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# SK 3304.510

# TopTherm wall-mounted cooling unit Blue e

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# SK 3304.510 - 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 3304.510 |
| 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<br>Integral electric condensate evaporation |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1.1 kW<br>Cooling output L35 L35/60 Hz: 1.25 kW<br>Cooling output L35 L50/50 Hz: 0.91 kW<br>Cooling output L35 L50/60 Hz: 0.9 kW |
| Rated operating voltage | 115 V, 1~, 50 Hz/60 Hz |
| Rated current max. | At 50 Hz: 8.7 A<br>At 60 Hz: 9.7 A |
| Start-up current max. | At 50 Hz: 26 A<br>At 60 Hz: 28 A |

# Features

| | |
|---|---|
| Air throughput (unimpeded air flow) | External circuit: 805 m³/h<br>Internal circuit: 600 m³/h |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.67<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.52 |
| 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: 0.325 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.21 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: 0.66 kW<br>Power consumption L35 L35/60 Hz: 0.82 kW<br>Power consumption L35 L50/50 Hz: 0.77 kW<br>Power consumption L35 L50/60 Hz: 0.89 kW |
| Permissible operating pressure (p. max.) | 28 bar |
| Pre-fuse | Transformer circuit-breaker: 11...16 A |
| Packs of | 1 pc(s). |
| Net weight | 41.25 kg |
| Gross weight | 44 kg |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84158200 |

# Features

| | |
|---|---|
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK cooling unit Blue e, wall-mounted, 1.1 kW, 115 V, 1~, 50/60 Hz, Sheet steel, WHD: 400 x 950 x 260 mm |

# Approvals

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

# Tender text

TopTherm wall-mounted cooling unit Blue e
Benefits :
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
Fully wired ready for connection (plug-in terminal strip)
Drilling template
Assembly parts
Integral electric condensate evaporation
Total cooling output to DIN EN 14511
Cooling output L35 L35/50 Hz: 1.1 kW
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Quantity: 0.325 kg
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$CO_2$ equivalent ($CO_2e$): 0.21 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
Net weight
41.25 kg