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SK 3318.610 TopTherm chillers

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3318.610 - TopTherm chillers 3412.1 - 13,648 BTU/h

TopTherm chillers in roof-mounted or stand-alone versions are flexible and compact. They offer centralized and efficient cooling of the cooling water and supply air/water heat exchangers and other devices. With nano-coated condenser as standard.

Features

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| Model No. | SK 3318.610 |
| Version | 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 |
| Color | RAL 7035 |
| Supply includes | Condenser with hydrophobic RiNano coating Complete unit ready for connection Multilingual documentation including functional diagram and wiring plans |
| Protection category IP to EN 60 529 | IP 44 (electrics) |
| Total cooling output Tw10 / Tu32 | Cooling output Tw10 Tu32/50 Hz: 0.8 kW Cooling output Tw10 Tu32/60 Hz: 0.9 kW |
| Total cooling output Tw18 / Tu32 | Cooling output Tw18 Tu32/50 Hz: 1 kW Cooling output Tw18 Tu32/60 Hz: 1.1 kW |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 1.1 kW Cooling output Tw18 Tu35/60 Hz: 1.51 kW |
| Air throughput (unimpeded air flow) | At 50 Hz: 900 m ³ /h At 60 Hz: 900 m ³ /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) |

Features

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| 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: R-513A Quantity: 0.975 kg Global Warming Potential (GWP): 631 CO2 equivalent (CO2e): 0.61 t |
| Pump pressure | At 50 Hz: 2.5 bar |
| Volumetric flow (cooling medium) | At 50 Hz: 3.5 l/min At 60 Hz: 6 l/min |
| Rated power Pel | At 50 Hz: 0.64 kW At 60 Hz: 0.79 kW |
| Rated current max. | At 50 Hz: 5.1 A At 60 Hz: 5.6 A |
| Refrigeration factor (EER) 50 Hz Tw18 / Tu35 DIN EN 14511 | 1.7 |
| Water circuit | hermetically open |
| Water connections | G ½" internal thread |
| Number of cooling circuits | 1 |
| Tank | Material: Plastic PP Volume: 2.5 l |
| Packaging unit | 1 pc(s). |
| Net weight | 48 kg |
| Gross weight | 53 kg |
| Customs tariff number | 84186900 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |

Features

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|---------------------|---|
| Product description | SK Chiller TopTherm, Stand alone, open, 3753/5152 BTU/h, 230 V, 1~, 50/60 Hz, WHD: 600 x 400 x 430 mm |
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Approvals

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