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## SK 3302.100

# TopTherm wall-mounted cooling unit Blue e

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3302.100 - 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 3302.100  |
| 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                    |
| Total cooling output to<br>DIN EN 14511 | Cooling output L35 L35/50 Hz: 0.31 kW<br>Cooling output L35 L35/60 Hz: 0.33 kW<br>Cooling output L35 L50/50 Hz: 0.15 kW<br>Cooling output L35 L50/60 Hz: 0.18 kW |
| Rated operating voltage                 | 230 V, 1~, 50 Hz/60 Hz   |

# Features

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| Rated current max.                             | At 50 Hz: 1.6 A<br>At 60 Hz: 1.7 A   |
| Start-up current max.                          | At 50 Hz: 3 A<br>At 60 Hz: 3.4 A   |
| Air throughput (unimpeded air flow)            | External circuit: 310 m <sup>3</sup> /h<br>Internal circuit: 345 m <sup>3</sup> /h   |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.07<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.06   |
| Design   | wall-mounted   |
| Dimensions                                     | Width: 280 mm<br>Height: 550 mm<br>Depth: 140 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: 0.11 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.07 t                                    |
| Temperature control                            | Basic controller (factory setting +35 °C)  |
| Operating temperature range                    | 10 °C...50 °C  |
| Operating temperature max @60 Hz               | 50 °C  |
| Storage temperature range                      | -40 °C...70 °C   |
| Setting range                                  | 30 °C...50 °C  |
| Power consumption Pel                          | Power consumption L35 L35/50 Hz: 0.29 kW<br>Power consumption L35 L35/60 Hz: 0.31 kW<br>Power consumption L35 L50/50 Hz: 0.32 kW<br>Power consumption L35 L50/60 Hz: 0.33 kW |
| Permissible operating pressure (p. max.)       | 25 bar   |
| Pre-fuse                                       | Miniature circuit-breaker/fuse: 10 A   |

# Features

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|                       |  |
|-----------------------|--|
| Packs of              | 1 pc(s).   |
| Net weight            | 12.225 kg  |
| Gross weight          | 12.868 kg  |
| Customs tariff number | 84158200   |
| ETIM 9                | EC000855   |
| ETIM 8                | EC000855   |
| ECLASS 8.0            | 27180704   |
| Product description   | SK TopTherm cooling unit, wall-mounted, 0.31 kW, 230 V, 1~, 50/60 Hz, sheet steel, WHD: 280 x 550 x 140 mm |

# Approvals

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|              |   |
|--------------|---|
| Approvals    | 30 - KC Korea<br>UL + C-UL (listed)<br>UL + C-UL - FTTA<br>UR + C-UR (recognized)                         |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |