

PRIJET 200EC

Item no. 37215

Document type: **Product card**
Document date: **2016-01-04**

Description

Green Ventilation Jet fan for CO control and cold smoke exhaust

EC-motors, high level of efficiency

Jefan with optimized high efficient axial impeller with integrated guide vans

- Available in 50/60 Hz, 230 V EC motors IP 44, according to EN 60034-5. Your benefit: costefficient
- no expensive supply lines required.
- Very high efficiency. Your benefit: maximum performance and low energy consumption.
- Flow-optimized impellers and discharge guide vane. Your benefit: laminar airflow, low energy use.
- Flat, compact housing. Your benefit: low installation height.
- Low weight and pre-installed ceiling mountings made of galvanised steel. Your benefit: easy, fast and safe installation.
- 100% controllable via 0-10V signal
- Integrated motor protection
- Casing made of galvanised steel sheet
- For medium temperatures up to 55°C in continuous operation
- Terminal box mounted at the outside of the casing for easy wiring

The Systemair jet fan PrioJet 200 EC is characterised by high system performance and low installation and operating costs. The 230 V EC fans minimize installation work and cable laying due to a single-phase standard cabling. The system was designed for CO management, cold smoke extraction and for daily demand ventilation in garages (dehumidification).

The units are equipped with adjustable deflectors to set an optimal air flow. During installation, the deflectors can still be adjusted to redirect the air flow (e.g. next to downstand beams).

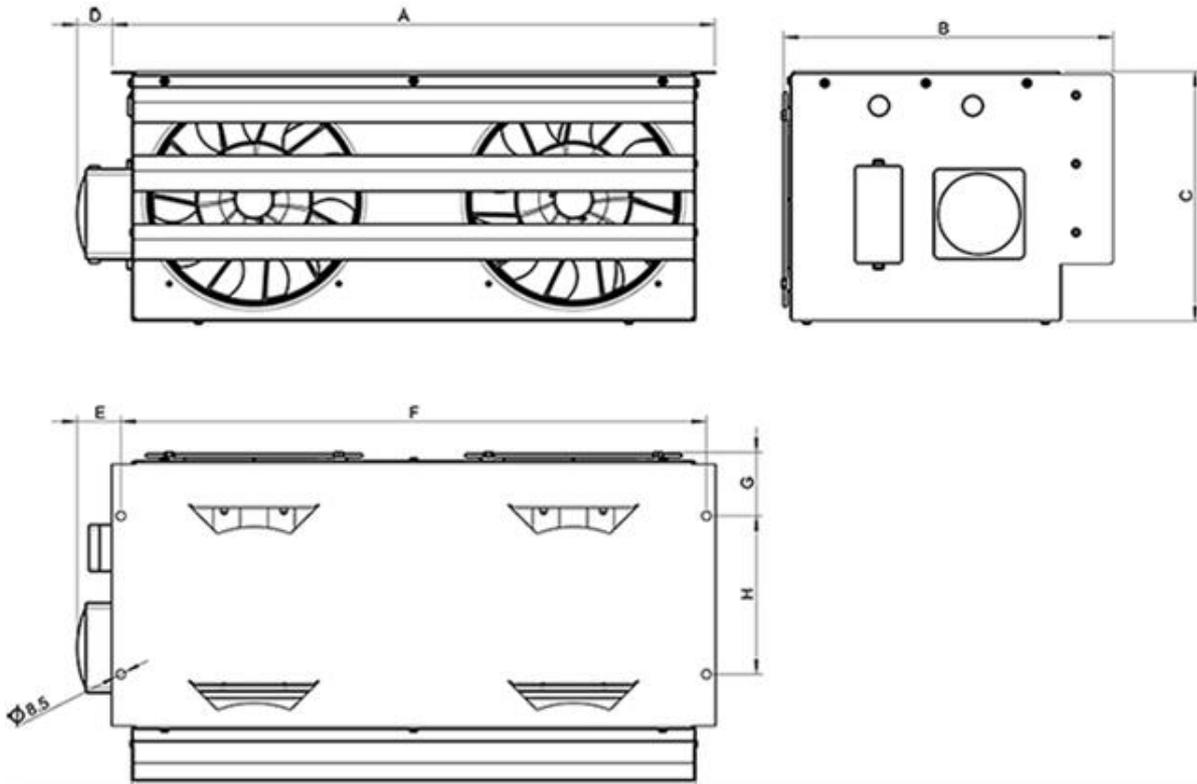


Technical parameters

Voltage	230	V
Frequency	50/60	Hz
Phase	1	~
Input power (P1)	234	W
Current	1,84	A
Max. airflow	2664	m³/h
Fan impeller speed	3463	r.p.m.
Max. temperature of transported air	65	°C
Sound pressure level at 3 m (20m² Sabine)	65	dB(A)
Weight	11,5	kg
Insulation class	B	
Enclosure class, motor	44	IP

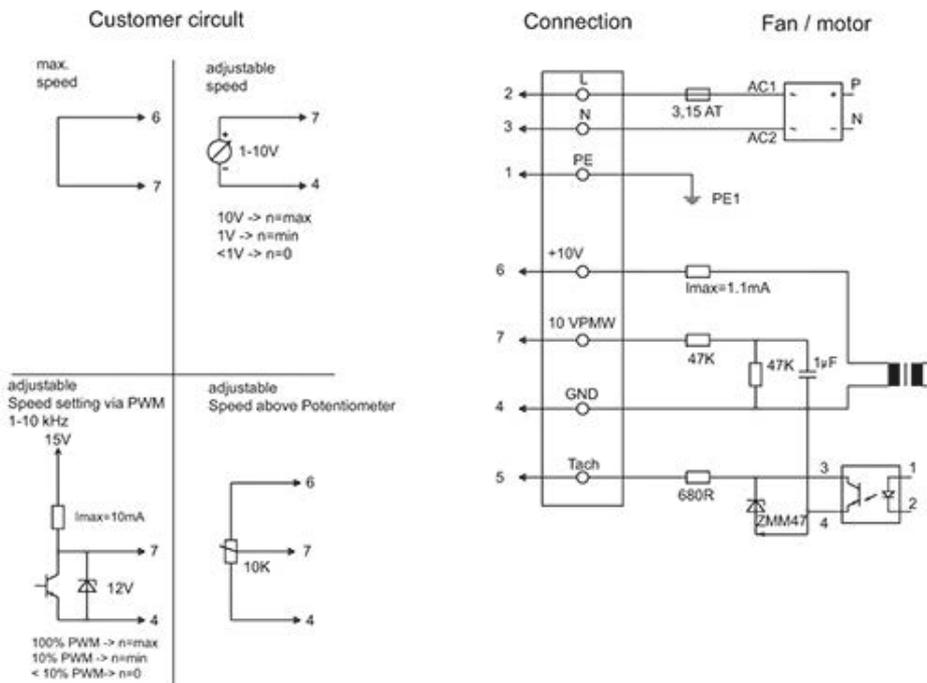
Performance

Dimensions



prioJet	A	B	C	D	E	F	G	H
200	566	310	236,5	33	41	550	60	150

Wiring



Line	No.	Signal	Colour	Function / assignment
	2	L	brown	Power supply 230 VAC, 50-60 Hz, see type plate for voltage range
	3	N	blue	Neutral conductor
	1	PE	green/yellow	Protective earth
	7	0-10V PWM	yellow	Control input 0 - 10 V or PWM, electrically isolated
	5	Tacho	white	Tach output: open collector, 1 pulse per revolution, electrically isolated, Isink_max=10mA
	6	10V/ max 1.1mA	red	Voltage output 10 V/ 1.1 mA, electrically isolated
	4	GND	blue	GND - Connection for control interface