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## SK 3332.540

## TopTherm wall-mounted cooling unit Blue e

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3332.540 - 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 3332.540  |
| 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  |
| 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                                | 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  |
| Total cooling output to<br>DIN EN 14511 | Cooling output L35 L35/50 Hz: 3.95 kW<br>Cooling output L35 L35/60 Hz: 4.35 kW<br>Cooling output L35 L50/50 Hz: 3.02 kW<br>Cooling output L35 L50/60 Hz: 3.52 kW   |
| Rated operating voltage                 | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |

# Features

|  |  |
|--|--|
| Rated current max.                             | At 50 Hz: 4.2 A<br>At 60 Hz: 4.2 A   |
| Start-up current max.                          | At 50 Hz: 9.2 A<br>At 60 Hz: 11 A  |
| Air throughput (unimpeded air flow)            | External circuit: 2,000 m³/h<br>Internal circuit: 1,500 m³/h   |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.47<br>Refrigeration factor L35 L35 (EER) 60 Hz: 2.18   |
| Design   | wall-mounted   |
| Dimensions                                     | Width: 500 mm<br>Height: 1,580 mm<br>Depth: 340 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: R134a<br>Quantity: 2.995 kg<br>Global Warming Potential (GWP): 1,430<br>CO2 equivalent (CO2e): 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<br>Power consumption L35 L35/60 Hz: 2 kW<br>Power consumption L35 L50/50 Hz: 1.87 kW<br>Power consumption L35 L50/60 Hz: 2.34 kW |
| Permissible operating pressure (p. max.)       | 28 bar   |
| Pre-fuse                                       | Motor circuit-breaker: 6.3...10 A  |
| Note on Model No.                              | Full installation not possible   |
| Packs of                                       | 1 pc(s).   |

## Features

|                       |               |
|-----------------------|---------------|
| Net weight            | 94.5          |
| Gross weight          | 104           |
| Customs tariff number | 84158200      |
| EAN                   | 4028177317598 |
| E-Number Sweden       | E3404567      |
| ETIM 9                | EC000855      |
| ETIM 8                | EC000855      |
| ECLASS 8.0            | 27180704      |

## Approvals

|              |   |
|--------------|---|
| Approvals    | 30 - KC Korea<br>UL + C-UL - FTTA<br>UR + C-UR (recognized)   |
| Certificates | EAC   |
| Explanations | Manufacturer's declaration<br>Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>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: Sheet steel

Colour: RAL 7035