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## SK 3310.710

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

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FRIEDHELM LOH GROUP



# SK 3310.710 - 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 3310.710                                                                                                                                                                                                                                   |
| 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<br>Cooling module prepared for installation in climate control door<br>Integral electric condensate evaporation<br>Fully wired ready for connection (plug-in terminal strip)                        |
| Rated current max.                        | At 50 Hz: 17.3 A<br>At 60 Hz: 19 A                                                                                                                                                                                                            |
| Start-up current max.                     | At 50 Hz: 36 A<br>At 60 Hz: 39 A                                                                                                                                                                                                              |
| Power consumption Pel 50/60 Hz<br>L35 L35 | 1.36 kW/1.57 kW                                                                                                                                                                                                                               |

# Features

|                                                |                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power consumption Pel 50/60 Hz L35 L50         | 1.53 kW/1.9 kW                                                                                                                                                  |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)                                                                                                                   |
| At 60 Hz                                       | 19 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 m³/h<br>Internal circuit: 1,100 m³/h                                                                                                    |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 1 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 1.68 t                                                   |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.84<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.61                                                                |
| 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<br>Cooling output L35 L35/60 Hz: 2.52 kW<br>Cooling output L35 L50/50 Hz: 1.62 kW<br>Cooling output L35 L50/60 Hz: 1.76 kW |
| Rated operating voltage                        | 115 V, 1~, 50 Hz/60 Hz                                                                                                                                          |
| Packs of                                       | 1 pc(s).                                                                                                                                                        |
| Net weight                                     | 76                                                                                                                                                              |
| Gross weight                                   | 84                                                                                                                                                              |
| Customs tariff number                          | 84158200                                                                                                                                                        |
| EAN                                            | 4028177559561                                                                                                                                                   |
| ETIM 9                                         | EC002510                                                                                                                                                        |
| ETIM 8                                         | EC002510                                                                                                                                                        |
| ECLASS 8.0                                     | 27180702                                                                                                                                                        |

# Approvals

|              |                                              |
|--------------|----------------------------------------------|
| Approvals    | UL + C-UL (listed)<br>UR + C-UR (recognized) |
| Certificates | EAC                                          |
| Explanations | Declaration of conformity                    |

## 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: 2,50 / 2,52 kW

Total cooling output L35 L50 50/60 Hz: 1,62 / 1,76 kW

Power consumption L35 L35 50/60 Hz: 1,36 / 1,57 kW

Power consumption L35 L50 50/60 Hz: 1,53 / 1,90 kW

Rated power input 50/60 Hz: 17,3 / 19 A

Rated operating voltage: 115 V, 1~, 50/60 Hz

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

Material: Sheet steel

Colour: RAL 7035

Refrigeration factor (EER) 50/60 Hz: 1,84 / 1,61

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: 78 kg