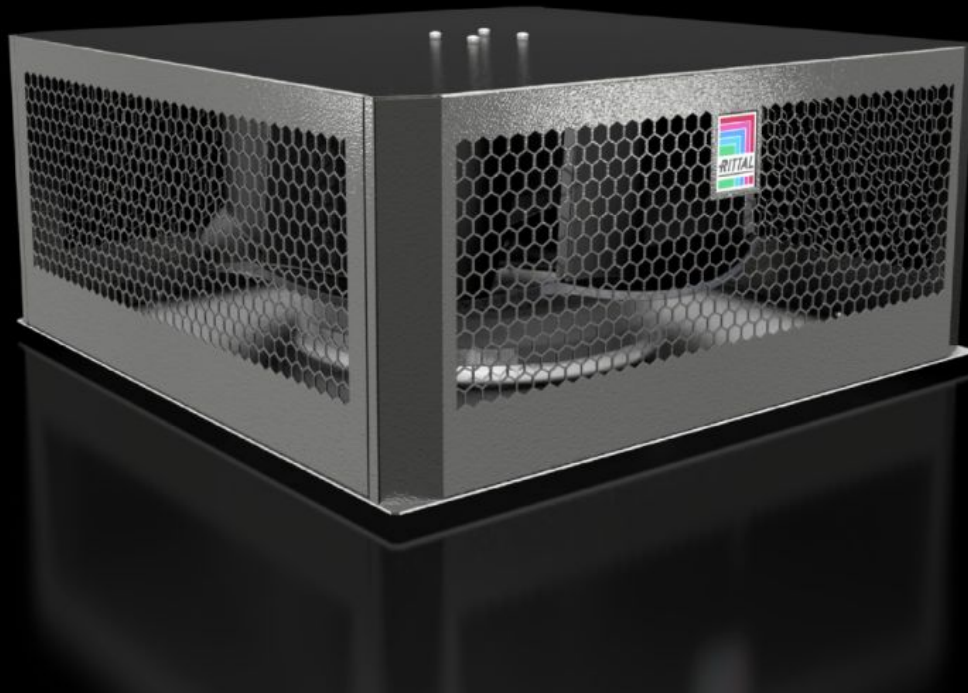


# Rittal – The System.

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## SK 3166.115 Roof-mounted fans

State: 22/05/2026 (Source: [rittal.com/com-en](http://rittal.com/com-en))

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FRIEDHELM LOH GROUP



# SK 3166.115 - Roof-mounted fans for VX IT, TS IT

Roof-mounted fan with an exceptionally low noise level of 39 dB(A) and a high volumetric flow (unimpeded air flow 1245 to 1345 m<sup>3</sup>/h), for use in office environments.

## Features

|                         |  |
|-------------------------|--|
| Model No.               | SK 3166.115  |
| Benefits                | Simple connection system with C13 IEC 320 socket<br>Energy-efficient speed control with preset characteristic curve<br>Very quiet and therefore suitable for office environments<br>International approvals and multi-voltage capability for worldwide use |
| Applications            | for the office sector  |
| Function principle      | The speed-regulated fan modifies output to the actual requirements   |
| Material                | Sheet steel, spray-finished  |
| Colour                  | RAL 9005   |
| Supply includes         | 1 fan unit<br>Speed control<br>Fully wired ready for connection<br>Assembly parts<br>Installation and Short User's Guide<br>Without roof plate   |
| Rated operating voltage | 100 V - 130 V, 1~, 50 Hz/60 Hz   |
| Note on Model No.       | Reduction in the specified air throughput to 800 m <sup>3</sup> /h at 40 Pa counterpressure using two vented base/plinth trim panels   |
| Rated current max.      | At 50 Hz: 0.5 A<br>At 60 Hz: 0.5 A   |
| Design                  | Pre-configured   |
| Dimensions              | Width: 470 mm<br>Height: 200 mm<br>Depth: 470 mm   |
| Mounting cut-out        | Width:410 mm<br>Depth:410 mm   |

# Features

|                                     |   |
|-------------------------------------|---|
| Protection category to IEC 60 529   | IP 20   |
| Temperature control                 | Speed-controlled fan  |
| Operating temperature range         | 5 °C...55 °C  |
| Power consumption Pel               | Power consumption L35 L35/50 Hz: 24 W<br>Power consumption L35 L35/60 Hz: 24 W  |
| Air throughput (unimpeded air flow) | 1,245 m³/h  |
| Air throughput (at operating point) | 800 m³/h  |
| Noise level (at operating point)    | 39 dB(A)  |
| Pre-fuse                            | Miniature circuit-breaker/fuse: 10 A  |
| Packs of                            | 1 pc(s).  |
| Net weight                          | 11.267 kg   |
| Gross weight                        | 11.86 kg  |
| Customs tariff number               | 84145915  |
| ETIM 9                              | EC000320  |
| ETIM 8                              | EC000320  |
| ECLASS 8.0                          | 27180716  |
| Product description                 | SK Roof-mounted fan 100-130 V, 50-60 Hz, speed-controlled, 800 m³/h, for VX IT, for office environments (very quiet), WxHxD: 470x200x470 mm, RAL 9005 |

# Approvals

|              |                           |
|--------------|---------------------------|
| Approvals    | UL + C-UL (listed)        |
| Explanations | Declaration of conformity |

# Tender text

SK roof fan 100-130 V, 50-60Hz

Order No. SK 3166.115

Roof fan for active ventilation of an enclosure.

Use, directly in the cut-out integrated in the roof panel of the dimension WxD 410x410 mm.

Applicable e.g. for manufacturer Rittal, enclosure series VX IT, TS IT.

Complete unit ready for connection with C 13 cold appliance socket

Incl. radial fan, speed controller, fixing material and mounting instructions.

Technical data:

Rated operating voltage:

100-130 V, 1~, 50/60 Hz

Rated power: 24 W at 50/60 Hz

Rated current (max.) at 50/60 Hz: 0.5 A

Fine-wire fuse T 10 A, 250 V, 5 x 20 mm integrated

Air performance free blowing:

1245 m<sup>3</sup>/h, 50/60 Hz

Air performance at operating point:

800 m<sup>3</sup>/h at 40 Pa, 50/60 Hz

Sound pressure level at operating point: 39 dB (A)

Operating temperature range:

+5°C to + 55°C

Dimensions WxHxD in mm: 470x200x470 mm

Protection class according to IEC 60529: IP 20

Material: sheet steel, painted

Color: RAL 9005 Matt, fine structure

Order No. SK 3166.115

Manufacturer: Rittal