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TopTherm Blue e roof-mounted cooling unit Total cooling output 0.50 - 4.00 kW – SK 3383.510

Date : Apr 26, 2021

ENCLOSURES POWER DISTRIBUTION CLIMATE CONTROL IT INFRASTRUCTURE SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

TopTherm Blue e roof-mounted cooling unit Total cooling output 0.50 - 4.00 kW – SK 3383.510

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Product description

Description:	Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller, RiNano coating on the condenser and electric condensate evaporation as standard.
Benefits:	May be linked to the IoT interface via the Blue e IoT adaptor
Material:	Sheet steel
Colour:	RAL 7035
Protection category IP to IEC 60 529:	External circuit IP 34 Internal circuit IP 54
Supply includes:	Nano-coated condenser Integral electric condensate evaporation Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts
Note:	The roof-mounted cooling unit 3273.500 is also suitable for office applications, thanks to its low noise level.

Product description

Variant:	roof-mounted
Total cooling output to DIN EN 14511:	L 35 L 35 at 50 Hz: 1 kW L 35 L 35 at 60 Hz: 1.09 kW L 35 L 50 at 50 Hz: 0.71 kW L 35 L 50 at 60 Hz: 0.81 kW

Air throughput (unimpeded air flow):	External circuit: 1600 m³/h Internal circuit: 491 m³/h
Rated operating voltage:	115 V, 1~, 50 Hz/60 Hz
Dimensions:	Width: 597 mm Height: 417 mm Depth: 475 mm
Temperature control:	e-Comfort controller (factory setting +35 °C)
Temperature range:	Bearing: -40 °C...+70 °C Operation (environment): +10 °C...+55 °C Setting range: +20 °C...+55 °C
Refrigerant/cooling medium:	Refrigerant: R134a Quantity: 0.65 kg Global Warming Potential (GWP): 1430 CO_2 equivalent (CO_2e): 0.93 t
Type of electrical connection:	Plug-in terminal strip
Duty cycle:	100 %
Power consumption P_{el}:	L 35 L 35 at 50 Hz: 0.38 kW L 35 L 35 at 60 Hz: 0.45 kW L 35 L 50 at 50 Hz: 0.43 kW L 35 L 50 at 60 Hz: 0.54 kW
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
Pre-fuse:	Transformer circuit-breaker: 11 A...16 A
Permissible operating pressure (p. max.):	28 bar
eCl@ss 8.0/8.1:	27180704
Energy efficiency ratio (EER) 50/60 Hz L35 L35:	2,58 / 2,28
Packs of:	1 pc(s).
Weight/pack:	46 kg
EAN:	4028177323209

Customs tariff number:	84158200
ETIM 7.0:	EC000855
ETIM 6.0:	EC000855
eCl@ss 8.0/8.1:	27180704
eCl@ss 6.0/6.1:	27180704
Product description:	SK cooling unit Blue e, roof-mounted, 1 kW, 115 V, 1~, 50/60 Hz, Sheet steel, WHD: 597 x 417 x 475 mm

Approvals

Approvals:	Approval overview CSA UL + C-UL - FTTA UR + C-UR
Certificates:	EAC
Declarations:	Declaration of conformity Declaration of conformity - F-gas regulation