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DATA SHEET
DE-STD · SNBV · Rev. 2026

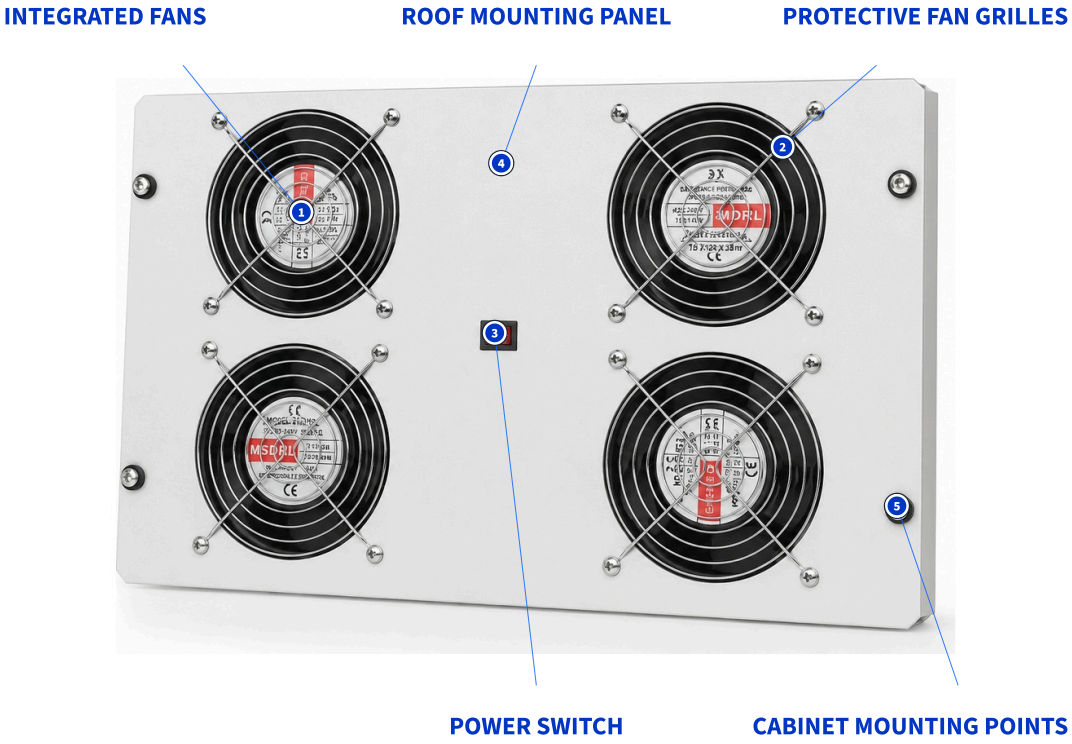
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CABINET ACCESSORIES

SNBV Roof Fan Unit

Roof Fan Unit, 2 / 4 Fans, Mechanical Thermostat



The SNBV Series roof fan unit is designed to provide forced ventilation and support heat removal inside floor-standing telecommunications cabinets. It is installed in the cabinet roof and uses integrated fans to circulate air through the enclosure. A mechanical thermostat automatically controls fan operation according to the internal temperature. The series is available in configurations with two or four fans.

AT A GLANCE

Product family	**SNBV Series Roof Fan Unit**
Category	**Ventilation Accessory**
Application	**Indoor**
Mounting	**Roof-Mounted**
Control	**Mechanical Thermostat**
Fan configuration	**2 / 4 Fans**

NUMBERED DETAILS IN THE PHOTO

1. **Integrated Fans**
   Provide forced air circulation to support heat removal from the cabinet.
2. **Protective Fan Grilles**
   Help protect the fan openings from accidental contact with rotating components.
3. **Power Switch**
   Allows manual switching of the roof fan unit power supply on and off.
4. **Roof Mounting Panel**
   Forms the mounting base for installation of the fan unit in the cabinet roof.
5. **Cabinet Mounting Points**
   Provide secure attachment of the fan unit to the cabinet roof structure.

