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SK 3336.435

Chillers Blue e

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SK 3336.435 - 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 3336.435
Design	Robust industrial standard Floating contact for collective fault signal
Benefits	Reduced volume of refrigerant, thanks to microchannel technology Touch display for simplified user guidance Remote monitoring pre-integrated into the base unit Integral safety functions Pre-configured options
Colour	Enclosure: RAL 7035 Base/plinth: RAL 7016
Supply includes	Chiller wired ready for connection Multilingual documentation including functional diagram and wiring plans
Protection category to IEC 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
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Dimensions	Width: 760 mm Height: 1,265 mm Depth: 1,515 mm
Control voltage 24 V DC	Yes

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Features

Precision controller	Yes
Performance-enhanced pump	Yes
Noise level	76 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 Quantity: 2.9 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 1.83 t
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
Power consumption 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: PE plastic Volume: 78 l
Operating weight	398 kg
Packs of	1 pc(s).
Net weight	300 kg
Gross weight	330 kg
CRA risk class	Default (Low Risk)
Customs tariff number	84186900
ETIM 9	EC002516

Features

ETIM 8	EC002516
ECLASS 8.0	27180713
Product description	SK Blue e chiller 18.7/21.2 kW, 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

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