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SK 3335.830 TopTherm chillers

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3335.830 - TopTherm chillers 8 – 25 kW

TopTherm chillers in a TS enclosure with a small footprint, perfect for integrating into an enclosure suite. Their modular design and dual-frequency compatibility make them extremely flexible. They also offer convenient servicing and protection against icing to ensure a high level of reliability.

Features

Model No.	SK 3335.830
Benefits	Modular design Small footprint Convenient servicing High reliability thanks to icing protection One version for two frequencies = international compatibility Fast availability, because the basic platform is available off the shelf
Color	RAL 7035
Supply includes	Complete unit with side panels and door ready for connection Multilingual documentation including functional diagram and wiring plans
Protection category IP to EN 60529	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 Cooling output Tw10 Tu32/50 Hz: 22,179 BTU/h Cooling output Tw10 Tu32/60 Hz: 25,591 BTU/h
Total cooling output Tw18 / Tu32	Cooling output Tw18 Tu32/50 Hz: 8 kW Cooling output Tw18 Tu32/60 Hz: 8.6 kW Cooling output Tw18 Tu32/50 Hz: 27,297 BTU/h Cooling output Tw18 Tu32/60 Hz: 29,344 BTU/h
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz

Features

Dimensions	Width: 805 mm Height: 2,100 mm Depth: 605 mm Width: 31.7 " Height: 82.7 " Depth: 23.8 "
Pump capacity (at 2.5 bar/50 Hz)	30 l/min
Pump capacity (at 2.5 bar/60 Hz)	45 l/min
Note	For 3335.880 and 3335.890, two metal filters are required.
Temperature control	Microcontroller control (factory setting +18 °C, differential value control also possible)
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	± 2 K
Refrigerant/cooling medium	Refrigerant: R410A Quantity: 2.3 kg Global Warming Potential (GWP): 2,088 CO2 equivalent (CO2e): 4.8 t Refrigerant: R410A Quantity: 5.1 lb.
Rated power Pel	At 50 Hz: 4.37 kW At 60 Hz: 5.21 kW
Rated current max.	At 50 Hz: 8.2 A At 60 Hz: 7.7 A
Water connections	G 1" internal thread
Number of cooling circuits	1
Tank	Volume: 75 l
Packaging unit	1 pc(s).
Net weight	242
Gross weight	247

Features

Customs tariff number	84186900
EAN	4028177690035
ECLASS 8.0	27180713

Approvals

Explanations	Declaration of conformity
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