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SK 3185.330

Wall-mounted air conditioner Blue e + Outdoor

State: 7/23/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3185.330 - Wall-mounted air conditioner Blue e + Outdoor 5118.21 - 17060.71 BTU/h

Energy-efficient wall-mounted cooling units Blue e+ Outdoor in the power classes 5118.21 to 17060.71 BTU/h . They offer optimum protection for demanding environments thanks to the high protection category of IP56 / UL Type 12/3R/4 and the temperature range of -30 °C to 60 °C. The cooling unit can be mounted in three mounting types (surface mounting, partially internal installation and fully internal installation), for example on Toptec project solutions.



Features

Model No.	SK 3185.330
Version	wall-mounted Outdoor
Product description	The energy-efficient wall-mounted air conditioner Blue e + Outdoor can be used worldwide due to multi-voltage capability, and is suitable for use with Toptec project solutions, for example.
Benefits	An average of 75% energy savings due 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 changes	The cover for the connection box for protection for the electrical connection on the cooling unit has not been included in the delivery scope since the start of 2024. Cover 3355.200 and cover 3355.210 can be ordered as an optional accessory.
Material	Aluminum AlMg3
Surface finish	Powder-coated UV-resistant pure polyester

Features

Color	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Integral electric condensate evaporation Wired ready for connection (plug-in terminal strip) Mounting frame for universal attachment to outdoor enclosures for surface mounting, partially internal installation and fully internal installation Assembly components
Options	For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300. Increase machine availability and process safety by remote monitoring of device data, condition, and system messages.
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1.5 kW Cooling output L35 L35/60 Hz: 1.5 kW Cooling output L35 L50/50 Hz: 1.13 kW Cooling output L35 L50/60 Hz: 1.13 kW Cooling output L35 L35/50 Hz: 5,118 BTU/h Cooling output L35 L35/60 Hz: 5,118 BTU/h Cooling output L35 L50/50 Hz: 3,856 BTU/h Cooling output L35 L50/60 Hz: 3,856 BTU/h
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz
Note	When the software is downloaded, a contract is concluded between the contractual partner and Rittal for the free use of the software in accordance with these license conditions. To protect the Blue e+ cooling units, a suitable overvoltage protection must be provided: - Operating voltage < 460 V (3~): Uc 275 V, I_{max} 40 kA, I_n 20 kA, U_p 1.5 kV. - Operating voltage > 460 V (3~): Uc 385 V, I_{max} 40 kA, I_n 20 kA, U_p 1.5 kV.
Note on Model No.:	Tolerance: 110 V -10% (99 V) and 240 V +10% (264 V) / 380 V -10% (342 V) and 480 V +6% (509 V)
Rated output	0.7 kW
Rated power Pel	Rated power L35 L35/50 Hz: 0.57 kW Rated power L35 L35/60 Hz: 0.57 kW Rated power L35 L50/50 Hz: 0.64 kW Rated power L35 L50/60 Hz: 0.64 kW

Features

Temperature control	e+ controller (factory setting +35 °C)
Dimensions	Width: 415 mm Height: 990 mm Depth: 280 mm Width: 16.3 " Height: 39 " Depth: 11 "
Enclosure dimensions including sealing frame and designer cover	Width: 467 mm Height: 1,042 mm Depth: 280 mm
Installation type	Universal installation (surface-mounting, partial internal installation and full internal installation)
Protection category IP to IEC 60 529	with mounting frame: Internal circuit IP56 without mounting frame: Internal circuit IP54
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: 895 m³/h Internal circuit: 700 m³/h External circuit: 526.8 cfm Internal circuit: 412 cfm
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.76 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.48 t Refrigerant: R-513A Quantity: 1.7 lb.
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.61 Refrigeration factor L35 L35 (EER) 60 Hz: 2.61
Suitable for	Enclosure type: Toptec Width: ≥ 600 mm Height: ≥ 1,200 mm Enclosure type: Toptec Width: ≥ 23.6 " Height: ≥ 47.2 "

Features

Suitable for Model No.	9782.818 9782.866 9782.868 9782.888
Setting range	20 °C...50 °C 68 °F...122 °F
Operating temperature range	-30 °C...60 °C -22 °F...140 °F
Operating temperature range of refrigerant circuit (active)	3 °C...60 °C
Operating temperature range of heat pipe	-30 °C...45 °C
Storage temperature range	-40 °C...70 °C -40 °F...158 °F
Permissible operating pressure (p. max.)	2.4
Noise pressure level	67 dB(A)
Packaging unit	1 pc(s).
Net weight	36 kg
Gross weight	48 kg
PCF/VE (cradle-to-gate)	674.84
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704
Product description	SK Blue e+ cooling unit, wall-mounted, outdoor, 5118 BTU/h 110 – 240 V, 1~, 380 – 480 V, 3~, 50 – 60 Hz, aluminum, WHD: 400 x 950 x 310 mm

Approvals

Approvals

30 - KC Korea
UL + C-UL (listed)
UL + C-UL - FTTA

Explanations

Declaration of conformity
Declaration of conformity - F-gas regulation
Declaration of conformity UK
PCF-declaration