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## SK 3178.800 Wall-mounted cooling unit Blue e+ S

State: 12/4/2025 (Source: rittal.com/us-en)



# SK 3178.800 - 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 3178.800	
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: 0.3 kW		
14511	Cooling output L35 L35/60 Hz: 0.3 kW		
	Cooling output L35 L50/50 Hz: 0.22 kW		
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	Cooling output L35 L35/50 Hz: 1,024 BTU/h		
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	Cooling output L35 L50/50 Hz: 751 BTU/h		
	Cooling output L35 L50/60 Hz: 751 BTU/h		
Rated operating voltage	110 V - 240 V, 1~, 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: 110 V -10% (99 V) and 240 V +10% (264 V)		
Rated output	0.22 kW		
Air throughput (unimpeded air	External circuit: 366.6 m³/h		
flow)	Internal circuit: 366.6 m³/h		
	External circuit: 215.8 cfm		
	Internal circuit: 215.8 cfm		
Energy efficiency ratio (EER) 50/60	Refrigeration factor L35 L35 (EER) 50 Hz: 1.8		
Hz L35 L35	Refrigeration factor L35 L35 (EER) 60 Hz: 1.8		
Version	wall-mounted		
Dimensions	Width: 300 mm		
	Height: 570 mm		
	Depth: 159 mm		
	Width: 11.8 "		
	Height: 22.4 "		
	Depth: 6.26 "		
Required mounting cut-out	Width of opening: 280 mm		
	Cut-out height: 550 mm		
	Width of opening: 11 "		
	Cut-out height: 21.7 "		
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: 0.13 kg
	Global Warming Potential (GWP): 631
	CO2 equivalent (CO2e): 0.08 t
	Refrigerant: R-513A
	Quantity: 0.3 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 Pel	Rated power L35 L35/50 Hz: 0.17 kW
	Rated power L35 L35/60 Hz: 0.17 kW
	Rated power L35 L50/50 Hz: 0.2 kW
	Rated power L35 L50/60 Hz: 0.2 kW
Permissible operating pressure (p.	32 bar
max.)	464.1 PSI
Packaging unit	1 pc(s).
Net weight	12.2
Gross weight	13.2
Customs tariff number	84158200
EAN	4028177949959
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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