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Deep Networks Group

DATA SHEET
DE-STD · SN-FT · Rev. 2026

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RACK ACCESSORIES

SN-FT 19-inch Fan Tray

19″ Fan Tray, 1U, 2 / 4 Fans, Electronic Thermostat



The 19-inch fan tray is designed to provide forced ventilation and support heat removal inside standard 19-inch cabinets. It is installed directly in the 19-inch mounting space and uses axial fans to circulate air through the cabinet. An electronic 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	**19-inch Fan Tray**
Category	**Rack Accessory**
Application	**Indoor**
Mounting	**19-inch Rack-Mounted**
Control	**Electronic Thermostat**
Fan configuration	**2 / 4 Fans**

NUMBERED DETAILS IN THE PHOTO

1. **Electronic Thermostat**
   Automatically controls fan operation according to the temperature inside the cabinet.
2. **Power Switch**
   Provides manual switching of the fan tray power supply on and off.
3. **Integrated Fans**
   Provide forced air circulation to support heat removal from the cabinet.
4. **19″ Mounting Brackets**
   Provide secure installation of the fan tray in a standard 19-inch mounting space.
5. **Ventilation Openings**
   Provide an open airflow path through the upper cover above the installed fans.

1 Key figures

Rack Standard
19″

Height	**1U**
Fan Configuration	**2 / 4**
Supply Voltage	**230 V AC**
Fan Type	**Ball Bearing**

2 Key features

Electronic Temperature Control	Automatically switches fan operation according to the measured cabinet temperature.
Forced Air Circulation	Supports continuous air movement through the cabinet to assist heat removal from installed equipment.
Manual Power Switching	A front-mounted switch allows the fan tray power supply to be switched on or off manually.
Temperature Sensor	The thermostat monitors cabinet temperature using an integrated sensor.
Ventilation Openings	Openings above the fans provide a clear airflow path through the upper cover.
Steel Construction	Formed steel construction provides mechanical rigidity for cabinet installation.
Front Service Access	The thermostat and power switch are accessible from the front of the installed unit.
Detachable Power Connection	Power is connected through a separate detachable mains cord.

TYPICAL APPLICATIONS

- Ventilation of Network Cabinets
- Ventilation of Telecommunications Cabinets

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

WHAT'S IN THE BOX

- 19-inch Fan Tray — 1 pc
- M6 Mounting Kit — 4 pcs

Power cord is supplied separately and must be ordered separately.

COMPATIBLE WITH



Wall cabinet



Floor cabinet

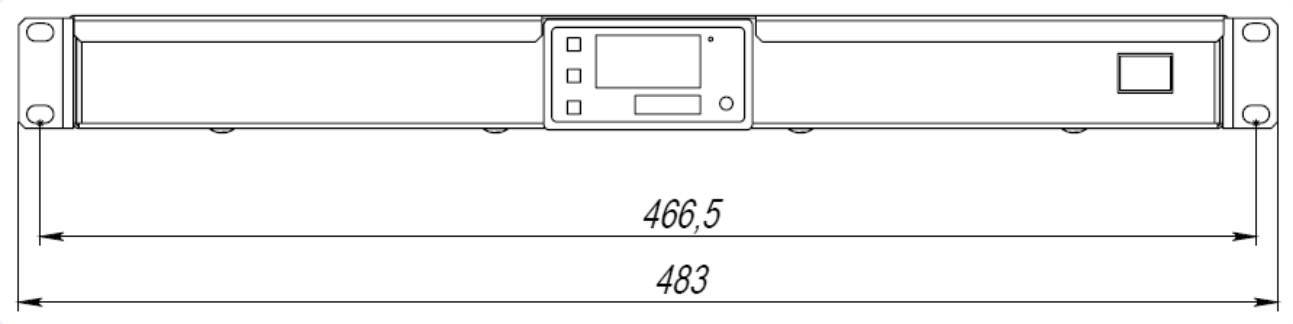
3 Size and configuration matrix

Each row lists one SN-FT 19-inch Fan Tray model. Columns give external dimensions (width by height by depth), mounting height, the number of fans, total airflow and total fan power at 50 and 60 hertz, and net weight.

