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## SK 3336.450 Blue e chiller

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3336.450 - Blue e chiller 27,297.14 - 163,782.82 BTU/h

The Blue e chiller fitted in the enclosure provides central and economical water cooling. The microchannel technology enables a reduction in the coolant quantity. Intuitive operation via a touch display and intelligent communication interfaces ensure convenient operation and analysis. The safety functions integrated in the standard version mean maximum safety. The delivery time is also reduced thanks to the predefined options package.

## Features

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|--|--|
| Model No.  | SK 3336.450  |
| Version  | Robust industrial standard<br>Floating contact for collective fault signal   |
| Benefits   | Coolant quantity reduced through the use of microchannel technology<br>Touch-display for easy user handling<br>Remote monitoring already integrated in the basic unit<br>Integrated safety functions<br>Pre-configured options |
| Color  | Housing: 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 IP to EN 60529               | IP 44 (electrics)  |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 24 kW<br>Cooling output Tw18 Tu35/60 Hz: 26 kW   |
| Air throughput (unimpeded air flow)              | At 50 Hz: 12,000 m <sup>3</sup> /h<br>At 60 Hz: 14,500 m <sup>3</sup> /h   |
| Rated operating voltage                          | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |
| Dimensions                                       | Width: 760 mm<br>Height: 1,265 mm<br>Depth: 1,515 mm   |

# Features

|   |   |
|---|---|
| Noise pressure level                          | 76 dB(A)  |
| Operating temperature range                   | 10 °C...43 °C   |
| Operating temperature range of cooling medium | 10 °C: 25 °C  |
| Temperature hysteresis                        | ± 2 K   |
| Refrigerant/cooling medium                    | Refrigerant: R-513A<br>Quantity: 3.4 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 2.15 t |
| Pump pressure                                 | At 50 Hz: 2 bar<br>At 60 Hz: 3.6 bar  |
| Volumetric flow (cooling medium)              | At 50 Hz: 70 l/min<br>At 60 Hz: 75 l/min  |
| Rated power Pel                               | At 50 Hz: 11.48 kW<br>At 60 Hz: 14.43 kW  |
| Rated current max.                            | At 50 Hz: 24.3 A<br>At 60 Hz: 24.5 A  |
| Water connections                             | R 1¼" internal thread   |
| Number of cooling circuits                    | 1   |
| Tank  | Material: Plastic PE<br>Volume: 78 l  |
| Operating weight                              | 414 kg  |
| Packaging unit                                | 1 pc(s).  |
| Net weight                                    | 298 kg  |
| Gross weight                                  | 350 kg  |
| Customs tariff number                         | 84186900  |
| ETIM 9  | EC002516  |
| ETIM 8  | EC002516  |
| ECLASS 8.0                                    | 27180713  |

# Features

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|---------------------|--|
| Product description | SK Blue e chiller 81891/88716 BTU/h, 400 V, 3~, 50 Hz, 460 V, 3~, 60 Hz, WHD: 760 x 1,265 x 1,515 mm |
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# Approvals

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|              |   |
|--------------|---|
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation |
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