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## SK 3366.545

# TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



# SK 3366.545 - 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 3366.545                                                                                                                                                                                                                       |
| Design              | wall-mounted<br>Flat                                                                                                                                                                                                              |
| 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     | 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<br>Condenser with hydrophobic RiNano coating |

# Features

|                                                |                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total cooling output to DIN EN 14511           | Cooling output L35 L35/50 Hz: 1.25 kW<br>Cooling output L35 L35/60 Hz: 1.25 kW<br>Cooling output L35 L50/50 Hz: 0.8 kW<br>Cooling output L35 L50/60 Hz: 0.92 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.   |
| Rated current max.                             | At 50 Hz: 1.9 A<br>At 60 Hz: 1.8 A                                                                                                                              |
| Start-up current max.                          | At 50 Hz: 6 A<br>At 60 Hz: 6 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: 1.56<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.39                                                                |
| 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): 0.44 t                        |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)                                                                                                                   |
| Operating temperature range                    | 10 °C...55 °C                                                                                                                                                   |
| Storage temperature range                      | -40 °C...70 °C                                                                                                                                                  |

# Features

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|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Setting range                            | 20 °C...50 °C                                                                                                                                                             |
| Power consumption Pel                    | Power consumption L35 L35/50 Hz: 0.7 kW<br>Power consumption L35 L35/60 Hz: 0.8 kW<br>Power consumption L35 L50/50 Hz: 0.8 kW<br>Power consumption L35 L50/60 Hz: 0.92 kW |
| Permissible operating pressure (p. max.) | 28 bar                                                                                                                                                                    |
| Pre-fuse                                 | Transformer circuit-breaker: 2 A                                                                                                                                          |
| Packs of                                 | 1 pc(s).                                                                                                                                                                  |
| Net weight                               | 50 kg                                                                                                                                                                     |
| Gross weight                             | 58.5 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, 1.25 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 - F-gas regulation |
|--------------|---------------------------------------------------------------------------|