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## SK 3383.510

# TopTherm Blue e roof-mounted cooling unit

State: 03/07/2023 (Source: [rittal.com/com-en](http://rittal.com/com-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3383.510 - TopTherm Blue e roof-mounted cooling unit

## Total cooling output 0.50 - 4.00 kW

Energy-efficient Blue e roof-mounted cooling units in output categories from 500 W to 4,000 W with e-Comfort controller integrated as standard and electrical condensate evaporation.

## Features

Model No.	SK 3383.510
Product description	Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller and electric condensate evaporation as standard.
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	Condenser with hydrophobic RiNano coating Integral electric condensate evaporation 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: 1 kW Cooling output L35 L35/60 Hz: 1.09 kW Cooling output L35 L50/50 Hz: 0.71 kW Cooling output L35 L50/60 Hz: 0.81 kW
Rated operating voltage	115 V, 1~, 50 Hz/60 Hz
Note	The roof-mounted cooling unit 3273.500 is also suitable for office applications, thanks to its low noise level.
Rated current max.	At 50 Hz: 6.2 A At 60 Hz: 8.4 A
Start-up current max.	At 50 Hz: 14.4 A At 60 Hz: 15.8 A

# Features

Air throughput (unimpeded air flow)	External circuit: 1,600 m <sup>3</sup> /h Internal circuit: 491 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.58 Refrigeration factor L35 L35 (EER) 60 Hz: 2.28
Design	roof-mounted
Dimensions	Width: 597 mm Height: 417 mm Depth: 475 mm
Protection category to IEC 60 529	External circuit IP 34 Internal circuit IP 54
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.65 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.93 t
Type of electrical connection	Plug-in terminal strip
Duty cycle	100 %
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: 0.38 kW Power consumption L35 L35/60 Hz: 0.45 kW Power consumption L35 L50/50 Hz: 0.43 kW Power consumption L35 L50/60 Hz: 0.54 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Transformer circuit-breaker: 11...16 A
Packs of	1 pc(s).
Weight/pack	46 kg
Copper weight (kg per piece)	0
Customs tariff number	84158200

# Features

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EAN	4028177323209
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

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Roof-mounted cooling unit TopTherm Blue e

Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller, hydrophobic RiNano coating on the condenser and e condensate evaporation as standard.

Total cooling output L35 L35 50/60 Hz: 1,0 / 1,09 kW

Total cooling output L35 L50 50/60 Hz: 0,71 / 0,81 kW

Power consumption L35 L35 50/60 Hz:

Power consumption L35 L50 50/60 Hz:

Rated power input 50/60 Hz: 6,2 / 8,4 A

Rated operating voltage: 115 V, 1~, 50/60 Hz

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

Dimensions [WxHxD]: 597x417x475 mm

Material: Sheet steel

Colour: RAL 7035

Refrigeration factor (EER) 50/60 Hz: 2,58 / 2,28

Refrigerant / Quantity: R134a / 650 g

Operating temperature range: 10 °C to 55 °C

Setting range: 20 °C to 55 °C

Protection category IP to IEC 60 529: Internal circuit IP 54, external circuit IP 34

Weight: 46 kg