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SK 3335.940 VX25 TopTherm Chiller

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3335.940 - 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

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| Model No. | SK 3335.940 |
| 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 60529 | IP 44 (electrics) |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 10.6 kW Cooling output Tw18 Tu35/60 Hz: 12 kW |

Features

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| Air throughput (unimpeded air flow) | At 50 Hz: 6,000 m ³ /h At 60 Hz: 7,200 m ³ /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 testing is not required by law. |
| Noise pressure 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: 2.5 bar At 60 Hz: 4 bar |
| Power consumption cooling medium pump 50/60 Hz | 0.67 / 1.06 |
| Volumetric flow (cooling medium) | At 50 Hz: 30 l/min At 60 Hz: 35 l/min |
| Rated power Pel | At 50 Hz: 5.35 kW At 60 Hz: 6.95 kW |
| Rated current max. | At 50 Hz: 9.8 A At 60 Hz: 10.3 A |
| Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511 | 2.3 |
| Water connections | R 1" internal thread |
| Number of cooling circuits | 1 |

Features

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| Tank | Material: Plastic PP Volume: 75 l |
| Operating weight | 350 kg |
| Packaging unit | 1 pc(s). |
| Net weight | 255 kg |
| Gross weight | 262 kg |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |
| Product description | SK Chiller TopTherm, in a VX25 enclosure, 39922/44699 BTU/h, 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 |
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