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## SK 3310.740

# Modular climate control concept - Cooling module "Blue e"

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POWER DISTRIBUTION

CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3310.740 - Modular climate control concept - Cooling module "Blue e" Total cooling output 1.50 - 2.50 kW

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



## Features

Model No.	SK 3310.740
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 Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller
Material	Sheet steel
Colour	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Cooling module prepared for installation in climate control door Integral electric condensate evaporation Fully wired ready for connection (plug-in terminal strip)
Rated current max.	At 50 Hz: 3.5 A At 60 Hz: 3.7 A
Start-up current max.	At 50 Hz: 13 A At 60 Hz: 14 A
Power consumption Pel 50/60 Hz L35 L35	1.13 kW/1.48 kW

# Features

Power consumption Pel 50/60 Hz L35 L50	1.4 kW/1.75 kW
Temperature control	e-Comfort controller (factory setting +35 °C)
At 60 Hz	3.7 A
Note	A base/plinth with a height of 100 or 200 mm is required for efficient operation
Air throughput (unimpeded air flow)	External circuit: 1,100 m <sup>3</sup> /h Internal circuit: 1,100 m <sup>3</sup> /h
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 1 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 1.43 t
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.21 Refrigeration factor L35 L35 (EER) 60 Hz: 1.69
Operating temperature range	10 °C...55 °C
Permissible operating pressure (p. max.)	30 bar
Setting range	20 °C...55 °C
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 2.5 kW Cooling output L35 L35/60 Hz: 2.5 kW Cooling output L35 L50/50 Hz: 1.76 kW Cooling output L35 L50/60 Hz: 1.8 kW
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Packs of	1 pc(s).
Weight/pack	72 kg
Net weight	73
Gross weight	77
Note	Includes section door weight
Customs tariff number	84158200
EAN	4028177559820

# Features

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ETIM 8	EC002510
ETIM 7.0	EC002510
ECLASS 8.0	27180702

# Approvals

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

# Tender text

3310740

Modular climate control concept - Cooling module Blue e

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, hydrophobic RiNano coating on the condenser and electric condensate evaporation as standard.

Total cooling output L35 L35 50/60 Hz: 2,50 / 2,50 kW

Total cooling output L35 L50 50/60 Hz: 1,76 / 1,80 kW

Power consumption L35 L35 50/60 Hz: 1,13 / 1,48 kW

Power consumption L35 L50 50/60 Hz: 1,40 / 1,75 kW

Rated power input 50/60 Hz: 3,5 / 3,7 A

Rated operating voltage: 400 V, 3~, 50 Hz; 460 V, 3~, 60 Hz

Temperature control: e-comfortcontroller (factory setting +35 °C)

Material: Sheet steel

Colour: RAL 7035

Refrigeration factor (EER) 50/60 Hz: 2,21 / 1,69

Refrigerant / Quantity: R134a / 1000 g

Operating temperature range: 10 °C to 55 °C

Setting range: 20 °C to 50 °C

Protection category IP to IEC 60 529: Internal circuit IP 54, external circuit IP 34

Weight: 72 kg