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SK 3332.540

Wall-Mounted Cooling Unit TopTherm Blue e

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FRIEDHELM LOH GROUP

SK 3332.540 - Wall-Mounted Cooling Unit TopTherm Blue e 1023.64 - 13,648.6 BTU/h

Energy efficient Blue e wall mounting cooling units in performance classes 1023.64 to 13648.57 BTU/h, and with integrated electrical condensation evaporation for 3412.14 BTU/h and above. Available in the special formats “horizontal” and “flat”.

Features

Model No.	SK 3332.540
Version	wall-mounted
Product description	Energy efficient Blue e wall-mounted cooling units in performance classes 300 W to 4000 W and with integrated electrical condensation evaporation for 1000 W and above.
Benefits	May be linked to the IoT interface via the Blue e IoT adapter for cooling units with an output of 500 W or higher and e-comfort controllers
Product changes	This cooling unit is available with the refrigerant R134a until December 31, 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	Carbon steel
Color	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Wired ready for connection (plug-in terminal strip) Drilling template Fasteners Integral electric condensate evaporation

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Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 3.95 kW Cooling output L35 L35/60 Hz: 4.35 kW Cooling output L35 L50/50 Hz: 3.02 kW Cooling output L35 L50/60 Hz: 3.52 kW Cooling output L35 L35/50 Hz: 13,478 BTU/h Cooling output L35 L35/60 Hz: 14,843 BTU/h Cooling output L35 L50/50 Hz: 10,305 BTU/h Cooling output L35 L50/60 Hz: 12,011 BTU/h
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Note on Model No.:	Full internal mounting not possible
Rated current max.	At 50 Hz: 4.2 A At 60 Hz: 4.2 A
Start-up current (max.)	At 50 Hz: 9.2 A At 60 Hz: 11 A
Air throughput (unimpeded air flow)	External circuit: 2,000 m³/h Internal circuit: 1,500 m³/h External circuit: 1,177.2 cfm Internal circuit: 882.9 cfm
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.47 Refrigeration factor L35 L35 (EER) 60 Hz: 2.18
Version	wall-mounted
Dimensions	Width: 500 mm Height: 1,580 mm Depth: 340 mm Width: 19.7 ″ Height: 62.2 ″ Depth: 13.4 ″
Protection category IP to EN 60 529	External circuit, IP 34 Internal circuit, IP 54
Protection category NEMA	UL Type 12

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Features

Refrigerant/cooling medium	Refrigerant: R134a Quantity: 2.995 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 4.28 t Refrigerant: R134a Quantity: 6.6 lb.
Temperature control	e-Comfort Controller (factory setting +35 °C)
Operating temperature range	10 °C...55 °C 50 °F...131 °F
Storage temperature range	-40 °C...70 °C -40 °F...158 °F
Setting range	20 °C...55 °C 68 °F...131 °F
Rated power Pel	Rated power L35 L35/50 Hz: 1.6 kW Rated power L35 L35/60 Hz: 2 kW Rated power L35 L50/50 Hz: 1.87 kW Rated power L35 L50/60 Hz: 2.34 kW
Permissible operating pressure (p. max.)	28 bar 406.1 PSI
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packaging unit	1 pc(s).
Net weight	94.5 kg
Gross weight	104 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, 13478 BTU/h, 400-460 V, 3~, 50/60 Hz, carbon steel, WHD: 500 x 1580 x 340 mm

Approvals

Approvals	30 - KC Korea UL + C-UL - FTTA UR + C-UR (recognized)
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK