

SCANTECH\BASIC RANGE BASIC 250

MODEL **BASIC 250**

Wall mounted fan

Axial wall mounted fan. Constructed with aluminium stamped impellers. BASIC serie is constructed under a polyamide with fiber glass reinforcement plate prepared for wall installation.

CHARACTERISTICS

- Axial direct driven fan.
- Epoxy painted metal impellers.
- Polyamide reinforced with fiber glass frame.
- Epoxy painted grill.
- Single phase motor IP42. Electrical isolation class B.
- Airflow: Motor to impeller.



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PRODUCT TECHNICAL DETAILS

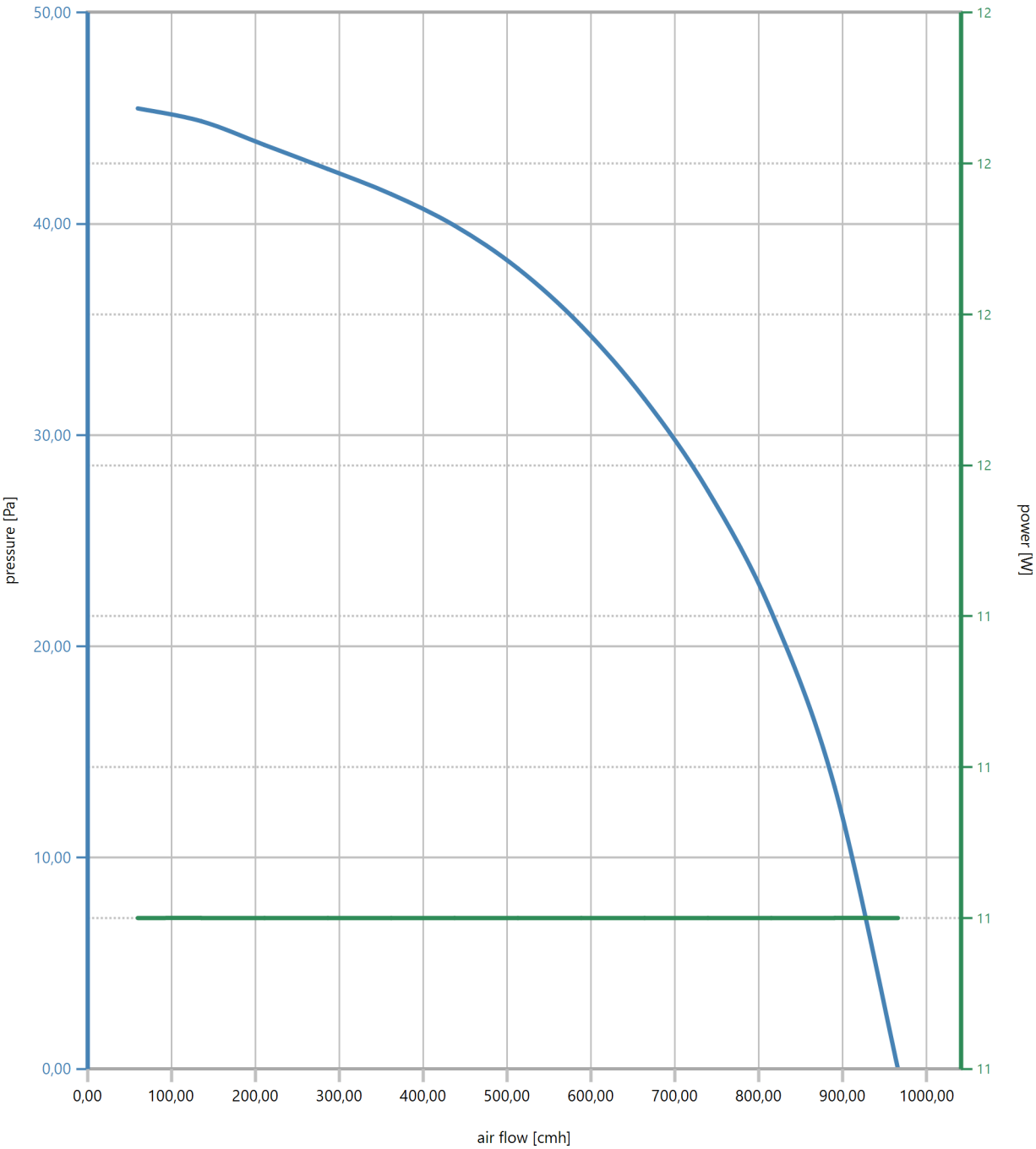
Max Airflow	965,69 cmh
Max St Pressure	45,47 Pa
Diameter	250 mm
Hub	0,00
Hub ratio	0
Pitch angle	0 °
Blade number	5
Ballancing	Q6.3 DYNAMICALLY
Impeller material	Aluminium RAL3020
Casing material	PA6.6 RAL7001