1 Key figures

Fan Configuration

2 / 4

Supply Voltage

230 V AC

Thermostat Type

Mechanical

Fan Type

Ball Bearing

Mounting Panel Size

470 × 280 mm

2 Key features

Thermostatic Control	Mechanical thermostat automatically switches fan operation according to the cabinet temperature.
Forced Air Circulation	Supports continuous air movement through the cabinet to assist heat removal from installed equipment.
Manual Power Switching	An integrated switch allows the roof fan unit power supply to be switched on or off manually.
Temperature Sensor	The mechanical thermostat responds to temperature changes inside the cabinet.
Protective Fan Grilles	Help prevent accidental contact with rotating fan components.
Steel Construction	Formed steel mounting panel provides a rigid base for the fan assembly.
Roof-Mounted Installation	Designed for direct installation in the cabinet roof.
Detachable Power Connection	Power is connected through a separate detachable mains cord.

TYPICAL APPLICATIONS

- Roof-Mounted Cabinet Ventilation
- Ventilation of Network and Telecommunications Cabinets

- Heat Removal from Active Equipment
- Temperature-Controlled Cabinet Ventilation

WHAT'S IN THE BOX

- SNBV Roof Fan Unit — 1 pc
- M6 Mounting Kit — 4 pcs

Power cord is supplied separately and must be ordered separately.

COMPATIBLE WITH



Floor cabinet SN-IRON

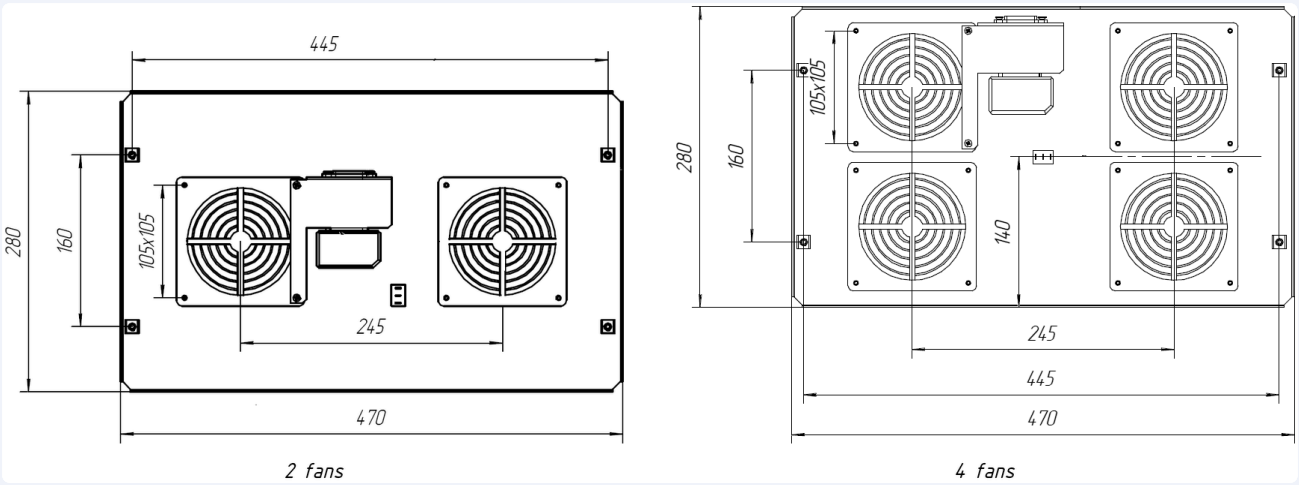
3 Size and configuration matrix

Each row lists one SNBV Series Roof Fan Unit model. Columns give external dimensions (width by height by depth), the number of fans, total airflow and total fan power at 50 and 60 hertz, and net weight.

Model	Dimensions (W × H × D) (mm)	Fans	Airflow (m^3/h)	Fan power (W)	Net weight (kg)
SNBV-RFU-2-MT	**470 × 41 × 280** mm	**2**	**276 / 324** m^3/h	**42 / 36** W	2.30 kg
SNBV-RFU-4-MT	**470 × 41 × 280** mm	**4**	**552 / 648** m^3/h	**84 / 72** W	3.00 kg

Both models have the same dimensions; they differ in the number of fans. Where two values are given, the first applies at 50 Hz and the second at 60 Hz. Airflow and fan power are the sums of the fan ratings; airflow is rated in free air. Each fan: 120 × 120 × 38 mm, ball bearing; 200–240 V AC, 50/60 Hz; 2600 / 3000 rpm; 43 / 48 dB(A); 138 / 162 m^3/h; 21 / 18 W.

