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## SK 3489.340

# Wall-mounted air conditioner Blue e + Outdoor

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3489.340 - 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 3489.340
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	<p>Condenser with hydrophobic RiNano coating</p> <p>Integral electric condensate evaporation</p> <p>Wired ready for connection (plug-in terminal strip)</p> <p>Mounting frame for universal attachment to outdoor enclosures for surface mounting, partially internal installation and fully internal installation</p> <p>Assembly components</p>
Options	<p>For remote monitoring and networking of cooling units and chillers, use the Blue e+ Generation IoT Interface, item number 3124.300.</p> <p>Increase machine availability and process safety by remote monitoring of device data, condition, and system messages.</p>
Total cooling output to DIN EN 14511	<p>Cooling output L35 L35/50 Hz: 4.55 kW</p> <p>Cooling output L35 L35/60 Hz: 4.55 kW</p> <p>Cooling output L35 L50/50 Hz: 2.85 kW</p> <p>Cooling output L35 L50/60 Hz: 2.85 kW</p> <p>Cooling output L35 L35/50 Hz: 15,525 BTU/h</p> <p>Cooling output L35 L35/60 Hz: 15,525 BTU/h</p> <p>Cooling output L35 L50/50 Hz: 9,725 BTU/h</p> <p>Cooling output L35 L50/60 Hz: 9,725 BTU/h</p>
Rated operating voltage	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.
Note on Model No.:	Tolerance: 380 V -10% (342 V) and 480 V +5% (509 V)
Rated output	2.35 kW
Rated power Pel	<p>Rated power L35 L35/50 Hz: 2.35 kW</p> <p>Rated power L35 L35/60 Hz: 2.35 kW</p> <p>Rated power L35 L50/50 Hz: 1.7 kW</p> <p>Rated power L35 L50/60 Hz: 1.7 kW</p>
Temperature control	e+ controller (factory setting +35 °C)

# Features

Dimensions	Width: 465 mm Height: 1,640 mm Depth: 360 mm Width: 18.3 " Height: 64.6 " Depth: 14.2 "
Enclosure dimensions including sealing frame and designer cover	Width: 517 mm Height: 1,692 mm Depth: 360 mm
Installation type	Universal installation (surface-mounting, partial internal installation and full internal installation)
Protection category IP to IEC 60529	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: 2,300 m <sup>3</sup> /h Internal circuit: 2,300 m <sup>3</sup> /h External circuit: 1,353.7 cfm Internal circuit: 1,353.7 cfm
Refrigerant/cooling medium	Refrigerant: R-1234yf Quantity: 1.76 kg Refrigerant quantity in compression system: 1.04 kg Refrigerant quantity in heat pipe system: 0.72 kg Global Warming Potential (GWP): 0.5 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0 t Refrigerant: R-1234yf Quantity: 3.9 lb.
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.94 Refrigeration factor L35 L35 (EER) 60 Hz: 1.94
Suitable for	Enclosure type: Toptec Width: ≥ 800 mm Height: ≥ 1,800 mm Enclosure type: Toptec Width: ≥ 31.5 " Height: ≥ 70.9 "

# Features

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Suitable for Model No.	9782.828 9783.888
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	71 dB(A)
Packaging unit	1 pc(s).
Net weight	85 kg
Gross weight	89 kg
PCF/VE (cradle-to-gate)	522.24 kg CO2 eq (Cat B)
Information regarding the PCF class	Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared
Customs tariff number	84158200
ECLASS 8.0	27180704
Product description	SK cooling unit Blue e+, wall-mounted outdoor, 4.55 kW, 380-480 V, 3~, 50-60 Hz, aluminum, WHD: 465 x 1640 x 360 mm

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# Approvals

# Approvals

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Explanations

Declaration of conformity

Declaration of conformity - F-gas regulation

PCF-declaration