Model	Dimensions (W × H × D) (mm)	Mounting height	Fans	Airflow (m^3/h)	Fan power (W)	Net weight (kg)
SN-FT-19-1U-2-ET	**483 × 43 × 169** mm	**1U**	**2**	**276 / 324** m^3/h	**42 / 36** W	3.10 kg
SN-FT-19-1U-4-ET	**483 × 43 × 304** mm	**1U**	**4**	**552 / 648** m^3/h	**84 / 72** W	4.50 kg

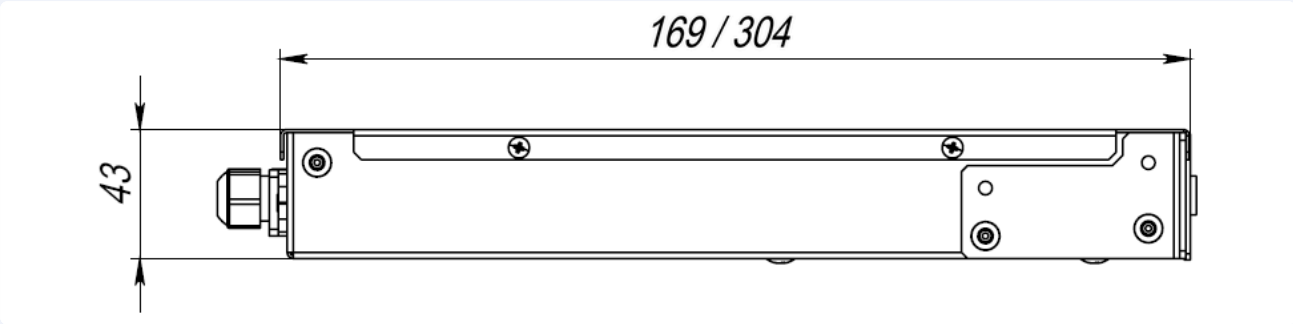
Both models have the same width and height; they differ in depth and in the number of fans. Where two values are given, the first applies at 50 Hz and the second at 60 Hz. Airflow and fan power are the sums of the fan ratings; airflow is rated in free air. Each fan: 120 × 120 × 38 mm, ball bearing; 200–240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

4 Technical drawings



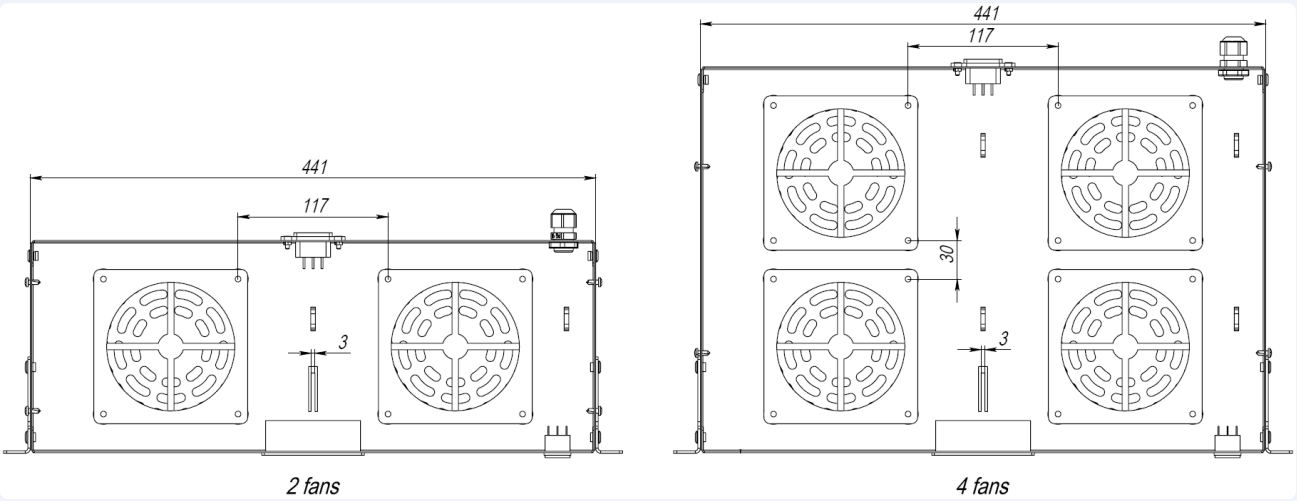
FRONT VIEW

Front view, common to both models: the front panel with the electronic thermostat at the centre and the power switch on the right. Marked dimensions: overall width 483 mm; 466.5 mm between the centres of the mounting holes.



