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SK 3310.700

Modular climate control concept - Blue e cooling module

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FRIEDHELM LOH GROUP



SK 3310.700 - Modular climate control concept - Blue e cooling module Total cooling output 1.50 - 2.50 kW

Climate control modules for climate control doors. Cooling output from 1500 to 2500 W.



Features

Model No.	SK 3310.700
Product description	All cooling modules may be individually combined with any climate control door. The cooling modules are equipped with energy-efficient Blue e technology, with integral e-Comfort controller and electric condensate evaporation as standard.
Benefits	May be linked to the IoT interface via the Blue e IoT adapter for cooling units with an output of 500 W or higher and e-comfort controllers
Material	Carbon steel
Color	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Cooling module prepared for installation in climate control door Integral electric condensate evaporation Wired ready for connection (plug-in terminal strip)
Rated current max.	At 50 Hz: 7.6 A At 60 Hz: 9.4 A
Start-up current (max.)	At 50 Hz: 22 A At 60 Hz: 24 A
Rated power Pel 50/60 Hz L35 L35	1.31 kW/1.52 kW
Rated power Pel 50/60 Hz L35 L50	1.48 kW/1.85 kW

Features

Temperature control	e-Comfort Controller (factory setting +35 °C)
At 60 Hz	9.4 A
Note	A plinth with a height of 100 or 200 mm is required for efficient operation
Air throughput (unimpeded air flow)	External circuit: 1,100 m ³ /h Internal circuit: 1,100 m ³ /h External circuit: 647.4 cfm Internal circuit: 647.4 cfm
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 1 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 1.43 t Refrigerant: R134a Quantity: 2.2 lb.
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.91 Refrigeration factor L35 L35 (EER) 60 Hz: 1.66
Operating temperature range	10 °C...55 °C 50 °F...131 °F
Permissible operating pressure (p. max.)	30 bar 435.1 PSI
Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Setting range	20 °C...55 °C 68 °F...131 °F
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 2.5 kW Cooling output L35 L35/60 Hz: 2.52 kW Cooling output L35 L50/50 Hz: 1.62 kW Cooling output L35 L50/60 Hz: 1.76 kW Cooling output L35 L35/50 Hz: 8,530 BTU/h Cooling output L35 L35/60 Hz: 8,599 BTU/h Cooling output L35 L50/50 Hz: 5,528 BTU/h Cooling output L35 L50/60 Hz: 6,005 BTU/h
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Packaging unit	1 pc(s).

Features

Weight/packaging unit	73 kg 160.9 lb.
Note	Incl. section door weight
Copper weight (kg per piece)	0
Customs tariff number	84158200
EAN	4028177559554
ETIM 7.0	EC002510
ECLASS 8.0	27180702

Approvals

Approvals	UL + C-UL (listed) UR + C-UR (recognized)
Certificates	EAC
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation