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## SK 3304.544

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

State: 05/06/2023 (Source: [rittal.com/com-en](http://rittal.com/com-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3304.544 - 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 3304.544
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)
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: 1.1 kW Cooling output L35 L35/60 Hz: 1.26 kW Cooling output L35 L50/50 Hz: 0.98 kW Cooling output L35 L50/60 Hz: 1.09 kW
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz

# Features

Rated current max.	At 50 Hz: 2.2 A At 60 Hz: 2.1 A
Start-up current max.	At 50 Hz: 11.5 A At 60 Hz: 12.7 A
Air throughput (unimpeded air flow)	External circuit: 950 m <sup>3</sup> /h Internal circuit: 540 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.83 Refrigeration factor L35 L35 (EER) 60 Hz: 1.56
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 55
Protection category NEMA	NEMA 4X
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.325 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.46 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: 0.64 kW Power consumption L35 L35/60 Hz: 0.79 kW Power consumption L35 L50/50 Hz: 0.73 kW Power consumption L35 L50/60 Hz: 0.93 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packs of	1 pc(s).
Weight/pack	50 kg

# Features

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Copper weight (kg per piece)	0
Customs tariff number	84158200
EAN	4028177384330
ETIM 7.0	EC000855
ECLASS 8.0	27180704

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# Approvals

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Approvals	CSA UL + C-UL - FTTA UR + C-UR (recognized)
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Certificates	EAC
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Explanations	FCC Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK
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# Tender text

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

Total cooling output:

L 35 L 35 at 50 Hz: 1.1 kW

L 35 L 35 at 60 Hz: 1.25 kW

L 35 L 50 at 50 Hz: 0.98 kW

L 35 L 50 at 60 Hz: 0.91 kW

Power consumption:

L 35 L 35 at 50 Hz: 0.67 kW

L 35 L 35 at 60 Hz: 0.75 kW

L 35 L 50 at 50 Hz: 0.78 kW

L 35 L 50 at 60 Hz: 0.88 kW

Air throughput of fans unimpeded airflow external: 900  
m<sup>3</sup>/h

Air throughput of fans unimpeded airflow internal: 600  
m<sup>3</sup>/h

Energy efficiency ratio EER: 1.83

Rated operating voltage: 400-460 V, 50/60 Hz

Dimensions [W x H x D]: 405 x 1020 x 358 mm

Refrigerant: R134a

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

Ambient temperature range: 10°C to 50°C

Setting range: 20°C to 50°C

Protection category: NEMA 4X

Weight: 50 kg

Material: Stainless steel 1.4404 (AISI 316L)