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Deep Networks Group

DATA SHEET
DE-STD · SNV · Rev. 2026

ON THIS PAGE

Overview
Key figures
Key features
Applications and contents
Size and configuration matrix
Technical drawings
Colour and ordering

CABINET ACCESSORIES

SNV Roof Fan Unit

Roof Fan Unit, 2 / 4 Fans, Mechanical Thermostat



The SNV 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	**SNV 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 Inlet**
   Provides connection of the external power cord to the fan unit.
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

438 × 290 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

- SNV 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-NO



Floor cabinet SN-CONNECT



Floor cabinet SN-NOS

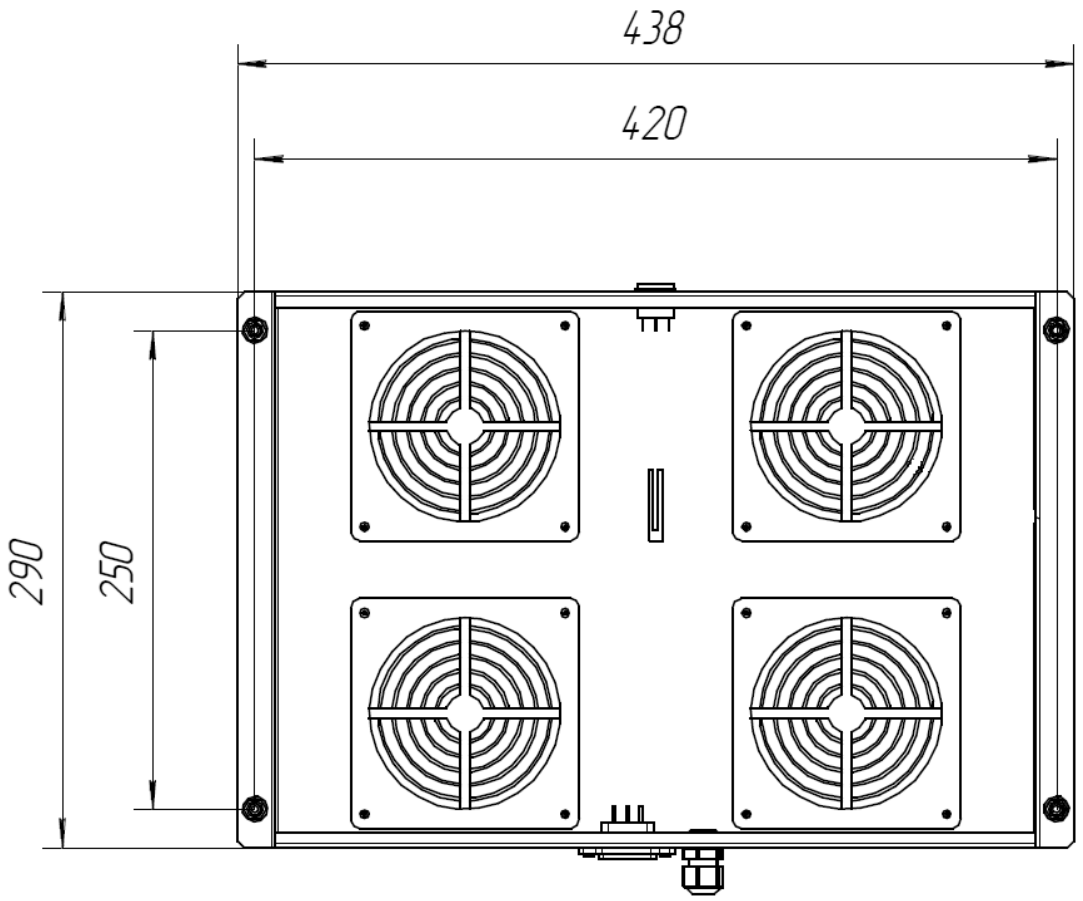
3 Size and configuration matrix

Each row lists one SNV 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)
SNV-RFU-2-MT	**438 × 44.5 × 290** mm	**2**	**276 / 324** m^3/h	**42 / 36** W	2.70 kg
SNV-RFU-4-MT	**438 × 44.5 × 290** mm	**4**	**552 / 648** m^3/h	**84 / 72** W	3.35 kg

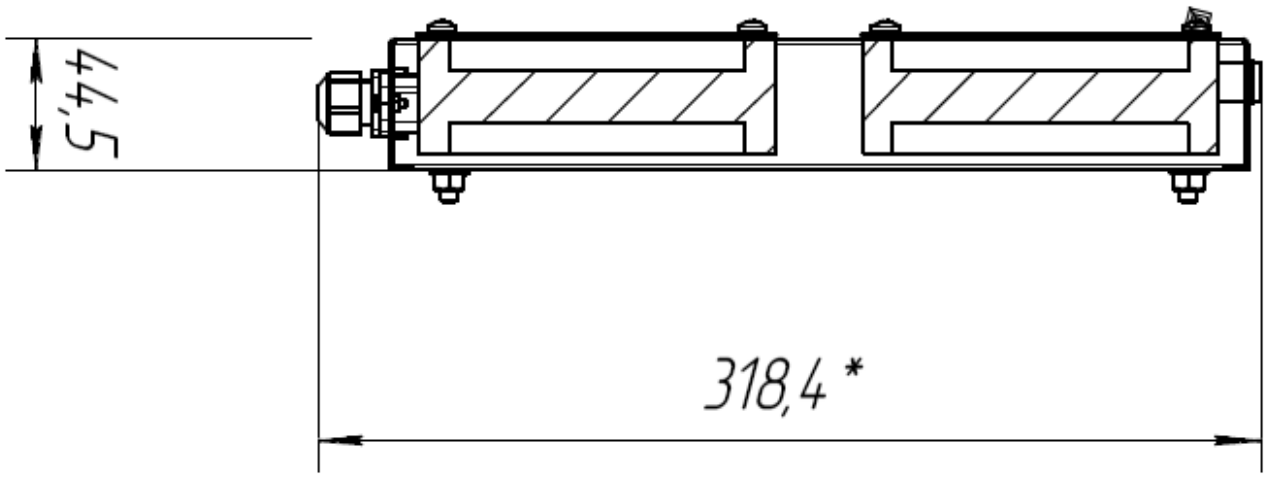
Both models have the same dimensions; they differ in the number of fans. Depth 290 mm is the panel body; with the cable gland the overall depth is 318.4 mm. Where two values are given, the first applies at 50 Hz and the second at 60 Hz. Airflow and fan power are the sums of the fan ratings; airflow is 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



