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# SK 3184.840 Wall-mounted cooling unit Blue e+ S

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## SK 3184.840 - Wall-mounted cooling unit Blue e+ S 1023.64 - 3412.14 BTU/h

Blue e+ S cooling units with proven Blue e+ technology offer the world's highest energy efficiency. This is also linked with a reduction in the CO\(\text{M}\) footprint of machinery and equipment. In a new design and with many smart functions.

#### **Features**

Model No.	SK 3184.840	
Version	wall-mounted	
Benefits	Helps make production climate-neutral thanks to average energy	
	savings of 75% and reduction of CO2 footprint	
	Universal compatibility due to multi-voltage capability and country- specific approvals	
	Intelligent and easy monitoring via IoT interface	
	Convenient operation with the Rittal Scan & Service App	
Material	Carbon steel	
General color	RAL 7035	
Color	Housing: RAL 7035	
	Louvered grille: RAL 7012	
Supply includes	Assembly components	
	Wired ready for connection (plug-in terminal strip)	
	Integral electric condensate evaporation	
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.	

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#### Features

Total cooling output to DIN EN	Cooling output L35 L35/50 Hz: 1 kW	
14511	Cooling output L35 L35/60 Hz: 1 kW	
	Cooling output L35 L50/50 Hz: 0.6 kW	
	Cooling output L35 L50/60 Hz: 0.6 kW	
	Cooling output L35 L35/50 Hz: 3,412 BTU/h	
	Cooling output L35 L35/60 Hz: 3,412 BTU/h	
	Cooling output L35 L50/50 Hz: 2,047 BTU/h	
	Cooling output L35 L50/60 Hz: 2,047 BTU/h	
Rated operating voltage	380 V - 480 V, 2~, 50 Hz/60 Hz	
Note	Please observe the assembly instructions.	
	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.	
	Only for semi-outdoor use (see instructions for description)	
Note on Model No.:	Tolerance: 380 V -10% (342 V) and 480 V +10% (528 V)	
Rated output	0.59 kW	
Air throughput (unimpeded air	External circuit: 680 m³/h	
flow)	Internal circuit: 680 m³/h	
	External circuit: 400.2 cfm	
	Internal circuit: 400.2 cfm	
Energy efficiency ratio (EER) 50/60	Refrigeration factor L35 L35 (EER) 50 Hz: 2.37	
Hz L35 L35	Refrigeration factor L35 L35 (EER) 60 Hz: 2.37	
Version	wall-mounted	
Dimensions	Width: 400 mm	
	Height: 950 mm	
	Depth: 196 mm	
	Width: 15.7 "	
	Height: 37.4 "	
	Depth: 7.72 "	
Required mounting cut-out	Width of opening: 383 mm	
	Cut-out height: 929 mm	
	Width of opening: 15.1 "	
	Cut-out height: 36.6 "	
Protection category IP to EN 60 529	Internal circuit IP 55	

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#### Features

Protection category NEMA	UL Type 12 UL Type 3R
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.31 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.2 t Refrigerant: R-513A
	Quantity: 0.7 lb.
Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C60 °C -4 °F140 °F
Storage temperature range	-40 °C70 °C -40 °F158 °F
Operating temperature range of refrigerant circuit (active)	3 °C60 °C
Operating temperature range of heat pipe	-20 °C45 °C
Setting range	20 °C50 °C 68 °F122 °F
Rated power L35 L35/50 Hz: 0.42 kW Rated power L35 L35/60 Hz: 0.42 kW Rated power L35 L50/50 Hz: 0.49 kW Rated power L35 L50/60 Hz: 0.49 kW	
Permissible operating pressure (p. max.)	34 bar 493.1 PSI
Packaging unit	1 pc(s).
Net weight	31
Gross weight	32
Customs tariff number	84158200
EAN	4028177949942
ETIM 9	EC000855
ETIM 8	EC000855

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#### **Features**

ECLASS 8.0	27180704

### **Approvals**

Approvals	30 - KC Korea	
	UL + C-UL (listed)	
	UL + C-UL - FTTA	
Explanations	Declaration of conformity	
	Declaration of conformity - F-gas regulation	

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