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SK 3336.435

Blue e chiller

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FRIEDHELM LOH GROUP

SK 3336.435 - 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

Model No.	SK 3336.435
Version	Robust industrial standard Floating contact for collective fault signal
Benefits	Coolant quantity reduced through the use of microchannel technology Touch-display for easy user handling Remote monitoring already integrated in the basic unit Integrated safety functions Pre-configured options
Color	Housing: RAL 7035 Base/Plinth: RAL 7016
Supply includes	Chiller wired ready for connection Multilingual documentation including functional diagram and wiring plans
Protection category IP to EN 60 529	IP 44 (electrics)
Total cooling output to DIN EN 14511 Tw18 / Tu35	Cooling output Tw18 Tu35/50 Hz: 18.7 kW Cooling output Tw18 Tu35/60 Hz: 21.2 kW
Air throughput (unimpeded air flow)	At 50 Hz: 12,000 m³/h At 60 Hz: 14,500 m³/h At 50 Hz: 7,062.9 cfm At 60 Hz: 8,534.4 cfm
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz

Features

Dimensions	Width: 760 mm Height: 1,265 mm Depth: 1,515 mm Width: 29.9 ″ Height: 49.8 ″ Depth: 59.6 ″
Control voltage 24 V DC	Yes
Precision control	Yes
Power-enhanced pump	Yes
Noise pressure level	76 dB(A)
Operating temperature range	10 °C...43 °C 50 °F...109 °F
Operating temperature range of cooling medium	10 °C...25 °C 50 °F...77 °F
Temperature hysteresis	± 0.25 K
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 2.9 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 1.83 t Refrigerant: R-513A Quantity: 6.4 lb.
Pump pressure	At 50 Hz: 4 bar At 60 Hz: 4 bar
Volumetric flow (cooling medium)	At 50 Hz: 55 l/min At 60 Hz: 60 l/min
Rated power Pel	At 50 Hz: 10.85 kW At 60 Hz: 12.85 kW
Rated current max.	At 50 Hz: 21.1 A At 60 Hz: 20.9 A
Water connections	R 1¼" internal thread
Number of cooling circuits	1
Tank	Material: Plastic PE Volume: 78 l

Features

Operating weight	398 kg 877.4 lb.
Packaging unit	1 pc(s).
Net weight	300 kg
Gross weight	330 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84186900
ETIM 9	EC002516
ETIM 8	EC002516
ECLASS 8.0	27180713
Product description	SK Blue e chiller 63807/72337 BTU/h, 400 V, 3~, 50 Hz, 460 V, 3~, 60 Hz, WHD: 760 x 1,265 x 1,515 mm

Approvals

Explanations	Declaration of conformity - F-gas regulation