

Rittal – The System.

Faster – better – everywhere.



SK 3305.504

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

State: 14/05/2026 (Source: rittal.com/ie-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3305.504 - 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 3305.504
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 Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation

Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1.6 kW Cooling output L35 L35/60 Hz: 1.73 kW Cooling output L35 L50/50 Hz: 1.18 kW Cooling output L35 L50/60 Hz: 1.26 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 6.1 A At 60 Hz: 6.5 A
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: 585 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: 1.79
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: R-513A Quantity: 0.61 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ 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: 0.87 kW Power consumption L35 L35/60 Hz: 0.96 kW Power consumption L35 L50/50 Hz: 0.91 kW Power consumption L35 L50/60 Hz: 1 kW

Features

Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Packs of	1 pc(s).
Net weight	51 kg
Gross weight	56 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, 230 V, 1~, 50/60 Hz, Stainless steel, WHD: 405 x 1020 x 358 mm

Approvals

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