEMA 4X.



## Features

|                     |   |
|---------------------|---|
| Model No.           | SK 3305.544   |
| 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 NEMA 4X.                       |
| 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            | Stainless steel 1.4404 (AISI 316L)  |
| Colour              | RAL 7001  |
| 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

|  |   |
|--|---|
| 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 55  |
| Protection category NEMA                       | NEMA 4X   |
| 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                    | 10 °C...55 °C   |
| Storage temperature range                      | -40 °C...70 °C  |
| Setting range                                  | 20 °C...50 °C   |
| 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 |

# Features

---

|  |   |
|--|---|
| Permissible operating pressure (p. max.) | 28 bar  |
| Pre-fuse                                 | Motor circuit-breaker: 6.3...10 A   |
| Packs of                                 | 1 pc(s).  |
| Net weight                               | 58 kg   |
| Gross weight                             | 63 kg   |
| Customs tariff number                    | 84158200  |
| ETIM 9                                   | EC000855  |
| ETIM 8                                   | EC000855  |
| ECLASS 8.0                               | 27180704  |
| Product description                      | SK cooling unit Blue e, wall-mounted, NEMA 4X, 1.6 kW, 400-460 V, 3~, 50/60 Hz, Stainless steel, WHD: 405 x 1020 x 358 mm |

---

# Approvals

---

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

---