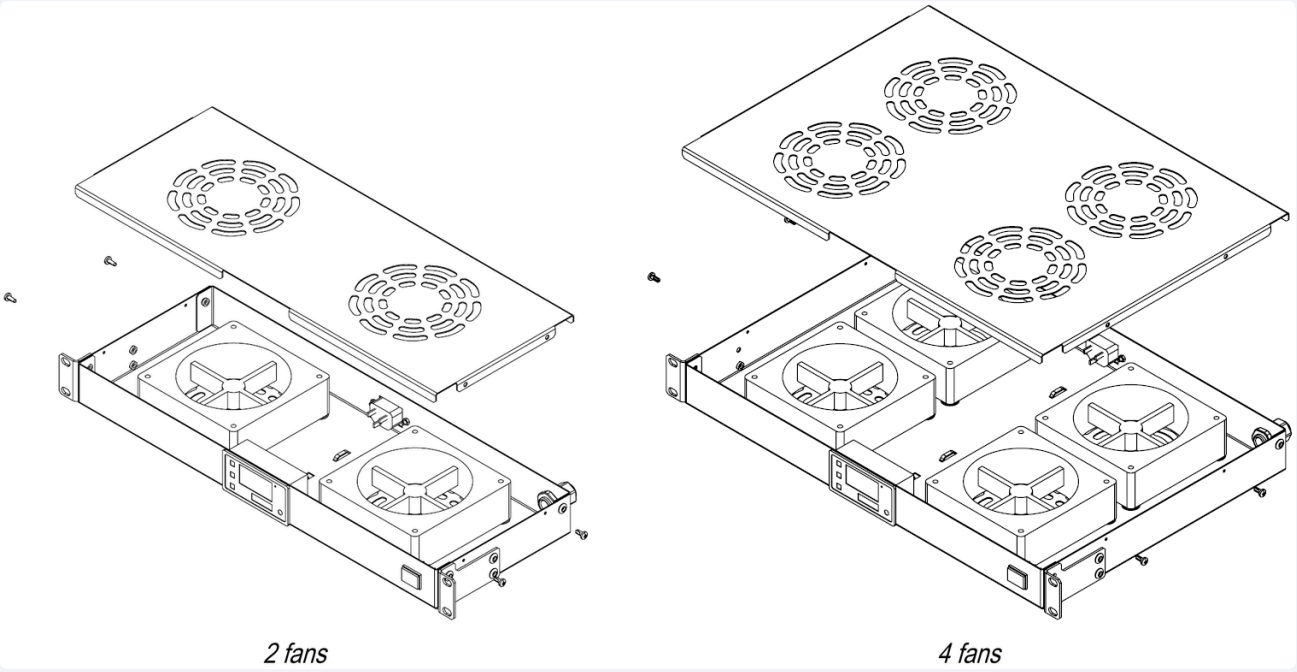
SIDE VIEW

Side view of the 4-fan model with the cable gland at the rear; the 2-fan model differs only in depth. Marked dimensions: depth 169 mm for the 2-fan model or 304 mm for the 4-fan model; height 43 mm.



TOP VIEW — COVER REMOVED

Two top views side by side with the upper cover removed: the 2-fan model on the left, the 4-fan model on the right, both at the same scale. Marked dimensions: inner width 441 mm; 117 mm between the fan mounting holes; 3 mm slot width; on the 4-fan model, 30 mm between the two rows of fans.



GENERAL VIEW

Two isometric exploded views side by side: the 2-fan model on the left, the 4-fan model on the right, at the same scale. The upper cover with its ventilation openings is lifted off the steel housing, showing the fans, the thermostat behind the front panel and the power connector. No dimensions are marked.

5 Standards and certification

- ✓ **IEC 60297-1**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 1: panels and racks
- ✓ **IEC 60297-2**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 2: assemblies and subracks
- ✓ **EIA-310** Cabinets, racks, panels, and associated equipment

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SN-FT-19-1U-[F]-ET-[RAL]`

`SN-FT`

Series name

`19`

19-inch rack standard

`1U`

Height 1U

`[F]`

Number of fans — 2, 4

`ET`

Electronic thermostat

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-FT-19-1U-4-ET-9005`

19-inch fan tray, 1U, four fans, electronic thermostat, RAL 9005 black.

IEC 60297 · EIA-310 · Made in Europe

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DeepNet Europe Sp. z o.o.
ul. Szczecińska 16 G, 05-300 Mińsk Mazowiecki, Poland
info@deepnet.pl · deepneteu.app (https://deepneteu.app)