Series
VENTS Stone

Flush-mounted axial fans for extract ventilation up to **113** m^3/h

Application

- For flush wall mounting in a wall finished with ceramic tiles or decorative panels.
- Continuous or periodic ventilation of bathrooms, showers, cooking areas and other utility rooms.
- To be installed in ventilation shafts or connected to air ducts.
- Moving low and medium air flows over short distances with low-resistance ventilation systems.
- To be installed with Ø 100 mm air ducts.

Design

- The fan has a metal casing for reliable mounting. The rest of the elements are made of high-quality and durable ABS plastic.
- The middle panel can be removed easily for cleaning and setting up the fan.
- The impeller design allows for higher fan efficiency and longer motor service life.
- Ingress protection rating: IP24.

Motor

- Reliable motor with low power consumption.
- Designed for continuous operation and is maintenance-free.
- Equipped with overheating protection.

Modifications and options

Stone K – fan equipped with a back valve to prevent backdraft.

Stone L – the motor is equipped with ball bearings designed to increase the service life (ca. 40 000 working hours). The fan can be installed at any angle; The bearings are maintenance-free and filled with grease for the whole service life.

Stone turbo – high-performance motor.

Stone T – equipped with a regulated timer with the operating time from 2 to 30 minutes.

Stone TH – equipped with a timer with the operating time from 2 to 30 minutes and a humidity sensor with the threshold value from 60 to 90 %.

Control

Manual:

- with a room light switch.
- The switch is not included in the delivery set;
- speed can be adjusted using a thyristor controller (see „Electrical accessories").
- Multiple fans can be connected to a single controller.
- Fans with the T, TH modifications cannot be connected to speed controllers.

Automatic:

- with an electronic control unit **BU-1-60** (see „Electrical accessories").
- The control unit is ordered separately;
- with a „T" timer (built-in adjustable turn-off delay timer enables the fan to run from 2 to 30 minutes after it was switched off);
- with a humidity sensor and a „**TH**" (if indoor humidity exceeds the sensor preset value 60-90%, the fan will automatically switch on and continue running until the humidity is back to normal;
- then the fan keeps running for the duration of the timer countdown, and is switched off.

Mounting features

- The fan casing is mounted flush in the wall, under cerimic tiles or any other decorative cover.
- The fan is installed directly in the ventilation shaft opening.
- If the ventilation shaft is located remotely, flexible air ducts can be used.
- The air duct is connected to the fan's outlet flange with a clamp.
- The front panel is finished with the same cover and levelled with the wall.

Colour modifications

Stone grey

Stone beige

Stone white

Accessories

Air ducts

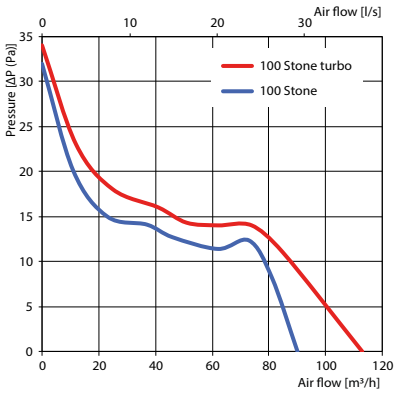
Grilles and hoods

Back valves

Controllers

Clamps

Aerodynamic data



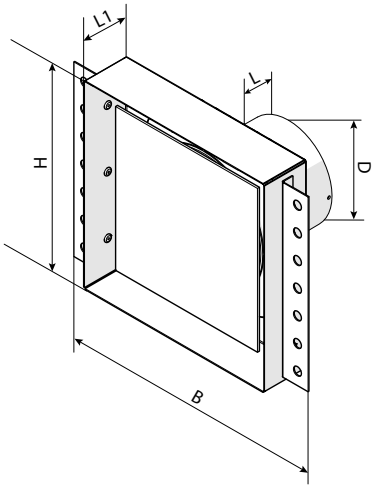
Technical data

Model	100 Stone	100 Stone turbo
Frequency [Hz]	50/60	50/60
Voltage [V]	220-240	
Power consumption [W]	14	16
Current [A]	0.1	0.121
RPM [min^{-1}]	2300	2500
Maximum air flow [m^3/h]	90	113
Sound pressure level at 3 m [dB(A)]	33	37
Weight [kg]	1.280	
IP	IP 24	

Installation example

Overall dimensions

Model	Dimensions [mm]				
	D	H	B	L	L1
VENTS 100 Stone	99	204	264	86	48



Certificates

IP34