

# Rittal – The System.

Faster – better – everywhere.



## SK 3328.544

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

State: 27.09.2024. (Source: [rittal.com/hr-hr](http://rittal.com/hr-hr))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3328.544 - 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 3328.544
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)
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: 2.05 kW Cooling output L35 L35/60 Hz: 2.25 kW Cooling output L35 L50/50 Hz: 1.6 kW Cooling output L35 L50/60 Hz: 1.8 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: 2.2 A
Start-up current max.	At 50 Hz: 4.8 A At 60 Hz: 5.5 A
Air throughput (unimpeded air flow)	External circuit: 900 m <sup>3</sup> /h Internal circuit: 900 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.25 Refrigeration factor L35 L35 (EER) 60 Hz: 1.95
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 55
Protection category NEMA	NEMA 4X
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	10 °C...50 °C
Storage temperature range	-40 °C...70 °C
Setting range	20 °C...50 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.92 kW Power consumption L35 L35/60 Hz: 1.15 kW Power consumption L35 L50/50 Hz: 1.15 kW Power consumption L35 L50/60 Hz: 1.3 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packs of	1 pc(s).
Weight/pack	81 kg

# Features

---

Net weight	91.5
Gross weight	95
Customs tariff number	84158200
EAN	4028177384491
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

# Approvals

---

Approvals	UL + C-UL (listed) UL + C-UL - FTFA UR + C-UR (recognized)
Certificates	EAC
Explanations	FCC Declaration of conformity Declaration of conformity UK

# Tender text

3328544

Wall-mounted cooling unit TopTherm 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 L35 L35 50/60 Hz: 2,05 / 2,25 kW

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

Power consumption L35 L35 50/60 Hz: 0,92 / 1,15 kW

Power consumption L35 L50 50/60 Hz: 1,15 / 1,3 kW

Rated power input 50/60 Hz: 2,2 / 2,2 A

Rated operating voltage: 400-460 V, 3~, 50/60 Hz

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

Dimensions [WxHxD]: 405x1650x388 mm

Material: Stainless steel 1.4404 (AISI 316L)

Refrigeration factor (EER) 50/60 Hz: 2,25

Refrigerant / Quantity: R134a / 900 g

Operating temperature range: 10 °C to 50 °C

Setting range: 20 °C to 50 °C

Protection category IP to IEC 60 529: Internal circuit IP 55, external  
circuit IP 34

Weight: 81 kg