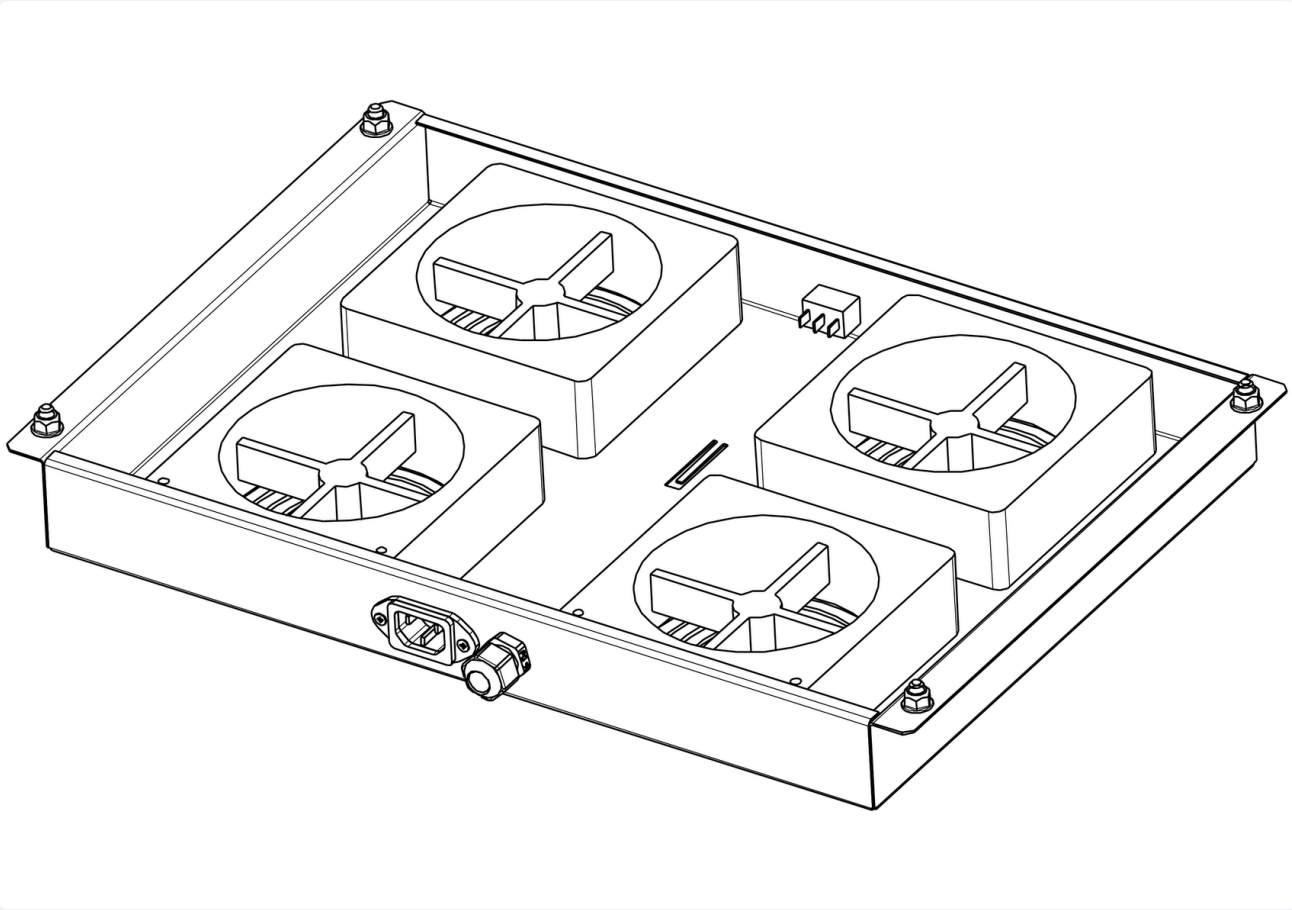
BOTTOM VIEW

Bottom view of the 4-fan model, from inside the cabinet: four fans behind protective grilles in two rows, the mounting flanges along both short edges with one cabinet mounting point at each corner, and the cable gland and power inlet on the lower edge. Marked dimensions: overall width 438 mm; overall depth 290 mm; 420 mm and 250 mm between the centres of the cabinet mounting points. The 2-fan model has the same body.



SIDE VIEW

Section through the 4-fan model along its depth: two fans in the steel body, the fan grille fixings and the cabinet mounting nuts, with the cable gland at one end. Marked dimensions: height 44.5 mm; overall depth 318.4 mm including the cable gland, a reference size.



GENERAL VIEW

Isometric view of the 4-fan model from above, the side that faces the cabinet roof: four fan housings on the steel panel, the power switch near the rear wall, the thermostat slot at the centre, the power inlet and cable gland on the front wall, and mounting nuts on the flanges at the four corners. No dimensions are marked.

5 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

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

SNV

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

Made in Europe

Powered by SteelNet

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