Rittal – The System.

Faster – better – everywhere.

SK 3335.960

VX25 TopTherm Chiller

State: 8/16/2024 (Source: rittal.com/us-en)

SK 3335.960 - VX25 TopTherm Chiller 8 - 20 kW

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

Features

Model No.	SK 3335.960
Product description	VX25 TopTherm chillers are compact in design and cover a variety of applications. They integrate perfectly with the enclosure – as series products promising a minimized footprint, increased efficiency and fast availability.
Benefits	One enclosure size for four output categories Carbon footprint is reduced by up to 35% Coolant quantity reduced through the use of microchannel technology Remote monitoring already integrated in the basic unit Integrated safety functions create enhanced safety Minimum support area Convenient servicing
Material	Carbon steel
Color	RAL 7035
Supply includes	Complete unit with side panels and door ready for connection
Protection category IP to EN 60 529	IP 44 (electrics)
Total cooling output Tw10 / Tu32	Cooling output Tw10 Tu32/50 Hz: 16.6 kW Cooling output Tw10 Tu32/60 Hz: 18.7 kW Cooling output Tw10 Tu32/50 Hz: 56,642 BTU/h Cooling output Tw10 Tu32/60 Hz: 63,807 BTU/h

Features

Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 20 kW Cooling output Tw18 Tu32/60 Hz: 21.8 kW Cooling output Tw18 Tu32/50 Hz: 68,243 BTU/h Cooling output Tw18 Tu32/60 Hz: 74,385 BTU/h
Total cooling output to DIN EN 14511 Tw18 / Tu35	Cooling output Tw18 Tu35/50 Hz: 19.4 kW Cooling output Tw18 Tu35/60 Hz: 21.2 kW
Air throughput (unimpeded air flow)	At 50 Hz: 6,000 m³/h At 60 Hz: 7,200 m³/h At 50 Hz: 3,531.5 cfm At 60 Hz: 4,237.8 cfm
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Dimensions	Width: 808 mm Height: 2,238 mm Depth: 608 mm Width: 31.8 ″ Height: 88.1 ″ Depth: 23.9 ″
Note	Regular leak testing is not required by law.
Noise pressure level	75.6 dB(A)
Temperature control	E-controller (factory setting +18 °C)
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	± 1 K
Refrigerant/cooling medium	Refrigerant: R410A Quantity: 2.2 kg Global Warming Potential (GWP): 2,088 CO2 equivalent (CO2e): 7.5 t Refrigerant: R410A Quantity: 4.9 lb.
Pump pressure	At 50 Hz: 2.2 bar At 60 Hz: 3.2 bar

Features

Power consumption cooling medium pump 50/60 Hz	1.35 / 1.93
Volumetric flow (cooling medium)	At 50 Hz: 43 l/min At 60 Hz: 76 l/min
Rated power Pel	At 50 Hz: 10.89 kW At 60 Hz: 13.49 kW
Rated current max.	At 50 Hz: 20.4 A At 60 Hz: 20.9 A
Start-up current (max.)	At 50 Hz: 102.5 A At 60 Hz: 102.4 A
Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511	2.3
Water connections	R 1" internal thread
Number of cooling circuits	1
Tank	Material: Plastic PP Volume: 75 l
Operating weight	370 kg 815.7 lb.
Packaging unit	1 pc(s).
Weight/packaging unit	295 kg 650.4 lb.
Customs tariff number	84186900
EAN	4028177953482
ETIM 7.0	EC002516
ECLASS 8.0	27180713

Approvals

Explanations	Declaration of conformity - F-gas regulation