

Rittal – The System.

Faster – better – everywhere.



SK 3305.544

TopTherm Blue e Wall-Mounted Cooling Unit, NEMA 4X

State: 7/5/2024 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3305.544 - TopTherm Blue e Wall-Mounted Cooling Unit, NEMA 4X 1706.07 - 8530.36 BTU/h

Energy-efficient Blue e wall-mounted cooling units in power categories 1706.07 - 8530.36 BTU/h with e-Comfort controller integrated as standard and electrical condensate evaporation. Protection category NEMA 4X.



Features

Model No.	SK 3305.544
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 the Blue e IoT adapter for cooling units with an output of 500 W or higher and e-comfort controllers
Material	Stainless steel 1.4404 (AISI 316L)
Supply includes	Condenser with hydrophobic RiNano coating Wired ready for connection (plug-in terminal strip) Drilling template Fasteners 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: 1.61 kW Cooling output L35 L50/50 Hz: 1.33 kW Cooling output L35 L50/60 Hz: 1.35 kW Cooling output L35 L35/50 Hz: 5,459 BTU/h Cooling output L35 L35/60 Hz: 5,494 BTU/h Cooling output L35 L50/50 Hz: 4,538 BTU/h Cooling output L35 L50/60 Hz: 4,606 BTU/h
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Rated current max.	At 50 Hz: 2.5 A At 60 Hz: 2.8 A
Start-up current (max.)	At 50 Hz: 12.2 A At 60 Hz: 11.3 A
Air throughput (unimpeded air flow)	External circuit: 950 m ³ /h Internal circuit: 540 m ³ /h External circuit: 559.1 cfm Internal circuit: 317.8 cfm
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: 1.49
Version	wall-mounted
Dimensions	Width: 405 mm Height: 1,020 mm Depth: 358 mm Width: 15.9 " Height: 40.2 " Depth: 14.1 "
Protection category IP to EN 60529	External circuit, IP 34 Internal circuit IP 55
Protection category NEMA	NEMA 4X
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.5 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 0.72 t Refrigerant: R134a Quantity: 1.1 lb.

Features

Temperature control	e-Comfort Controller (factory setting +35 °C)
Operating temperature range	10 °C...55 °C 50 °F...131 °F
Storage temperature range	-40 °C...70 °C -40 °F...158 °F
Setting range	20 °C...50 °C 68 °F...122 °F
Rated power Pel	Rated power L35 L35/50 Hz: 0.9 kW Rated power L35 L35/60 Hz: 1.08 kW Rated power L35 L50/50 Hz: 1.06 kW Rated power L35 L50/60 Hz: 1.25 kW
Permissible operating pressure (p. max.)	28 bar 406.1 PSI
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packaging unit	1 pc(s).
Weight/packaging unit	52 kg 114.6 lb.
Customs tariff number	84158200
EAN	4028177384439
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

Approvals

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

Approvals

Explanations

FCC

Declaration of conformity

Declaration of conformity UK