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## SK 3366.540

# TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



# SK 3366.540 - 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 3366.540   |
| 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   |
| Material                                | Sheet steel   |
| Colour                                  | RAL 7035  |
| Supply includes                         | Condenser with hydrophobic RiNano coating<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts<br>Integral electric condensate evaporation<br>Assembly parts for internal mounting |
| Total cooling output to<br>DIN EN 14511 | Cooling output L35 L35/50 Hz: 1.6 kW<br>Cooling output L35 L35/60 Hz: 1.6 kW<br>Cooling output L35 L50/50 Hz: 1.08 kW<br>Cooling output L35 L50/60 Hz: 1.18 kW  |
| Rated operating voltage                 | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz  |
| Note on Model No.                       | For external mounting of the cooling unit, trim frame 3377.000 including assembly parts may be fitted. This gives the cooling unit a closed front appearance.   |

# Features

|  |   |
|--|---|
| Rated current max.                             | At 50 Hz: 2.7 A<br>At 60 Hz: 2.9 A  |
| Start-up current max.                          | At 50 Hz: 8 A<br>At 60 Hz: 8.8 A  |
| Air throughput (unimpeded air flow)            | External circuit: 910 m <sup>3</sup> /h<br>Internal circuit: 860 m <sup>3</sup> /h  |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.9<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.52   |
| Design   | wall-mounted  |
| Special design                                 | Flat  |
| Dimensions                                     | Width: 435 mm<br>Height: 1,590 mm<br>Depth: 205 mm  |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54  |
| Protection category NEMA                       | UL Type 12  |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 0.7 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 1 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: 0.9 kW<br>Power consumption L35 L35/60 Hz: 1.05 kW<br>Power consumption L35 L50/50 Hz: 1.08 kW<br>Power consumption L35 L50/60 Hz: 1.25 kW |
| Permissible operating pressure (p. max.)       | 28 bar  |
| Pre-fuse                                       | Motor circuit-breaker: 6.3...10 A   |
| Packs of                                       | 1 pc(s).  |

# Features

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|                       |  |
|-----------------------|--|
| Net weight            | 62.7 kg  |
| Gross weight          | 66 kg  |
| Customs tariff number | 84158200   |
| ETIM 9                | EC000855   |
| ETIM 8                | EC000855   |
| ECLASS 8.0            | 27180704   |
| Product description   | SK cooling unit Blue e, wall-mounted, slimline, 1.6 kW, 400-460 V, 3~, 50/60 Hz, Sheet steel, WHD: 435 x 1590 x 205 mm |

# Approvals

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|              |   |
|--------------|---|
| Explanations | Declaration of conformity<br>Declaration of conformity UK |
|--------------|---|

# Tender text

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. Slimline.

Total cooling output:

L 35 L 35 at 50 Hz: 1.6 kW

L 35 L 35 at 60 Hz: 1.6 kW

L 35 L 50 at 50 Hz: 1.08 kW

L 35 L 50 at 60 Hz: 1.18 kW

Power consumption:

L 35 L 35 at 50 Hz: 0.91 kW

L 35 L 35 at 60 Hz: 1.06 kW

L 35 L 50 at 50 Hz: 1.08 kW

L 35 L 50 at 60 Hz: 1.25 kW

Air throughput of fans unimpeded airflow external circuit 910 m<sup>3</sup>/h

Air throughput of fans unimpeded airflow internal: 860 m<sup>3</sup>/h

Energy efficiency ratio EER: 1.9

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

Dimensions [W x H x D]: 435 x 1590 x 205 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: 46 kg

Material: Sheet steel

Colour: RAL 7035