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SK 3189.340

Wall-mounted cooling unit Blue e+ outdoor

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SK 3189.340 - Wall-mounted cooling unit Blue e+ outdoor 1.5 kW – 5.0 kW

Energy-efficient Blue e+ outdoor wall-mounted cooling units in output categories ranging from 1500 W to 5000 W. With their high protection category of IP 56 / UL type 12/3R/4 and a temperature range of -30 °C to 60 °C, they provide optimum protection in challenging environments. The cooling unit can be mounted in three different ways (external mounting, partial internal mounting and full internal mounting), for example on Toptec project solutions.



Features

Model No.	SK 3189.340
Design	wall-mounted Outdoor
Product description	The energy-efficient wall-mounted cooling unit Blue e+ Outdoor can be used worldwide, thanks to its multi-voltage capability, and is suitable for use with Toptec project solutions, for example.
Benefits	Average 75% energy savings thanks to speed-regulated components and heat pipe technology Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling Intuitive operation due to touch display and intelligent interfaces
Product modification	The cover for the connection box to protect the electrical connection to the cooling unit has not been included with the supply since the start of 2024. Covers 3355.200 and 3355.210 can be ordered as optional accessories.
Material	Aluminium AlMg3
Surface finish	Powder-coated UV-resistant pure polyester

Features

Colour	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Integral electric condensate evaporation Fully wired ready for connection (plug-in terminal strip) Mounting frame for universal attachment to outdoor enclosures for external, partial internal and full internal mounting. Assembly parts
Options	For remote monitoring and networking of cooling units and chillers in the Blue e+ generation, please use the IoT interface (Model No. 3124.300). Increase machine availability and process reliability with remote monitoring of device data, statuses and system messages.
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 4.9 kW Cooling output L35 L35/60 Hz: 4.9 kW Cooling output L35 L50/50 Hz: 3.52 kW Cooling output L35 L50/60 Hz: 3.52 kW
Rated operating voltage	380 V - 480 V, 3~, 50 Hz/60 Hz
Note	By downloading the software, a contract is concluded between the contractual partner and Rittal for the free use of the software in accordance with these licence conditions. To protect the Blue e+ cooling units, a suitable overvoltage protection must be provided: - Operating voltage < 460 V (3~): Uc 275 V, Imax 40 kA, In 20 kA, Up 1.5 kV. - Operating voltage > 460 V (3~): Uc 385 V, Imax 40 kA, In 20 kA, Up 1.5 kV.
Note on Model No.	Tolerance: 380 V -10% (342 V) and 480 V +6% (509 V)
Rated power input	2.35 kW
Power consumption Pel	Power consumption L35 L35/50 Hz: 2.35 kW Power consumption L35 L35/60 Hz: 2.35 kW Power consumption L35 L50/50 Hz: 2.35 kW Power consumption L35 L50/60 Hz: 2.35 kW
Temperature control	e+ controller (factory setting +35 °C)
Dimensions	Width: 465 mm Height: 1,640 mm Depth: 360 mm

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Features

Enclosure dimensions including sealing frame and designer cover	Width: 517 mm Height: 1,692 mm Depth: 360 mm
Installation type	Universal installation (external mounting, partial internal mounting, full internal mounting)
IP protection category to IEC 60 529	with mounting frame: internal circuit IP56 without mounting frame: internal circuit IP 54
Protection category NEMA	with mounting frame: UL Type 12/3R/4 without mounting frame: UL Type 12/3R
Air throughput (unimpeded air flow)	External circuit: 2,300 m³/h Internal circuit: 2,300 m³/h
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 1.8 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 1.14 t
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.09 Refrigeration factor L35 L35 (EER) 60 Hz: 2.09
To fit	Enclosure type: Toptec Width: ≥ 800 mm Height: ≥ 1,800 mm
To fit Model No.	9782.828 9783.888
Setting range	20 °C...50 °C
Operating temperature range	-30 °C...60 °C
Operating temperature range of refrigerant circuit (active)	3 °C...60 °C
Heat pipe operating temperature range	-30 °C...45 °C
Storage temperature range	-40 °C...70 °C
Permissible operating pressure (p. max.)	2.4
Noise level	71 dB(A)

Features

Packs of	1 pc(s).
Net weight	72.8 kg
Gross weight	89 kg
PCF per pack (cradle-to-gate)	1,340.61
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, Outdoor, 4.9 kW, 380-480 V, 3~, 50-60 Hz, aluminium, WHD: 465 x 1640 x 360 mm

Approvals

Approvals	IEC CB UL + C-UL (listed)
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK PCF-declaration

Tender text

Blue e+ wall-mounted (Outdoor) cooling units with tried-and-tested Blue e+ technology are the world's most energy-efficient cooling units. This means they reduce the carbon footprint of your machines and systems.
Benefits :
Average 75% energy savings thanks to speed-regulated components and heat pipe technology
Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling
Intuitive operation due to touch display and intelligent interfaces
Cooling output L35 L35/50 Hz: 4.9 kW
Cooling output L35 L35/60 Hz: 4.9 kW
Cooling output L35 L50/50 Hz: 3.52 kW
Cooling output L35 L50/60 Hz: 3.52 kW
380 V - 480 V, 3~, 50 Hz/60 Hz
Temperature control: e+ controller (factory setting +35 °C)
Dimensions [WxHxD]: 465 x 1640 x 360 mm
Enclosure dimensions including sealing frame and designer cover: [WxHxD] : 517 X 1,692 X 360 mm
Material : Aluminium AlMg3
Powder-coated UV-resistant pure polyester, RAL 7035
Refrigeration factor L35 L35 (EER) 50/ 60 Hz: 2.09
Refrigerant / Quantity:Refrigerant: R-513A, Quantity: 1.8 kg
Operating temperature range: -30 °C...60 °C
Setting range: 20 °C to 50 °C
Storage temperature range: -40 °C to 70 °C
Protection category IP to IEC 60 529 :
with mounting frame: internal circuit IP56
without mounting frame: internal circuit IP 54
Protection category NEMA :
with mounting frame: UL Type 12/3R/4
without mounting frame: UL Type 12/3R
Weight:72.8 kg
Supply includes : Integral electric condensate evaporation

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