MOTOR TECHNICAL INFORMATION

Mechanical Power	0,04 kW
Power supply	~l/50-60Hz
Pole	4,00
Rated speed	1.220,00 rpm
Rated current	0,28 A

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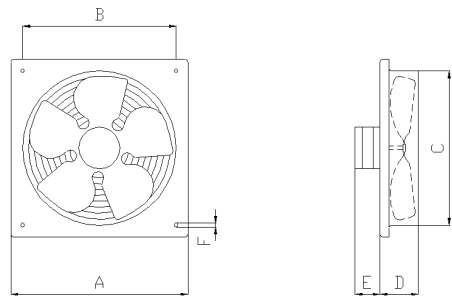
PRODUCT PERFORMANCE
(airflow vs pressure & airflow vs power related to normal conditions T20°C and 1,2046kg/m3 air density)



NOVOVENT reserves the right of change any design (including drawings, materials and specifications) and is the sole owner of the software development, not accepting mistakes that could happen because of a faulty installation or based on a non updated version of software. Information given on this data sheet is for this specific fan being highly recommended to refer and follow the project requirements and instructions. This data sheet has been printed on 23/05/2022 using software version 2017. Sound data are given under laboratory conditions and may differ from operation and mounting conditions. Use this sound data as a reference only. Drawings are for dimensional purposes only. Start currents are DOL for motors power below 4kW and above are Star Delta.

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PRODUCT DIMENSIONS



A	B	C	D	E
333	275	265	60	50
F	G	H	I	J
8,25	0	0	0	0
K	L	M	N	
0	0	0	0	

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ACCESSORIES

**DS00250****DS 250**

Spacers Is the wall where the extractor is fixed to, too thin a distancer may be used to facilitate the fixing of other accessories. Additional accessories can be: shutters (PG), rear protector (PS) or both together. If the extractor is used in reverse mode, letting in air, the spacer is used in reverse mode, letting in air, the spacer acts as support for the rear protector (PS)

**PG00250****PG 250**

Gravity shutters Placed at the rear of the extractor, they prevent outside air from entering when fan is not operating. Painted metal frame and louver

**DS00250****PS 250**

Back protection Prevent contact with the machines from the rear. Guard against the entrance of small animals

**VMR****STOP 16-3**

Switch Switch (STOP) IP 65 On/Off Switch for maintenance operations on roof units.

**VMR****STOP 16-6**

Switch Switch (STOP) IP 65 On/Off Switch for maintenance operations on roof units.

**VMR003****VARMATIC 3 (1.5 kW - 4 A ~III/400V)**

Frequency controller
Each of the references can be controlled by an external equipment (such as a computer) with an entry current from 0 to 10 V.
Applications: General industry.

- Powerful and compact sensorless vector control inverter.
- Enhanced process PID control.
- Stall prevention, Up/Down, 3-wire operations.
- Selective v/f, sensorless vector control.
- 0,7-15kHz carrier frequency.
- Powerful torque at overall speed range.
- 0,01-400 Hz frequency output.
- -15% +10% input voltage margin.
- Selectable manual/automatic torque boost.
- Built-in Rs485/Modbus RTU communication.

**PG00250P****PG 250P**

Gravity shutters Placed at the rear of the extractor, they prevent outside air from entering when fan is not operating. Painted metal frame and louver

**SNT025D****TP 25D**

Adjustable differential pressure transmitter for monitoring the differential pressure of the air.
Applications: Monitoring air filters and fans.

- Housing in ABS, IP54.
- Operating temperature: -10°C ... +50°C.
- Ambient humidity: 0-95%.

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PR00005

PR 5

Differential pressure switches

- Housing in ABS, cover in PC, IP54.
- Operation temperature: -20°C ... +60°C.
- Max. Pressure: 50kPa.
- Supply voltage: 20 ... 28VDC.