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## SK 3386.640

# TopTherm Blue e Roof-Mounted Cooling Unit

State: 4/8/2025 (Source: [rittal.com/us-en](http://rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3386.640 - TopTherm Blue e Roof-Mounted Cooling Unit Total cooling output 1706.07 - 13648.57 BTU/h

Energy-efficient Blue e roof-mounted cooling units in output categories 1706.07 - 13648.57 BTU/h with e-Comfort controller integrated as standard and electrical condensate evaporation.

## Features

|                                      |  |
|--------------------------------------|--|
| Model No.                            | SK 3386.640  |
| Version                              | roof-mounted   |
| Product description                  | Energy-efficient Blue e roof-mounted cooling units with integral e-Comfort controller and electric condensate evaporation as standard.   |
| 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                             | Stainless steel 1.4301 (AISI 304)  |
| Color                                | RAL 9007   |
| Supply includes                      | Condenser with hydrophobic RiNano coating<br>Integral electric condensate evaporation<br>Wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Fasteners   |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 3 kW<br>Cooling output L35 L35/60 Hz: 3.3 kW<br>Cooling output L35 L50/50 Hz: 2.2 kW<br>Cooling output L35 L50/60 Hz: 2.5 kW<br>Cooling output L35 L35/50 Hz: 10,236 BTU/h<br>Cooling output L35 L35/60 Hz: 11,260 BTU/h<br>Cooling output L35 L50/50 Hz: 7,507 BTU/h<br>Cooling output L35 L50/60 Hz: 8,530 BTU/h |
| Rated operating voltage              | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz   |

# Features

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| Note   | Due to its low noise level, the roof-mounted cooling unit 3273.500 is also suitable for use in office applications.  |
| Rated current max.                             | At 50 Hz: 3.4 A<br>At 60 Hz: 3.4 A   |
| Start-up current (max.)                        | At 50 Hz: 8 A<br>At 60 Hz: 9 A   |
| Air throughput (unimpeded air flow)            | External circuit: 3,450 m <sup>3</sup> /h<br>Internal circuit: 1,280 m <sup>3</sup> /h<br>External circuit: 2,030.6 cfm<br>Internal circuit: 753.4 cfm                               |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 2.29<br>Refrigeration factor L35 L35 (EER) 60 Hz: 2.13   |
| Version  | roof-mounted   |
| Dimensions                                     | Width: 796 mm<br>Height: 470 mm<br>Depth: 580 mm<br>Width: 31.3 "<br>Height: 18.5 "<br>Depth: 22.8 "   |
| Protection category IP to EN 60 529            | External circuit, IP 34<br>Internal circuit, IP 54   |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 1.6 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 1.01 t<br>Refrigerant: R-513A<br>Quantity: 3.5 lb. |
| Type of connection (electrical)                | Plug-in terminal strip   |
| Duty cycle                                     | 100 %  |
| Temperature control                            | e-Comfort Controller (factory setting +35 °C)  |
| Operating temperature range                    | 10 °C...55 °C<br>50 °F...131 °F  |
| Storage temperature range                      | -40 °C...70 °C<br>-40 °F...158 °F  |

# Features

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| Setting range                            | 20 °C...55 °C<br>68 °F...131 °F  |
| Rated power Pel                          | Rated power L35 L35/50 Hz: 1.31 kW<br>Rated power L35 L35/60 Hz: 1.55 kW<br>Rated power L35 L50/50 Hz: 1.49 kW<br>Rated power L35 L50/60 Hz: 1.76 kW |
| Permissible operating pressure (p. max.) | 28 bar<br>406.1 PSI  |
| Pre-fuse                                 | Motor circuit-breaker: 6.3...10 A  |
| Note on Model No.:                       | Delivery times on request.   |
| Packaging unit                           | 1 pc(s).   |
| Net weight                               | 74.1   |
| Gross weight                             | 88   |
| Customs tariff number                    | 84158200   |
| EAN                                      | 4028177380226  |
| 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<br>Declaration of conformity UK |