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SK 3307.740

Modular climate control concept - Cooling module "Blue e"

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3307.740 - 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 3307.740 |
| 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: 2.5 A At 60 Hz: 2.7 A |
| Start-up current max. | At 50 Hz: 8.5 A At 60 Hz: 9.2 A |
| Power consumption Pel 50/60 Hz L35 L35 | 0.79 kW/1 kW |

Features

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|--|---|
| Power consumption Pel 50/60 Hz L35 L50 | 0.9 kW/1.1 kW |
| Temperature control | e-Comfort controller (factory setting +35 °C) |
| At 60 Hz | 2.7 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 ³ /h Internal circuit: 600 m ³ /h |
| Refrigerant/cooling medium | Refrigerant: R134a Quantity: 0.7 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 1 t |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.9 Refrigeration factor L35 L35 (EER) 60 Hz: 1.55 |
| Operating temperature range | 10 °C...55 °C |
| Permissible operating pressure (p. max.) | 28 bar |
| Setting range | 20 °C...55 °C |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1.5 kW Cooling output L35 L35/60 Hz: 1.55 kW Cooling output L35 L50/50 Hz: 0.93 kW Cooling output L35 L50/60 Hz: 0.95 kW |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |
| Packs of | 1 pc(s). |
| Weight/pack | 68 kg |
| Net weight | 60 |
| Gross weight | 66 |
| Note | Includes section door weight |
| Customs tariff number | 84158200 |
| EAN | 4028177559462 |

Features

| | |
|------------|----------|
| ETIM 8 | EC002510 |
| 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 |

Tender text

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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: 1,50 / 1,55 kW

Total cooling output L35 L50 50/60 Hz: 0,93 / 0,95 kW

Power consumption L35 L35 50/60 Hz: 0,79 / 1,00 kW

Power consumption L35 L50 50/60 Hz: 0,9 / 1,10 kW

Rated power input 50/60 Hz: 2,5 / 2,7 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: 1,9 / 1,55

Refrigerant / Quantity: R134a / 700 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: 68 kg