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SK 3305.518

TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4

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FRIEDHELM LOH GROUP

SK 3305.518 - TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4 0.5 - 2.5 kW

Energy-efficient Blue e wall-mounted cooling units in output categories 500 W to 2,500 W with integral e-Comfort controller and electric condensate evaporation (from 1000 W) as standard, protection category UL Type 3R/4, 12.





Features

Model No.	SK 3305.518
Design	wall-mounted
Product description	Energy-efficient Blue e wall-mounted cooling units with integral e-Comfort controller and electric condensate evaporation as standard. Protection category UL Type 3R/4, 12.
Benefits	Suitable for outdoor siting Blue e technology 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 Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation

Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1.6 kW Cooling output L35 L35/60 Hz: 1.73 kW Cooling output L35 L50/50 Hz: 1.18 kW Cooling output L35 L50/60 Hz: 1.26 kW
Rated operating voltage	115 V, 1~, 50 Hz/60 Hz
Rated current max.	At 50 Hz: 11.5 A At 60 Hz: 12.5 A
Start-up current max.	At 50 Hz: 26 A At 60 Hz: 28 A
Air throughput (unimpeded air flow)	External circuit: 805 m³/h Internal circuit: 585 m³/h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.83 Refrigeration factor L35 L35 (EER) 60 Hz: 1.79
Design	wall-mounted
Dimensions	Width: 405 mm Height: 1,020 mm Depth: 358 mm
Protection category to IEC 60 529	External circuit IP 34 Internal circuit IP 56
Protection category NEMA	UL Type 3R UL Type 4 UL Type 12
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.61 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.38 t
Temperature control	e-Comfort controller (factory setting +35 °C)
Operating temperature range	-20 °C...50 °C
Operating temperature	Compressor cooling mode from +10 °C ambient temperature. Only the internal fan is active in the temperature range -20 °C to +10 °C.
Storage temperature range	-40 °C...70 °C
Setting range	20 °C...50 °C

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Features

Power consumption Pel	Power consumption L35 L35/50 Hz: 0.87 kW Power consumption L35 L35/60 Hz: 0.96 kW Power consumption L35 L50/50 Hz: 0.91 kW Power consumption L35 L50/60 Hz: 1 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Transformer circuit-breaker: 14...20 A
Packs of	1 pc(s).
Net weight	69 kg
Gross weight	70 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, wall-mounted, UL Type 3R/4, 1.60 kW, 115 V, 1~, 50/60 Hz, sheet steel, WHD: 405 x 1020 x 358 mm

Approvals

Approvals	UL + C-UL (listed) UL + C-UL - FTTA
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK

Tender text

TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4
Energy-efficient Blue e wall-mounted cooling units
with integral e-Comfort controller and electric condensate
evaporation as standard. Protection category UL Type 3R/4, 12.
Benefits :
Suitable for outdoor siting, Blue e technology
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
Fully wired ready for connection (plug-in terminal strip)
Drilling template
Assembly parts
Integral electric condensate evaporation
Total cooling output to DIN EN 14511
Cooling output L35 L35/50 Hz: 1.6 kW
Cooling output L35 L35/60 Hz: 1.73 kW
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Refrigeration factor L35 L35 (EER) 50 Hz: 1.83
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Design
wall-mounted
Dimensions
Width: 405 mm
Height: 1,020 mm
Depth: 358 mm
Protection category to IEC 60 529
External circuit IP 34
Internal circuit IP 56
Protection category NEMA
UL Type 3R

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UL Type 4
UL Type 12
Refrigerant/cooling medium
Refrigerant: R-513A
Quantity: 0.61 kg
Global Warming Potential (GWP): 631
CO_2 equivalent (CO_2e): 0.38 t
Temperature control
e-Comfort controller (factory setting +35 °C)
Operating temperature range
-20 °C...50 °C
Storage temperature range
-40 °C...70 °C
Setting range
20 °C...50 °C
Net weight
69 kg