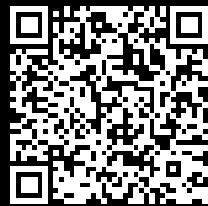


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SK 3319.610

TopTherm chillers

State: 09/01/2026 (Source: rittal.com/com-en)



SK 3319.610 - 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 3319.610 |
| 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: 1.2 kW Cooling output Tw10 Tu32/60 Hz: 1.3 kW |
| Total cooling output Tw18 / Tu32 | Cooling output Tw18 Tu32/50 Hz: 1.5 kW Cooling output Tw18 Tu32/60 Hz: 1.7 kW |
| Total cooling output to DIN EN 14511 Tw18 / Tu35 | Cooling output Tw18 Tu35/50 Hz: 1.7 kW Cooling output Tw18 Tu35/60 Hz: 1.9 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

| | |
|---|--|
| 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 CO ₂ equivalent (CO ₂ e): 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 |
| Power consumption Pel | At 50 Hz: 0.86 kW At 60 Hz: 1.07 kW |
| Rated current max. | At 50 Hz: 5.7 A At 60 Hz: 5.6 A |
| Energy efficiency ratio (EER) 50 Hz Tw18/Tu35 DIN EN 14511 | 1.77 |
| Water circuit | hermetically open |
| Water connections | G ½" internal thread |
| Number of cooling circuits | 1 |
| Tank | Material: PP plastic Volume: 2.5 l |
| Packs of | 1 pc(s). |
| Net weight | 51 |
| Gross weight | 56 |
| Customs tariff number | 84186900 |
| EAN | 4028177351165 |
| ETIM 9 | EC002516 |
| ETIM 8 | EC002516 |
| ECLASS 8.0 | 27180713 |

Approvals

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

Tender text

Total cooling output at TW 18 °C / TU 35°C, 50/60 Hz 1.7/1.9 kw

Air throughput unimpeded airflow: 900 m³/h

Rated operating voltage: 230 V, 50/60 Hz, 1~

Dimensions [W x H x D]: 600 x 400 x 455

Refrigerant: R-513A / 975 g

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: 1/2" (internal thread)

Protection category to EN 60 529/10.91: IP 44

Weight: 51 kg

Colour: RAL 7035