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## SK 3336.415 Chillers Blue e

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3336.415 - Chillers Blue e 8 - 48 kW

The Blue e chiller in the floor standing enclosure provides centralised, efficient cooling of the cooling water. The microchannel technology reduces the volume of refrigerant required. Intuitive operation via touch display and intelligent communications interfaces ensure user-friendly operation and analysis. Integral safety functions, included as standard, ensure maximum safety. Delivery times are also shortened, thanks to pre-defined option packages.

## Features

|   |  |
|---|--|
| Model No.   | SK 3336.415  |
| Design  | Robust industrial standard<br>Floating contact for collective fault signal   |
| Benefits  | Reduced volume of refrigerant, thanks to microchannel technology<br>Touch display for simplified user guidance<br>Remote monitoring pre-integrated into the base unit<br>Integral safety functions<br>Pre-configured options |
| Colour  | Enclosure: RAL 7035<br>Base/plinth: RAL 7016   |
| Supply includes                                     | Chiller wired ready for connection<br>Multilingual documentation including functional diagram and wiring plans   |
| Protection category to IEC 60 529                   | IP 44 (electrics)  |
| Total cooling output to<br>DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 14 kW<br>Cooling output Tw18 Tu35/60 Hz: 14.4 kW   |
| Air throughput (unimpeded air<br>flow)              | At 50 Hz: 6,000 m <sup>3</sup> /h<br>At 60 Hz: 7,200 m <sup>3</sup> /h   |
| Rated operating voltage                             | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |
| Dimensions  | Width: 660 mm<br>Height: 1,265 mm<br>Depth: 1,315 mm   |
| Control voltage 24 V DC                             | Yes  |

# Features

|   |   |
|---|---|
| Precision controller                          | Yes   |
| Performance-enhanced pump                     | Yes   |
| Noise level                                   | 68,3 dB(A)  |
| Operating temperature range                   | 10 °C...43 °C   |
| Operating temperature range of cooling medium | 10 °C...25 °C   |
| Temperature hysteresis                        | ± 0.25 K  |
| Refrigerant/cooling medium                    | Refrigerant: R-513A<br>Quantity: 1.6 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 1.01 t |
| Pump pressure                                 | At 50 Hz: 4 bar<br>At 60 Hz: 4 bar  |
| Volumetric flow (cooling medium)              | At 50 Hz: 40 l/min<br>At 60 Hz: 42 l/min  |
| Power consumption Pel                         | At 50 Hz: 7.05 kW<br>At 60 Hz: 9.2 kW   |
| Rated current max.                            | At 50 Hz: 13.5 A<br>At 60 Hz: 14.1 A  |
| Water connections                             | R 1" internal thread  |
| Number of cooling circuits                    | 1   |
| Tank  | Material: PE plastic<br>Volume: 49 l  |
| Operating weight                              | 312 kg  |
| Packs of                                      | 1 pc(s).  |
| Net weight                                    | 245,5 kg  |
| Gross weight                                  | 270 kg  |
| Customs tariff number                         | 84186900  |
| ETIM 9  | EC002516  |
| ETIM 8  | EC002516  |

# Features

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|                     |   |
|---------------------|---|
| ECLASS 8.0          | 27180713  |
| Product description | SK Blue e chiller 14.0/14.4 kW, 400 V, 3~, 50 Hz, 460 V, 3~, 60 Hz, WHD: 660 x 1,265 x 1,315 mm |

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# Approvals

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| Explanations | Declaration of conformity - F-gas regulation |
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