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## SK 3304.544

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

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ENCLOSURES

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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
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: 1.1 kW Cooling output L35 L35/60 Hz: 1.25 kW Cooling output L35 L50/50 Hz: 0.98 kW Cooling output L35 L50/60 Hz: 0.9 kW
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
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: 1.72 Refrigeration factor L35 L35 (EER) 60 Hz: 1.58
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: 0.325 kg Global Warming Potential (GWP): 631 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.21 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: 0.9 kW

# Features

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Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packs of	1 pc(s).
Net weight	46,55 kg
Gross weight	61,5 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, 1.1 kW, 400-460 V, 3~, 50/60 Hz, Stainless steel, WHD: 405 x 1020 x 358 mm

# Approvals

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