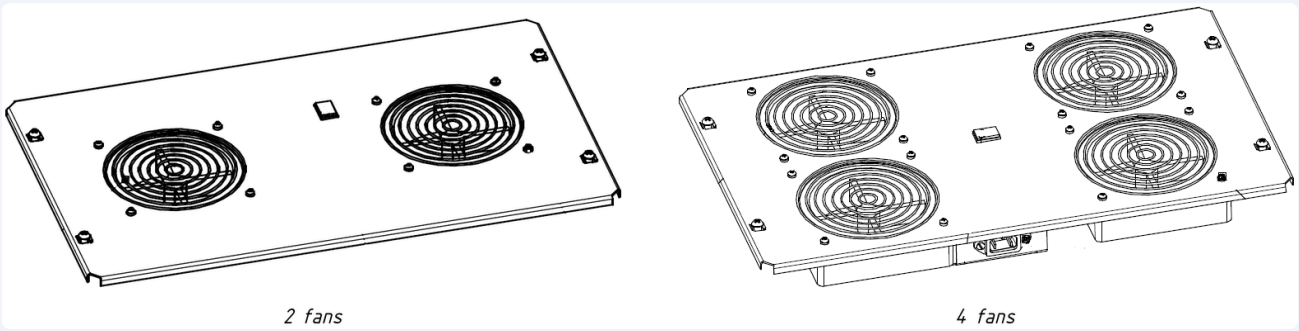
4 Technical drawings



2 fans 4 fans

TOP VIEW

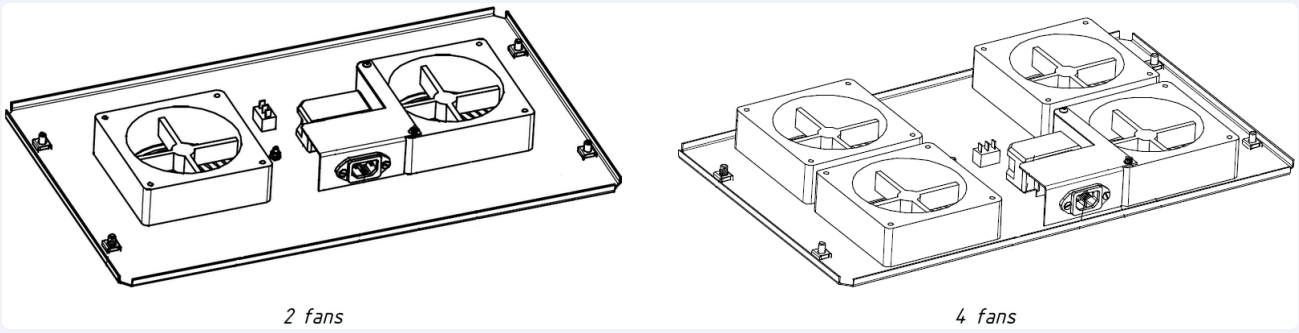
Two top views side by side, from above the cabinet roof: the 2-fan model on the left, the 4-fan model on the right, at the same scale. Each shows the fan housings and the thermostat housing on the steel panel. Marked dimensions: panel 470 × 280 mm; 445 mm and 160 mm between the centres of the cabinet mounting points; 245 mm between fan centres; 105 × 105 mm between the fan mounting holes; on the 4-fan model, 140 mm from the panel edge to the centre line of the lower row of fans.



2 fans 4 fans

BOTTOM VIEW

Two isometric views side by side of the side that faces into the cabinet: the 2-fan model on the left, the 4-fan model on the right, at the same scale. Each shows the protective fan grilles, the power switch at the centre of the panel and the cabinet mounting points along the short edges. No dimensions are marked.



GENERAL VIEW

Two isometric views side by side from above the cabinet roof: the 2-fan model on the left, the 4-fan model on the right, at the same scale. Each shows the fan housings on the steel panel, the thermostat housing with the power inlet, and the cabinet mounting points. No dimensions are marked.

5 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SNBV-RFU-[F]-MT-[RAL]`

`SNBV`

Series name

`RFU`

Roof fan unit

`[F]`

Number of fans — 2, 4

`MT`

Mechanical thermostat

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SNBV-RFU-4-MT-9005` Roof fan unit, four fans, mechanical thermostat, RAL 9005 black.

Made in Europe

Powered by SteelNet

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