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SK 3332.640

TopTherm wall-mounted cooling unit Blue e

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ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3332.640 - 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 3332.640 |
| Design | wall-mounted |
| 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 |
| Product modification | The unit will be available with R134a refrigerant until 31 December 2026. From 1 January 2025, the unit will no longer meet the GWP requirements for the US market. As an alternative, we recommend the use of a Blue e+ cooling unit. |
| Material | Stainless steel 1.4301 (AISI 304) |
| Colour | RAL 9007 |
| Supply includes | Condenser with hydrophobic RiNano coating Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation |

Features

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| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 3.95 kW Cooling output L35 L35/60 Hz: 4.35 kW Cooling output L35 L50/50 Hz: 3.02 kW Cooling output L35 L50/60 Hz: 3.52 kW |
| Rated operating voltage | 400 V, 3~, 50 Hz 460 V, 3~, 60 Hz |
| Rated current max. | At 50 Hz: 4.2 A At 60 Hz: 4.2 A |
| Start-up current max. | At 50 Hz: 9.2 A At 60 Hz: 11 A |
| Air throughput (unimpeded air flow) | External circuit: 2,000 m ³ /h Internal circuit: 1,500 m ³ /h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.47 Refrigeration factor L35 L35 (EER) 60 Hz: 2.18 |
| Design | wall-mounted |
| Dimensions | Width: 500 mm Height: 1,580 mm Depth: 340 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: 2.995 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 4.28 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: 1.6 kW Power consumption L35 L35/60 Hz: 2 kW Power consumption L35 L50/50 Hz: 1.87 kW Power consumption L35 L50/60 Hz: 2.34 kW |

Features

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|--|---|
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Motor circuit-breaker: 6.3...10 A |
| Note on Model No. | Extended delivery times. Full installation not possible |
| Packs of | 1 pc(s). |
| Net weight | 102,6 kg |
| Gross weight | 108 kg |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK cooling unit Blue e, wall-mounted, 3.95 kW, 400-460 V, 3~, 50/60 Hz, Stainless steel, WHD: 500 x 1580 x 340 mm |

Approvals

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|--------------|---|
| Approvals | 30 - KC Korea UL + C-UL - FTTA UR + C-UR (recognized) |
| Explanations | Manufacturer's declaration Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK |

Tender text

TopTherm wall-mounted cooling units 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: 3.95 kW

L 35 L 35 at 60 Hz: 4.35 kW

L 35 L 50 at 50 Hz: 3.02 kW

L 35 L 50 at 60 Hz: 3.52 kW

Power consumption:

L 35 L 35 at 50 Hz: 1.6 kW

L 35 L 35 at 60 Hz: 2 kW

L 35 L 50 at 50 Hz: 1.87 kW

L 35 L 50 at 60 Hz: 2.34 kW

Air throughput of fans unimpeded airflow external:
2000 m³/h

Air throughput of fans unimpeded airflow internal:
1500 m³/h

Energy efficiency ratio EER: 2.47

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

Dimensions [W x H x D]: 500 x 1580 x 340 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: 91 kg

Material: Stainless steel