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## SK 3303.500

# TopTherm wall-mounted cooling unit Blue e

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3303.500 - TopTherm wall-mounted cooling unit Blue e 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".



## Features

Model No.	SK 3303.500
Product description	Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).
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	Sheet steel
Colour	RAL 7035
Supply includes	RiNano-coated condenser Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 0.55 kW Cooling output L35 L35/60 Hz: 0.66 kW Cooling output L35 L50/50 Hz: 0.33 kW Cooling output L35 L50/60 Hz: 0.4 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz

# Features

Rated current max.	At 50 Hz: 2.6 A At 60 Hz: 2.6 A
Start-up current max.	At 50 Hz: 5.1 A At 60 Hz: 6.4 A
Air throughput (unimpeded air flow)	External circuit: 315 m <sup>3</sup> /h Internal circuit: 265 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.4 Refrigeration factor L35 L35 (EER) 60 Hz: 1.21
Design	wall-mounted
Dimensions	Width: 280 mm Height: 550 mm Depth: 210 mm
Protection category to IEC 60 529	External circuit IP 34 Internal circuit IP 54
Standard	UL Type 12
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.17 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.24 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...55 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.39 kW Power consumption L35 L35/60 Hz: 0.41 kW Power consumption L35 L50/50 Hz: 0.45 kW Power consumption L35 L50/60 Hz: 0.42 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Miniature circuit-breaker/fuse: 10 A
Packs of	1 pc(s).
Weight/pack	17 kg

# Features

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Copper weight (kg per piece)	0
Customs tariff number	84158200
EAN	4028177322844
ETIM 7.0	EC000855
ECLASS 8.0	27180704

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# Approvals

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Approvals	CSA UL + C-UL - FTTA UR + C-UR (recognized)
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Certificates	EAC
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Explanations	Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK
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# Tender text

TopTherm wall-mounted cooling unit Blue e  
Energy-efficient Blue e wall-mounted cooling units  
with e-comfort controller integrated as standard  
and RiNano coating on the condenser.

Total cooling output:

L 35 L 35 at 50 Hz: 0.55 kW

L 35 L 35 at 60 Hz: 0.66 kW

L 35 L 50 at 50 Hz: 0.33 kW

L 35 L 50 at 60 Hz: 0.4 kW

Power consumption:

L 35 L 35 at 50 Hz: 0.39 kW

L 35 L 35 at 60 Hz: 0.41 kW

L 35 L 50 at 50 Hz: 0.45 kW

L 35 L 50 at 60 Hz: 0.42 kW

Air throughput of fans unimpeded airflow external: 315  
m<sup>3</sup>/h

Air throughput of fans unimpeded airflow internal: 265  
m<sup>3</sup>/h

Energy efficiency ratio EER: 1.4

Rated operating voltage: 230 V, 50/60 Hz

Dimensions [W x H x D]: 280 x 550 x 140 mm

Refrigerant: R134a

Temperature control and monitoring via Comfort  
controller with two floating fault signal outlets and  
door limit switch connection (factory setting +35°C)

Ambient temperature range: 10°C to 55°C

Setting range: 20°C to 55°C

Connection via plug-in terminal strip

Protection category to IEC 60 529: External circuit IP  
34

Protection category to IEC 60 529: Internal circuit IP  
54

Weight: 17 kg

Material: Sheet steel

Colour: RAL 7035