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## SK 3305.508

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

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ENCLOSURES

POWER DISTRIBUTION

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3305.508 - 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 3305.508
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: 1.53 kW Cooling output L35 L35/60 Hz: 1.84 kW Cooling output L35 L50/50 Hz: 1.08 kW Cooling output L35 L50/60 Hz: 1.3 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz

# Features

Rated current max.	At 50 Hz: 5.5 A At 60 Hz: 5.8 A
Start-up current max.	At 50 Hz: 12 A At 60 Hz: 14 A
Air throughput (unimpeded air flow)	External circuit: 805 m <sup>3</sup> /h Internal circuit: 585 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.44 Refrigeration factor L35 L35 (EER) 60 Hz: 2.44
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: 0.5 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.72 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: 0.63 kW Power consumption L35 L35/60 Hz: 0.75 kW Power consumption L35 L50/50 Hz: 0.75 kW Power consumption L35 L50/60 Hz: 0.91 kW
Permissible operating pressure (p. max.)	28 bar

# Features

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Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Packs of	1 pc(s).
Weight/pack	51 kg
Customs tariff number	84158200
EAN	4028177943728
ETIM 7.0	EC000855
ECLASS 8.0	27180704

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# 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

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# Tender text

SK 3305.508

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: 1,53/1,84 kW

L35 L50 at 50/60 Hz: 1,08/1,3 kW

Power consumption:

L35 L35 at 50/60 Hz: 0,63/0,75 kW

L35 L50 at 50/60 Hz: 0,75/0,91 kW

Rated voltage: 230 V, 1~, 50/60 Hz

Rated current (max.) at 50/60 Hz: 5,5/5,8 A

Energy efficiency ratio L35 L35

EER at 50/60 Hz: 2,44/2,44

Air throughput of fans (unimpeded air flow) internal circuit: 805 m<sup>3</sup>/h

Air throughput of fans (unimpeded air flow) external circuit: 585 m<sup>3</sup>/h

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

Refrigerant: R134a

Refrigerant filling mass: 500 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: 51 kg

Material: Sheet steel

Colour: RAL 7035