

Rittal – The System.

Faster – better – everywhere.



SK 3304.504

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

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

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3304.504 - 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 3304.504
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: 1.25 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: 3.9 A At 60 Hz: 4.3 A

Features

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: 1.83 Refrigeration factor L35 L35 (EER) 60 Hz: 1.84
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 ₂ equivalent (CO ₂ 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: 0.68 kW Power consumption L35 L50/50 Hz: 0.71 kW Power consumption L35 L50/60 Hz: 0.81 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Miniature circuit-breaker/fuse: 10 A
Packs of	1 pc(s).
Weight/pack	49 kg
Copper weight (kg per piece)	0

Features

Customs tariff number	84158200
EAN	4028177384293
ETIM 7.0	EC000855
ECLASS 8.0	27180704

Approvals

Approvals	CSA UL + C-UL - FTTA UR + C-UR (recognized)
-----------	---

Certificates	EAC
--------------	-----

Explanations	FCC Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK
--------------	--

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: 0.91 kW

L 35 L 50 at 60 Hz: 0.9 kW

Power consumption:

L 35 L 35 at 50 Hz: 0.6 kW

L 35 L 35 at 60 Hz: 0.68 kW

L 35 L 50 at 50 Hz: 0.71 kW

L 35 L 50 at 60 Hz: 0.81 kW

Air throughput of fans unimpeded airflow external: 900
m³/h

Air throughput of fans unimpeded airflow internal: 600
m³/h

Energy efficiency ratio EER: 1.83

Rated operating voltage: 230 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: 49 kg

Material: Stainless steel 1.4404 (AISI 316L)