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TopTherm chillers 1 - 6 kW – SK 3318.610

Date : Apr 26, 2021

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FRIEDHELM LOH GROUP

TopTherm chillers 1 - 6 kW – SK 3318.610

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Product description

Design:	Compact, modular layout of the refrigeration components Nano-coated condenser Pump to convey the medium
Benefits:	Precise temperature control, based on microprocessor technology Collective fault signal with floating contact One version for two frequencies = international compatibility
Colour:	RAL 7035
Protection category IP to IEC 60 529:	IP 44 (electrics)
Supply includes:	Complete unit ready for connection Multilingual documentation including functional diagram and wiring plans

Product description

Total cooling output:	At T---sub---W ---subcl---= 10 °C/T---sub---U---subcl--- = 32 °C and 50 Hz: 0.8 kW At T---sub---W ---subcl---= 10 °C/T---sub---U---subcl--- = 32 °C and 60 Hz: 0.9 kW At T---sub---W ---subcl---= 18 °C/T---sub---U---subcl--- = 32 °C and 50 Hz: 1 kW At T---sub---W ---subcl---= 18 °C/T---sub---U---subcl--- = 32 °C and 60 Hz: 1.1 kW
Air throughput (unimpeded air flow):	At 50 Hz: 900 m³/h At 60 Hz: 900 m³/h
Rated operating voltage:	230 V, 1~, 50 Hz/60 Hz
Dimensions:	Width: 600 mm Height: 400 mm Depth: 455 mm

Temperature control:	Microcontroller control (factory setting +20 °C)
Temperature range:	Operation (environment): +10 °C...+43 °C Liquid media: +10 °C...+30 °C
Temperature hysteresis:	± 2 K
Refrigerant/cooling medium:	Refrigerant: R134a Quantity: 0.98 kg Global Warming Potential (GWP): 1430 CO_2 equivalent (CO_2e): 1.39 t
Pump pressure:	At 50 Hz: 2.5 bar
Volumetric flow (cooling medium):	At 50 Hz: 4 l/min At 60 Hz: 6 l/min
Power consumption P_{el}:	At 50 Hz: 0.69 kW At 60 Hz: 1.07 kW
Rated current max.:	At 50 Hz: 5.1 A At 60 Hz: 5.6 A
Water circuit:	hermetically open
Water connections:	G ½" internal thread
Number of cooling circuits:	1
eCl@ss 8.0/8.1:	27180713
Tank:	Contents: 2.5 l Material: PP plastic
Packs of:	1 pc(s).
Weight/pack:	48 kg
EAN:	4028177351141
Customs tariff number:	84186900
ETIM 7.0:	EC002516
ETIM 6.0:	EC002516
eCl@ss 8.0/8.1:	27180713

eCl@ss 6.0/6.1:	27180713
Product description:	SK Chiller TopTherm, Stand alone, open, 1/1.1 kW, 230 V, 1~, 50/60 Hz, WHD: 600 x 400 x 430 mm

Approvals

Approvals:	Approval overview
Certificates:	EAC
Declarations:	Declaration of conformity