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SK 3359.540

**TopTherm Blue e roof-mounted
cooling unit**

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FRIEDHELM LOH GROUP



SK 3359.540 - 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 3359.540
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: 0.77 kW Cooling output L35 L35/60 Hz: 0.79 kW Cooling output L35 L50/50 Hz: 0.52 kW Cooling output L35 L50/60 Hz: 0.47 kW
Rated operating voltage	400 V, 2~, 50 Hz/60 Hz 400 V AC
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: 1.6 A At 60 Hz: 2.1 A
Start-up current max.	At 50 Hz: 5.4 A At 60 Hz: 5.2 A

Features

Air throughput (unimpeded air flow)	External circuit: 800 m ³ /h Internal circuit: 585 m ³ /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.28 Refrigeration factor L35 L35 (EER) 60 Hz: 1.82
Design	roof-mounted
Dimensions	Width: 597 mm Height: 417 mm Depth: 380 mm
Protection category to IEC 60 529	External circuit IP 34 Internal circuit IP 54
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.4 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 0.57 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: 0.33 kW Power consumption L35 L35/60 Hz: 0.43 kW Power consumption L35 L50/50 Hz: 0.49 kW Power consumption L35 L50/60 Hz: 0.42 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Transformer circuit-breaker: 6.3...10 A
Packs of	1 pc(s).
Weight/pack	37 kg
Copper weight (kg per piece)	0
Customs tariff number	84158200

Features

EAN	4028177433717
ETIM 7.0	EC000855
ECLASS 8.0	27180704

Approvals

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

Tender text

3359540

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: 0,77 / 0,79 kW

Total cooling output L35 L50 50/60 Hz: 0,52 / 0,47 kW

Power consumption L35 L35 50/60 Hz: 0,33 / 0,43 kW

Power consumption L35 L50 50/60 Hz: 0,49 / 0,42 kW

Rated power input 50/60 Hz: 1,6 / 2,1 A

Rated operating voltage: 400 V, 2~, 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: 2,28 / 1,82

Refrigerant / Quantity: R134a / 400 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: 37 kg