

SCANTECH\BASIC RANGE BASIC 250 EC

MODEL **BASIC 250 EC**

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. Motors supplied with this serie are High efficiency EC brushless motors. Suitable to be controlled via 0-10V input signal.

CHARACTERISTICS

- Axial direct driven fan.
- Epoxy painted metal impellers.
- Polyamide reinforced with fiber glass frame.
- Epoxy painted grill.
- Single phase motor IP65. Electrical isolation class B.
- Airflow: Motor to impeller.
- High efficiency EC brushless motors. Suitable to be controlled via 0-10V input signal.



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PRODUCT TECHNICAL DETAILS

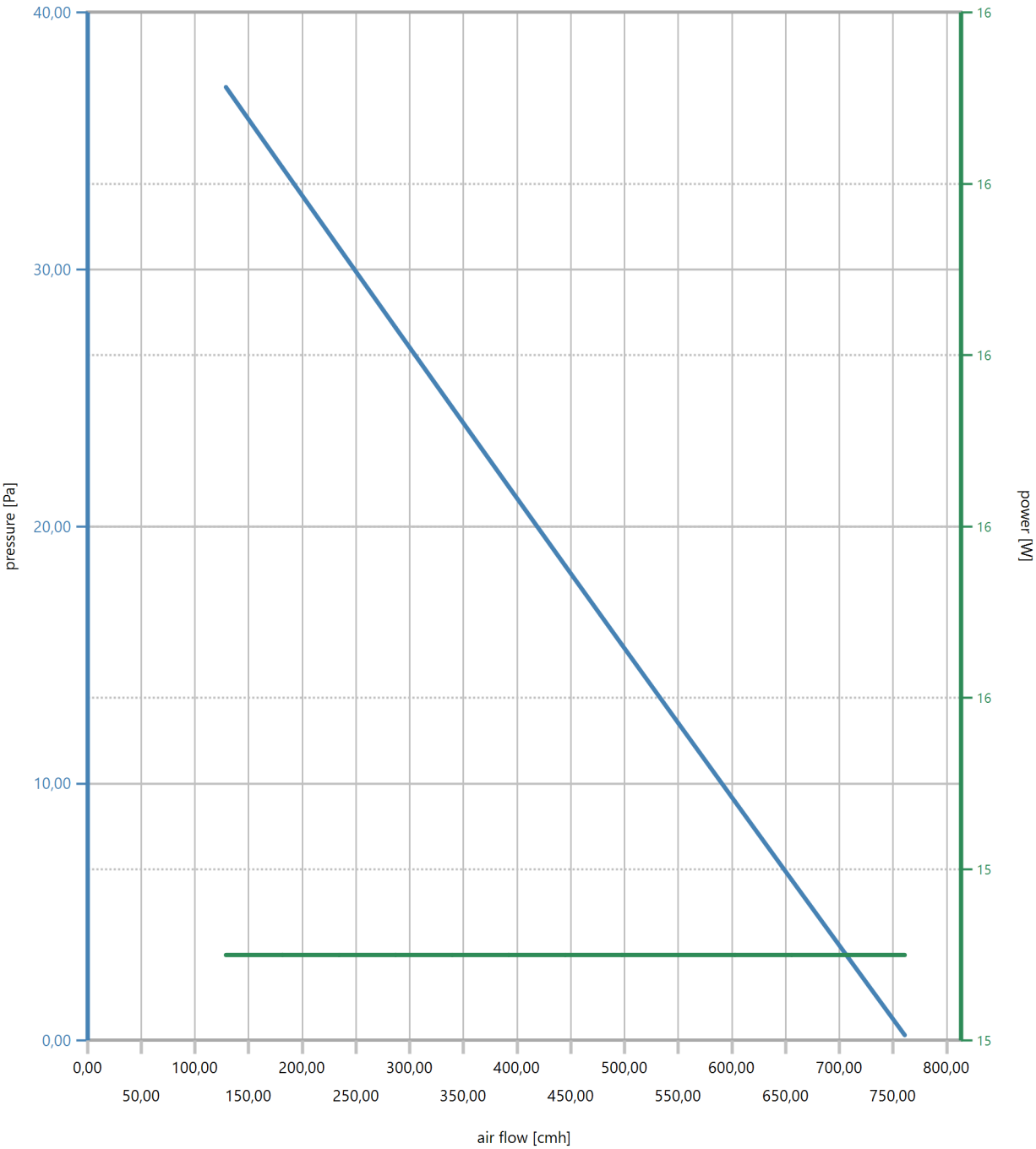
Max Airflow	760,76 cmh
Max St Pressure	37,10 Pa
Diameter	250 mm
Hub	90,00
Hub ratio	0,36
Pitch angle	26 °
Blade number	5
Ballancing	Q6.3 DYNAMICALLY
Impeller material	Coated galvanized steel RAL3020
Casing material	PA6.6 RAL7001

MOTOR TECHNICAL INFORMATION

Mechanical Power	0,02 kW
Power supply	~I/50-60Hz
Pole	4,00
Rated speed	1.220,00 rpm
Rated current	0,15 A

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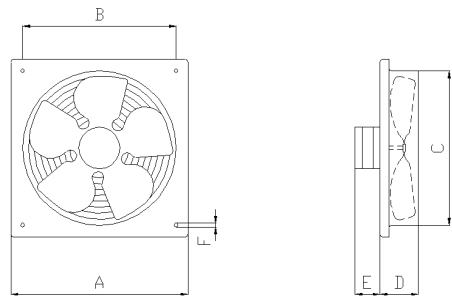
PRODUCT PERFORMANCE
(airflow vs pressure & airflow vs power related to normal conditions T20°C and 1,2046kg/m3 air density)



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

**RV000EC****CONTROL EC10**

Controlador de velocidad especialmente diseñado para el control de los modelos que incorporan motores Brushless EC.

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

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

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

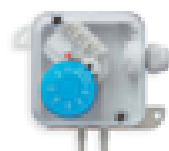
Switch Switch (STOP) IP 65
On/Off Switch for maintenance operations on roof units.

**SNTP025D****TP 25D**

Adjustable differential pressure transmitter for motoring 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%.

**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.