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SK 3273.500

TopTherm Blue e roof-mounted cooling unit

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

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SK 3273.500 - 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 3273.500
Design	roof-mounted
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
Product modification	The unit will be available with R134a refrigerant until 31 December 2026. From 1 January 2025, the unit will no longer meet the GWP requirements for the US market. As an alternative, we recommend the use of a Blue e+ cooling unit.
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: 1.1 kW Cooling output L35 L35/60 Hz: 1.2 kW Cooling output L35 L50/50 Hz: 0.85 kW Cooling output L35 L50/60 Hz: 0.87 kW
Rated operating voltage	230 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.

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Features

Rated current max.	At 50 Hz: 5.2 A At 60 Hz: 5.4 A
Start-up current max.	At 50 Hz: 15.5 A At 60 Hz: 16.5 A
Air throughput (unimpeded air flow)	External circuit: 1,760 m³/h Internal circuit: 440 m³/h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.12 Refrigeration factor L35 L35 (EER) 60 Hz: 2.23
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: 0.7 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 1 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
Operating temperature max @60 Hz	50 °C
Storage temperature range	-40 °C...70 °C
Setting range	20 °C...55 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.51 kW Power consumption L35 L35/60 Hz: 0.53 kW Power consumption L35 L50/50 Hz: 0.59 kW Power consumption L35 L50/60 Hz: 0.73 kW
Permissible operating pressure (p. max.)	28 bar

Features

Noise level	At 50 Hz: 51 dB(A)
Pre-fuse	Miniature circuit-breaker/fuse: 10 A
Packs of	1 pc(s).
Net weight	47.5 kg
Gross weight	50 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704
Product description	SK cooling unit Blue e, roof-mounted, 1.1 kW, 230 V, 1~, 50/60 Hz, Sheet steel, WHD: 597 x 417 x 475 mm

Approvals

Explanations	Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK

Tender text

3273500
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: 1,1 / 1,2 kW
Total cooling output L35 L50 50/60 Hz: 0,85 / 0,87 kW
Power consumption L35 L35 50/60 Hz: 0,51 / 0,53 kW
Power consumption L35 L50 50/60 Hz: 0,59 / 0,73 kW
Rated power input 50/60 Hz: 5,2 / 5,4 A
Rated operating voltage: 230 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: 2,12 / 2,23
Refrigerant / Quantity: R134a / 700 g
Operating temperature range: 10 °C to 50 °C
Setting range: 20 °C to 55 °C
Protection category IP to IEC 60 529: Internal circuit IP 54, external circuit IP 34
Weight: 42 kg
Noise level 50 Hz: 51 dB(A)
The roof-mounted cooling unit 3273.500 is also suitable for office applications, thanks to its low noise level.

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