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SK 3180.800 Wall-mounted cooling unit Blue e+ S

State: 12/11/2025 (Source: rittal.com/us-en)



SK 3180.800 - 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 3180.800		
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.		

Features

Total cooling output to DIN EN	Cooling output L35 L35/50 Hz: 0.78 kW	
14511	Cooling output L35 L35/60 Hz: 0.78 kW	
	Cooling output L35 L50/50 Hz: 0.44 kW	
	Cooling output L35 L50/60 Hz: 0.44 kW	
	Cooling output L35 L35/50 Hz: 2,661 BTU/h	
	Cooling output L35 L35/60 Hz: 2,661 BTU/h	
	Cooling output L35 L50/50 Hz: 1,501 BTU/h	
	Cooling output L35 L50/60 Hz: 1,501 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	0.56 kW	
Air throughput (unimpeded air	External circuit: 378 m³/h	
flow)	Internal circuit: 378 m³/h	
	External circuit: 222.5 cfm	
	Internal circuit: 222.5 cfm	
Energy efficiency ratio (EER) 50/60	Refrigeration factor L35 L35 (EER) 50 Hz: 1.9	
Hz L35 L35	Refrigeration factor L35 L35 (EER) 60 Hz: 1.9	
Version	wall-mounted	
Dimensions	Width: 300 mm	
	Height: 570 mm	
	Depth: 250 mm	
	Width: 11.8 "	
	Height: 22.4 "	
	Depth: 9.84 "	
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	

Features

Protection category NEMA	UL Type 12 UL Type 3R
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 0.19 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.12 t Refrigerant: R-513A Quantity: 0.4 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: 0.41 kW Rated power L35 L35/60 Hz: 0.41 kW Rated power L35 L50/50 Hz: 0.49 kW Rated power L35 L50/60 Hz: 0.49 kW
Permissible operating pressure (p. max.)	35 bar 507.6 PSI
Packaging unit	1 pc(s).
Net weight	16.5
Gross weight	16.95
Customs tariff number	84158200
EAN	4028177966833
ETIM 9	EC000855
ETIM 8	EC000855

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	