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SK 3335.930

VX25 TopTherm chiller

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



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

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|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | <ul style="list-style-type: none">A single housing size for four output categoriesCarbon footprint is reduced by up to 35%Reduced volume of refrigerant, thanks to microchannel technologyRemote monitoring pre-integrated into the base unitIntegrated safety functions create enhanced safetyMinimum footprintConvenient 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 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 m ³ /h At 60 Hz: 7,200 m ³ /h |

Features

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| 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 | 74.8 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: R-513A Quantity: 1.6 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ e): 1.01 t |
| Pump pressure | At 50 Hz: 2.7 bar At 60 Hz: 4 bar |
| Power consumption of cooling medium pump 50/60 Hz | 0.67 / 1.06 |
| Volumetric flow (cooling medium) | At 50 Hz: 23 l/min At 60 Hz: 25 l/min |
| Power consumption Pel | At 50 Hz: 4.72 kW At 60 Hz: 6.2 kW |
| Rated current max. | At 50 Hz: 9.2 A At 60 Hz: 9.5 A |
| Energy efficiency ratio (EER) 50 Hz Tw18/Tu35 DIN EN 14511 | 2.3 |
| Water connections | R 1" internal thread |
| Number of cooling circuits | 1 |
| Tank | Material: PP plastic Volume: 75 l |

Features

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|-----------------------|---------------------------------------------------------------------------------------------------------|
| Operating weight | 345 kg |
| Packs of | 1 pc(s). |
| Net weight | 245 kg |
| Gross weight | 253 kg |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |
| Product description | SK Chiller TopTherm, in a VX25 housing, 7.8/8.4 kW, 400 – 460 V, 3~, 50/60 Hz, WHD: 808 x 2238 x 608 mm |

Approvals

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|--------------|----------------------------------------------|
| Explanations | Declaration of conformity |
| | Declaration of conformity - F-gas regulation |