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## SK 3366.540

# Wall-Mounted Cooling Unit TopTherm Blue e

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FRIEDHELM LOH GROUP



# SK 3366.540 - Wall-Mounted Cooling Unit TopTherm Blue e 1023.64 - 13,648.6 BTU/h

Energy efficient Blue e wall mounting cooling units in performance classes 1023.64 to 13648.57 BTU/h, and with integrated electrical condensation evaporation for 3412.14 BTU/h and above. Available in the special formats “horizontal” and “flat”.

## Features

|                                      |  |
|--------------------------------------|--|
| Model No.                            | SK 3366.540  |
| Version                              | wall-mounted   |
| Product description                  | Energy efficient Blue e wall-mounted cooling units in performance classes 300 W to 4000 W and with integrated electrical condensation evaporation for 1000 W and above.  |
| Benefits                             | May be linked to the IoT interface via the Blue e IoT adapter for cooling units with an output of 500 W or higher and e-comfort controllers  |
| Material                             | Carbon steel   |
| Color                                | RAL 7035   |
| Supply includes                      | Condenser with hydrophobic RiNano coating<br>Wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Fasteners<br>Integral electric condensate evaporation<br>Assembly components for “Installation” mounting  |
| Total cooling output to 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<br>Cooling output L35 L35/50 Hz: 5,459 BTU/h<br>Cooling output L35 L35/60 Hz: 5,459 BTU/h<br>Cooling output L35 L50/50 Hz: 3,685 BTU/h<br>Cooling output L35 L50/60 Hz: 4,026 BTU/h |
| Rated operating voltage              | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |

# Features

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| Note on Model No.:                             | Trim frame 3377.000 incl. assembly components can be fitted when mounting the cooling unit. This gives the cooling unit a closed appearance.                                      |
| 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<br>External circuit: 535.6 cfm<br>Internal circuit: 506.2 cfm                                  |
| 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   |
| Version  | wall-mounted  |
| Special design                                 | Flat  |
| Dimensions                                     | Width: 435 mm<br>Height: 1,590 mm<br>Depth: 205 mm<br>Width: 17.1 "<br>Height: 62.6 "<br>Depth: 8.07 "  |
| Protection category IP to EN 60529             | 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<br>Refrigerant: R-513A<br>Quantity: 1.5 lb. |
| Temperature control                            | e-Comfort Controller (factory setting +35 °C)   |
| Operating temperature range                    | 10 °C...55 °C<br>50 °F...131 °F   |

# Features

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| Storage temperature range                | -40 °C...70 °C<br>-40 °F...158 °F   |
| Setting range                            | 20 °C...55 °C<br>68 °F...131 °F   |
| Rated power Pel                          | Rated power L35 L35/50 Hz: 0.9 kW<br>Rated power L35 L35/60 Hz: 1.05 kW<br>Rated power L35 L50/50 Hz: 1.08 kW<br>Rated power L35 L50/60 Hz: 1.25 kW |
| Permissible operating pressure (p. max.) | 28 bar<br>406.1 PSI   |
| Pre-fuse                                 | Motor circuit-breaker: 6.3...10 A   |
| Packaging unit                           | 1 pc(s).  |
| 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, 5459 BTU/h, 400-460 V, 3~, 50/60 Hz, carbon steel, WHD: 435 x 1590 x 205 mm                                   |

# Approvals

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