

prio 200 E2

Description

- Speed-controllable
- Integral thermal contacts
- Can be installed in any position
- Compact design
- Low SFP values and high efficiency
- Low sound level

The prioAir series is designed for installation in ducts. PrioAir fans have 25 mm long spigot connections in acc. with EN 1506:1997. The fans have aerodynamically optimized impellers and guide vanes with integrated external rotor motors. The fans can be speed-controlled via a stepless thyristor or a 5-step transformer. To protect the motor from overheating the fan has integrated thermal contacts with manual reset in acc. with EN 60335-2-80. The air tight casing (tightness class C in acc. with EN12237:2003) is manufactured from special composite material. The mounting clamp facilitates easy installation and removal, and prevents the transfer of vibrations to the duct. Mounting bracket to the wall or ceiling as accessory. For installation in damp locations we recommend to use a run-on timer.



Technical parameters

Parameter	Value	Unit	Used in
Voltage	230	V	Systemair, Measurements
Frequency	50	Hz	Systemair, Measurements
Phase	1	~	Systemair, Measurements
Power	71.7	W	Systemair, Measurements
Current	0.33	A	Systemair, Measurements
Max. airflow	947	m ³ /h	Systemair
Fan impeller speed	2563	r.p.m.	Systemair
Max. temperature of transported air	55	°C	Systemair
Sound pressure level at 3 m	44	dB(A)	Systemair
Weight	3.1	kg	Systemair, Measurements
Insulation class, motor	B		Systemair
Enclosure class, motor	44	IP	Systemair
Capacitor	1.5	µF	Systemair, Measurements

Performance

Performance

Input data

Required point

Air flow

m³/h

Static pressure

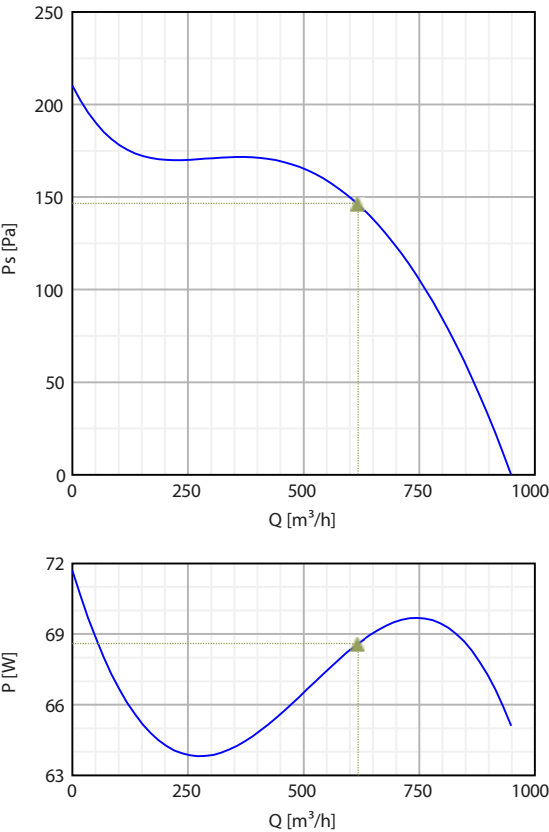
Pa

Regulation

Selection method

System line

Diagrams



Hydraulic data

	Working point						
	Q [m³/h]	Ps [Pa]	P [W]	n [r.p.m.]	I [A]	SFP [kW/m³/s]	U [V]
Max efficiency	▲ 616	▲ 146	▲ 68.6	2601	0.323	0.401	230

