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SK 3335.930

VX25 TopTherm chiller

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SK 3335.930 - VX25 TopTherm chiller 8 - 20 kW

VX25 TopTherm chillers are compact in design and cover a diversity of applications. They integrate perfectly with the enclosure – as series products promising a minimised footprint, increased efficiency and fast availability.

Features

Model No.	SK 3335.930
Product description	VX25 TopTherm chillers are compact in design and cover a diversity of applications. They integrate perfectly with the enclosure – as series products promising a minimised footprint, increased efficiency and fast availability.
Benefits	A single housing size for four output categories Carbon footprint is reduced by up to 35% Reduced volume of refrigerant, thanks to microchannel technology Remote monitoring pre-integrated into the base unit Integrated safety functions create enhanced safety Minimum footprint Convenient servicing
Material	Sheet steel
Colour	RAL 7035
Supply includes	Fully wired unit ready for connection with side panels and door
Protection category to IEC 60 529	IP 44 (electrics)
Total cooling output Tw10 / Tu32	Cooling output Tw10 Tu32/50 Hz: 6.5 kW Cooling output Tw10 Tu32/60 Hz: 7.5 kW
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 8 kW Cooling output Tw18 Tu32/60 Hz: 8.6 kW

Features

Total cooling output to DIN EN 14511 Tw18 / Tu35	Cooling output Tw18 Tu35/50 Hz: 7.8 kW Cooling output Tw18 Tu35/60 Hz: 8.4 kW
Air throughput (unimpeded air flow)	At 50 Hz: 6,000 m³/h At 60 Hz: 7,200 m³/h
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Dimensions	Width: 808 mm Height: 2,238 mm Depth: 608 mm
Note	Regular leak tests are not prescribed by law.
Noise level	75.6 dB(A)
Temperature control	e-controller (factory setting +18 °C)
Operating temperature range	10 °C...43 °C
Operating temperature range of cooling medium	10 °C...25 °C
Temperature hysteresis	± 1 K
Refrigerant/cooling medium	Refrigerant: R410A Quantity: 1.1 kg Global Warming Potential (GWP): 2,088 CO2 equivalent (CO2e): 3.8 t
Pump pressure	At 50 Hz: 2.5 bar At 60 Hz: 2.5 bar
Power consumption of cooling medium pump 50/60 Hz	0.67 / 1.06
Volumetric flow (cooling medium)	At 50 Hz: 30 l/min At 60 Hz: 47 l/min
Power consumption Pel	At 50 Hz: 4.91 kW At 60 Hz: 5.92 kW
Rated current max.	At 50 Hz: 9.4 A At 60 Hz: 8.8 A
Start-up current max.	At 50 Hz: 44 A At 60 Hz: 39.8 A

Features

Energy efficiency ratio (EER) 50 Hz Tw18/Tu35 DIN EN 14511	2.6
Water connections	R 1" internal thread
Number of cooling circuits	1
Tank	Material: PP plastic Volume: 75 l
Operating weight	323 kg
Packs of	1 pc(s).
Net weight	245
Gross weight	253
Customs tariff number	84186900
EAN	4028177953451
ETIM 9	EC002516
ETIM 8	EC002516
ECLASS 8.0	27180713

Approvals

Explanations	Declaration of conformity - F-gas regulation

Tender text

VX25 Chiller TopTherm 8-20 kW

VX25 TopTherm chillers are compact in design and versatile in application. Chillers and cabinets fit together perfectly - with a minimum footprint, increased efficiency and fast availability in series.

Total cooling output W10 U32: 6.5/7.5 kW
Total cooling output W18 U32: 8.0/8.6 kW
Total cooling output W18 U35 according to DIN EN 14511: 7.8/8.4 kW

Power consumption 50/60 Hz: 4.91/5.92 kW

Rated operating voltage: 400 V, 3~, 50 Hz; 460 V, 3~, 60 Hz

Dimensions [WxHxD]: 808x2238x608 mm

Start-up current 50/60 Hz: 44.0/39.8 A

Rated current (max.) 50/60 Hz: 9.4/8.8 A

Temperature control: e-controller (factory setting +18 °C)

Operating temperature range: +10°C to +43°C
Operating temperature range cooling medium: +10°C to +25°C

Temperature hysteresis: ± 1 K

Refrigerant/quantity: R410a, 1100 g
GWP/CO2 equivalent: 2088/3.8 t

Water connections: R 1" IG

Pump pressure (max.): 2.5/2.5 bar

Power consumption cooling medium pump 50/60 Hz: 0,67/1,06 kW

Volumetric flow (cooling medium) 50/60 Hz: 30/47 l/min

Air throughput (unimpeded air flow): 6000/7200 m³/h

Tank material: PP plastic
Tank volume: 75 l

Noise level: 75.6 dB(A)

Colour: RAL 7035

Protection category to IEC 60 529: IP 44 (electrics)

Operating weight: 323 kg

Note: Regular leak tests are not prescribed by law.