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SK 3334.660 TopTherm chillers

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FRIEDHELM LOH GROUP



SK 3334.660 - TopTherm chillers 1 - 4 kW

Roof-mounted and stand-alone TopTherm chillers are both flexible and compact. They provide for economical chilling of a central cooling water supply for air/water heat exchangers or the like. With nano-coated condenser as standard.

Features

| | |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No. | SK 3334.660 |
| Design | Compact, modular layout of the refrigeration components 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 |
| Supply includes | Condenser with hydrophobic RiNano coating Complete unit ready for connection Multilingual documentation including functional diagram and wiring plans |
| Protection category to IEC 60 529 | IP 44 (electrics) |
| Total cooling output Tw10 / Tu32 | Cooling output Tw10 Tu32/50 Hz: 4.8 kW Cooling output Tw10 Tu32/60 Hz: 5.2 kW |
| Total cooling output Tw18 / Tu32 | Cooling output Tw18 Tu32/50 Hz: 6.1 kW Cooling output Tw18 Tu32/60 Hz: 6.6 kW |
| Air throughput (unimpeded air flow) | At 50 Hz: 2,200 m ³ /h At 60 Hz: 2,500 m ³ /h |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |
| Dimensions | Width: 605 mm Height: 1,034 mm Depth: 645 mm |
| Note on Model No. | For 3334.660, two metal filters are required |
| Temperature control | Microcontroller control (factory setting +20 °C) |

Features

| | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Operating temperature range | 10 °C...43 °C |
| Operating temperature range of cooling medium | 10 °C: 30 °C |
| Temperature hysteresis | ± 2 K |
| Refrigerant/cooling medium | Refrigerant: R134a Quantity: 2.2 kg Global Warming Potential (GWP): 1,430 CO2 equivalent (CO2e): 3.15 t |
| Power consumption Pel | At 50 Hz: 3.98 kW At 60 Hz: 5.32 kW |
| Rated current max. | At 50 Hz: 8.2 A At 60 Hz: 8.5 A |
| Water circuit | Open |
| Water connections | G ¾" internal thread |
| Number of cooling circuits | 1 |
| Tank | Material: PP plastic Volume: 30 l |
| Packs of | 1 pc(s). |
| Net weight | 125 kg |
| Gross weight | 142 kg |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |
| Product description | SK Chiller TopTherm, standalone, open, 6.1/6.6 kW, 400-460 V, 3~, 50/60 Hz, WHD: 605 x 1034 x 645 mm |

Approvals

Approvals

Explanations

Declaration of conformity

Tender text

Total cooling output at TW 18 °C / TU 32°C and 50 Hz: 6.06 kw

Total cooling output at TW 18 °C / TU 32°C and 60 Hz: 6.62 kw

Air throughput unimpeded airflow: 2200 m³/h

Rated operating voltage: 400 V, 50/60 Hz / 460 V, 60 Hz, 3~

Dimensions [W x H x D]: 605 x 1034 x 650

Refrigerant: R134a

Temperature range ambience (Tu): 10°C to 43°C

Temperature range liquid medium (Tw): 10°C to 30°C

Temperature control: Microcontroller control

Factory setting: 20°C

Water connections: 3/4" (internal thread)

Protection category to EN 60 529/10.91: IP 44

Weight: 125 kg

Colour: RAL 7035