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## SK 3305.640

# TopTherm wall-mounted cooling unit Blue e

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ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3305.640 - 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 3305.640   |
| 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                                | Stainless steel 1.4301 (AISI 304)   |
| Colour                                  | RAL 9007  |
| 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: 1.6 kW<br>Cooling output L35 L35/60 Hz: 1.61 kW<br>Cooling output L35 L50/50 Hz: 1.1 kW<br>Cooling output L35 L50/60 Hz: 1.25 kW                            |
| Rated operating voltage                 | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz  |

# Features

|  |   |
|--|---|
| Rated current max.                             | At 50 Hz: 2.5 A<br>At 60 Hz: 2.8 A  |
| Start-up current max.                          | At 50 Hz: 12.2 A<br>At 60 Hz: 11.3 A  |
| Air throughput (unimpeded air flow)            | External circuit: 950 m <sup>3</sup> /h<br>Internal circuit: 540 m <sup>3</sup> /h  |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.64   |
| Design   | wall-mounted  |
| Dimensions                                     | Width: 400 mm<br>Height: 950 mm<br>Depth: 260 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: 0.61 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.38 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: 0.8 kW<br>Power consumption L35 L35/60 Hz: 0.98 kW<br>Power consumption L35 L50/50 Hz: 0.87 kW<br>Power consumption L35 L50/60 Hz: 1.15 kW |
| Permissible operating pressure (p. max.)       | 28 bar  |
| Pre-fuse                                       | Motor circuit-breaker: 6.3...10 A   |
| Note on Model No.                              | Extended delivery times.  |
| Packs of                                       | 1 pc(s).  |

# Features

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|                       |               |
|-----------------------|---------------|
| Net weight            | 41.8          |
| Gross weight          | 44            |
| Customs tariff number | 84158200      |
| EAN                   | 4028177379763 |
| ETIM 9                | EC000855      |
| ETIM 8                | EC000855      |
| ECLASS 8.0            | 27180704      |

# Approvals

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|              |   |
|--------------|---|
| Approvals    | 30 - KC Korea<br>UL + C-UL (listed)<br>UL + C-UL - FTTA |
| Certificates | EAC   |
| Explanations | Declaration of conformity                               |