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SK 3304.540

TopTherm wall-mounted cooling unit Blue e

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3304.540 - TopTherm wall-mounted cooling unit Blue e 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".



Features

| | |
|---|---|
| Model No. | SK 3304.540 |
| Product description | Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). |
| Benefits | May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller |
| Material | Sheet steel |
| Colour | RAL 7035 |
| Supply includes | Condenser with hydrophobic RiNano coating Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1.1 kW Cooling output L35 L35/60 Hz: 1.25 kW Cooling output L35 L50/50 Hz: 0.98 kW Cooling output L35 L50/60 Hz: 0.9 kW |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |

Features

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|--|---|
| Rated current max. | At 50 Hz: 2.2 A At 60 Hz: 2.1 A |
| Start-up current max. | At 50 Hz: 11.5 A At 60 Hz: 12.7 A |
| Air throughput (unimpeded air flow) | External circuit: 950 m ³ /h Internal circuit: 540 m ³ /h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.72 Refrigeration factor L35 L35 (EER) 60 Hz: 1.58 |
| Design | wall-mounted |
| Dimensions | Width: 400 mm Height: 950 mm Depth: 260 mm |
| Protection category to IEC 60 529 | External circuit IP 34 Internal circuit IP 54 |
| Protection category NEMA | UL Type 12 |
| Refrigerant/cooling medium | Refrigerant: R134a Quantity: 0.325 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 0.46 t |
| Temperature control | e-Comfort controller (factory setting +35 °C) |
| Operating temperature range | 10 °C...55 °C |
| Storage temperature range | -40 °C...70 °C |
| Setting range | 20 °C...55 °C |
| Power consumption Pel | Power consumption L35 L35/50 Hz: 0.64 kW Power consumption L35 L35/60 Hz: 0.79 kW Power consumption L35 L50/50 Hz: 0.73 kW Power consumption L35 L50/60 Hz: 0.9 kW |
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Motor circuit-breaker: 6.3...10 A |
| Packs of | 1 pc(s). |
| Weight/pack | 40 kg |

Features

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|------------------------------|---------------|
| Copper weight (kg per piece) | 0 |
| Customs tariff number | 84158200 |
| EAN | 4028177322943 |
| ETIM 7.0 | EC000855 |
| ECLASS 8.0 | 27180704 |

Approvals

| | |
|-----------|---|
| Approvals | CSA UL + C-UL - FTTA UR + C-UR (recognized) |
|-----------|---|

| | |
|--------------|-----|
| Certificates | EAC |
|--------------|-----|

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

Tender text

TopTherm wall-mounted cooling unit Blue e
Energy-efficient Blue e wall-mounted cooling units
with e-comfort controller integrated as standard,
electrical condensate evaporation
and hydrophobic RiNano coating on the condenser.

Total cooling output:

L 35 L 35 at 50 Hz: 1.1 kW

L 35 L 35 at 60 Hz: 1.25 kW

L 35 L 50 at 50 Hz: 0.98 kW

L 35 L 50 at 60 Hz: 0.9 kW

Power consumption:

L 35 L 35 at 50 Hz: 0.64 kW

L 35 L 35 at 60 Hz: 0.79 kW

L 35 L 50 at 50 Hz: 0.73 kW

L 35 L 50 at 60 Hz: 0.9 kW

Air throughput of fans unimpeded airflow external: 900
m³/h

Air throughput of fans unimpeded airflow internal: 600
m³/h

Energy efficiency ratio EER: 1.72

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

Dimensions [W x H x D]: 400 x 950 x 260 mm

Refrigerant: R134a

Temperature control: e-Comfort controller (factory
setting +35°C)

Ambient temperature range: 10°C to 55°C

Setting range: 20°C to 55°C

Protection category to IEC 60 529: External circuit IP
34

Protection category to IEC 60 529: Internal circuit IP
54

Weight: 40 kg

Material: Sheet steel

Colour: RAL 7035