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**SK 3329.508**

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

State: 2024.9.27 (Source: [rittal.com/lt-en](https://www.rittal.com/lt-en))

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FRIEDHELM LOH GROUP



# SK 3329.508 - 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 3329.508
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
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 2.55 kW Cooling output L35 L35/60 Hz: 2.71 kW Cooling output L35 L50/50 Hz: 1.8 kW Cooling output L35 L50/60 Hz: 1.8 kW

# Features

Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 7.9 A At 60 Hz: 9.3 A
Start-up current max.	At 50 Hz: 25 A At 60 Hz: 22 A
Air throughput (unimpeded air flow)	External circuit: 1,230 m <sup>3</sup> /h Internal circuit: 1,230 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.11 Refrigeration factor L35 L35 (EER) 60 Hz: 2.01
Design	wall-mounted
Dimensions	Width: 405 mm Height: 1,650 mm Depth: 388 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: R134a Quantity: 0.9 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 1.29 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
Power consumption Pel	Power consumption L35 L35/50 Hz: 1.21 kW Power consumption L35 L35/60 Hz: 1.35 kW Power consumption L35 L50/50 Hz: 1.41 kW Power consumption L35 L50/60 Hz: 1.64 kW

# Features

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Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Packs of	1 pc(s).
Weight/pack	83 kg
Net weight	95.5
Gross weight	97
Customs tariff number	84158200
EAN	4028177937093
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

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# Approvals

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

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# Tender text

3329508

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

Energy-efficient Blue e wall-mounted cooling units with e-Comfort controller integrated as standard, and electrical condensate evaporation (from 1000 W), hydrophobic RiNano coating on the condenser, protection category NEMA 3R/4/12.

Total cooling output L35 L35 50/60 Hz: 2,55 / 2,71 kW

Total cooling output L35 L50 50/60 Hz: 1,80 / 1,80 kW

Power consumption L35 L35 50/60 Hz: 1,21 / 1,35 kW

Power consumption L35 L50 50/60 Hz: 1,41 / 1,64 kW

Rated power input 50/60 Hz: 7,9 / 9,3 A

Rated operating voltage: 230 V, 1~, 50/60 Hz

Temperature control: e-Comfortcontroller (factory setting +35 °C)

Dimensions [WxHxD]: 405x1650x388 mm

Installation depth: 440 mm

Material: Sheet steel

Colour: RAL 7035

Refrigeration factor (EER) 50/60 Hz: 2,11 / 2,01

Refrigerant / Quantity: R134a / 900 g

Operating temperature range: -20 °C to 50 °C

Setting range: 20 °C to 50 °C

Bearing temperature range: -40 °C to 70 °C

Protection category IP to IEC 60 529: Internal circuit IP 56, external circuit IP 34

Weight: 83 kg

Note: Compressor cooling mode from +10 °C ambient temperature. Only the internal fan is active in the temperature range -20 °C to +10 °C.