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**SK 3304.548**

**TopTherm wall-mounted cooling  
unit Blue e, UL Type 3R/4**

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FRIEDHELM LOH GROUP



# SK 3304.548 - TopTherm wall-mounted cooling unit

## Blue e, UL Type 3R/4 0.5 - 2.5 kW

Energy-efficient Blue e wall-mounted cooling units in output categories 500 W to 2,500 W with integral e-Comfort controller and electric condensate evaporation (from 1000 W) as standard, protection category UL Type 3R/4, 12.



## Features

Model No.	SK 3304.548
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 UL Type 3R/4, 12.
Benefits	Suitable for outdoor siting Blue e technology 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	Sheet steel
Colour	RAL 7035
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: 1.15 kW Cooling output L35 L35/60 Hz: 1.3 kW Cooling output L35 L50/50 Hz: 0.95 kW Cooling output L35 L50/60 Hz: 1.11 kW

# Features

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: 1.53 Refrigeration factor L35 L35 (EER) 60 Hz: 1.67
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 56
Protection category NEMA	UL Type 3R UL Type 4 UL Type 12
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.325 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.46 t
Temperature control	e-Comfort controller (factory setting +35 °C)
Operating temperature range	-20 °C...50 °C
Operating temperature	Compressor cooling mode from +10 °C ambient temperature. Only the internal fan is active in the temperature range -20 °C to +10 °C.
Storage temperature range	-40 °C...70 °C
Setting range	20 °C...50 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.75 kW Power consumption L35 L35/60 Hz: 0.78 kW Power consumption L35 L50/50 Hz: 0.79 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).
Weight/pack	50 kg
Net weight	61
Gross weight	62
Customs tariff number	84158200
EAN	4028177943711
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

# Approvals

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

# Tender text

SK 3304.548

Wall-mounted cooling unit TopTherm Blue e, UL Type 3R/4

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 3R/4/12.

Total cooling output DIN EN 14511:

L35 L35 at 50/60 Hz: 1,15/1,3 kW

L35 L50 at 50/60 Hz: 0,95/1,11 kW

Power consumption:

L35 L35 at 50/60 Hz: 0,75/0,78 kW

L35 L50 at 50/60 Hz: 0,79/0,9 kW

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

Rated current (max.) at 50/60 Hz: 2,2/2,1 A

Energy efficiency ratio L35 L35

EER at 50/60 Hz: 1,53/1,67

Air throughput of fans (unimpeded air flow) internal circuit: 950 m<sup>3</sup>/h

Air throughput of fans (unimpeded air flow) external circuit: 540 m<sup>3</sup>/h

Dimensions WxHxD [mm]: 405 x 1020 x 358 (410 mm with electrical box)

Refrigerant: R134a

Refrigerant filling mass: 325 g

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

Operating temperature: -20°C to +50°C

Setting range set value: +20°C to +50°C

Storage temperature range: -40°C to +70°C

Protection category to IEC 60 529:

Internal circuit IP 34

External circuit IP 56 (interface to enclosure only)

Protection category Nema:

UL Type 3R, 4, 12

Weight: 50 kg

Material: Sheet steel

Colour: RAL 7035