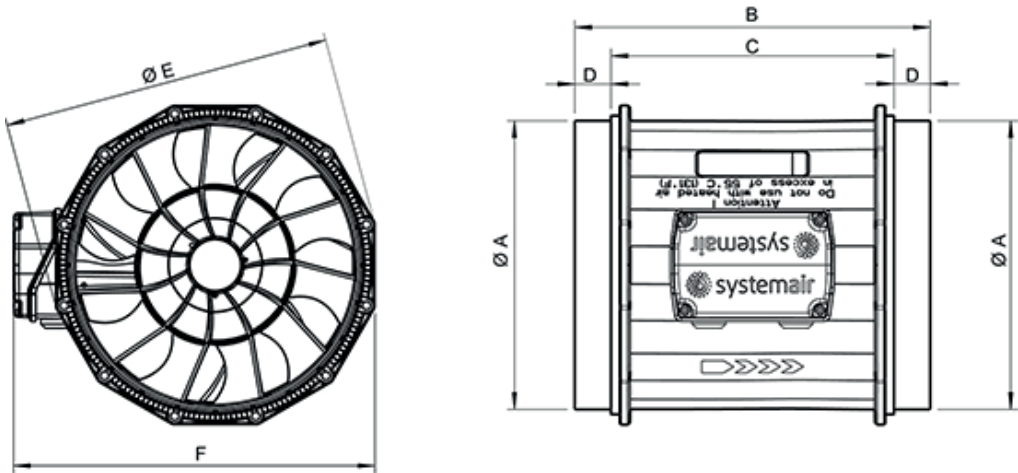
Acoustic data

Acoustic filter

A-filter

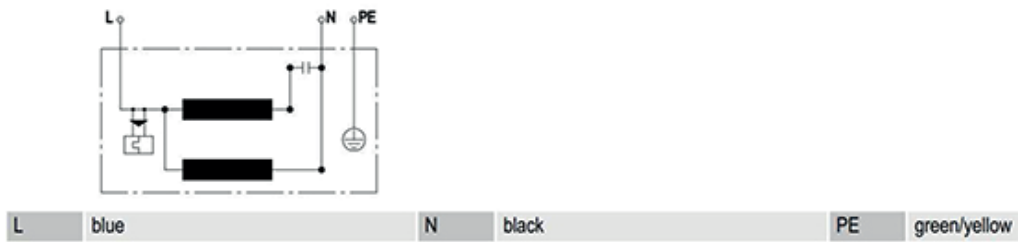
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	17	31	50	53	58	57	53	42	62

Dimensions



	$\varnothing A$	B	C	D	$\varnothing E$	F
Prio 200	199	245	195	25	227	249

Wiring



Accessories

Electric accessories

2302/00 EF transformator
C04D Thermostat -35... +20 C
CO2RT-R-D Transmitter
Drawn watch 0-6
DTV500-OEM incl connection kit
ES 33
HR1 Room Humidistat IP21
MicroREX D21 Plus Time Switch
Presence detector/IR24-P
PT-108 Room Thermostat 6-30gr
RE 05 AP
RE 05 UP
RE 1,5 Speed control
REE 1 Speed control
REPT 6 Digital regulator
RETP 6 Temp/Pressure regulator
REU 1.5 Speed control
REV-3POL/03 ON/OFF
RT 0-30 Room Thermostat
STL 1.5 Speed controller
T 120 Timer

Accessories

CB 200/S1/3,0KW 400V/2Duct hea
CB 200-2,1 230V/1 Duct heater
CB 200-3,0 230V/1 Duct heater
CB 200-5,0 400V/2 Duct heater
CBM 200-5,0 400V/2 Duct heater
CBMT/P 200-54 1Ø HEATER KIT
CWK 200-3-2,5 Duct cooler,circ
FFR 200 Filter cassette
FFR-S 200 cassette
FGR 200 Filter cassette G3
FGR-S 200 filter cassette EU3
FK 200 Fast clamp
GRK 200 CH Round Damper
IGC-200 Intake grid
IGK-200 Wall Grid
LDC 200-600 Silencer
LDC 200-900 Silencer
MRK 200 CH Round Damper
MRZ 200 CH Round Damper
RSK-200 Back draft damper
SG 200 Protection guard
THB 200 Hood w. cover pl. Red
THB 200 Hood w.cover pl. black
THS 200 Hood w. cover pl. Red
THS 200 Hood w.cover pl. black
VBC 200-2 Water heating batt
VBC 200-3 Water heating batt
VBF 200 Water heating battery
VK-20 Louvre shutter
VKK-200 Back draft damper

Specification text

Documentation



[IMO_prioAir.pdf](#)



[2013-06 EC Declaration of Conformity prioAir DE-EN.pdf](#)