



Industrial fans, PVO series

The PVO series fans fall in the following categories:

- High Flow Rate PVO154/2; PVO 200/2; PVO 250/2; PVO 300/2
- Low Noise PVO154/4; PVO 200/4; PVO 250/4; PVO 300/4; PVO 350/4
- Noiseless PVO 200/6; PVO 250/6; PVO 300/6; PVO 350/6

TECHNICAL DESCRIPTION

Designed for continuous or intermittent ventilation of medium to large sized living, administrative, commercial, industrial and agriculture premises.

Operating in conditions of normal fire risk, according to fire-safety building and construction regulations.

They can be mounted on walls, ceilings, ceiling panels etc. The PVO series fans are constructed with noiseless asynchronous motors with double capsulated ball bearings, which guarantee 30 000 hours of flawless operation, whether mounted in horizontal or vertical position.

The protection degree is IP 54, and upon a customer's request can be manufactured to IP 55, which allows the fan to operate not only in closed premises, but in outdoor high humidity environments.

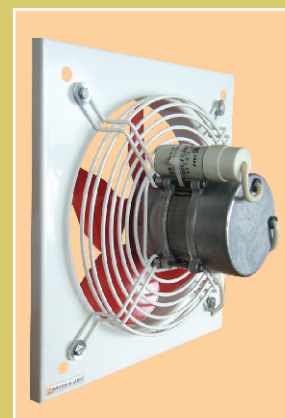
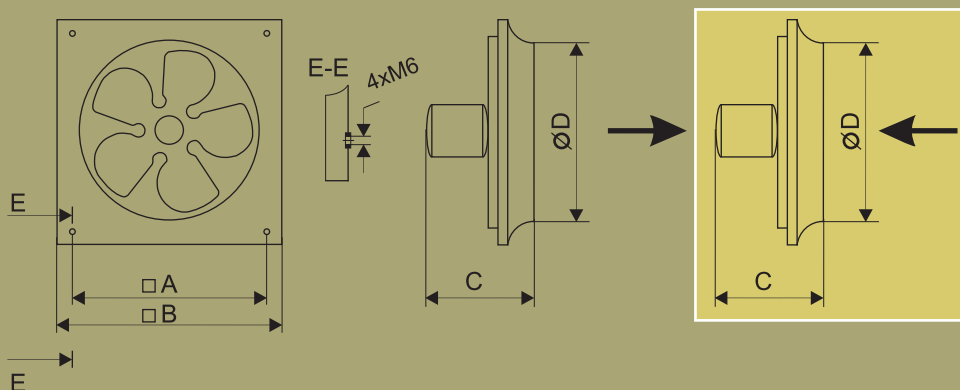
The measured level of noise is 70dB.

TECHNICAL DATA

Type	Supply voltage	Maximum flow rate	Rotational speed	Consumed current	Consumed power	Maximum static pressure	Protection degree
PVO	Hz/V	m ³ /h	min ⁻¹	A	W	Pa	IP
PVO 154/2	50/220:240	500:550	2450	0,35	46	43	00
PVO 154/4	50/220:240	375:425	1320	0,25	32	20	54
PVO 200/2	50/220:240	1050:1170	2840	0,38	60	220	54
PVO 200/4	50/220:240	550:600	1300	0,45	58	43	54
PVO 250/2	50/220:240	1600:1700	2700	0,45	100	190	54
PVO 250/4	50/220:240	1000:1100	1400	0,30	50	90	54
PVO 250/6	50/220:240	600:700	930	0,30	50	42	54
PVO 300/2	50/220:240	2000:2100	2700	0,50	140	175	54
PVO 300/4	50/220:240	1500:1600	1400	0,60	80	135	54
PVO 300/6	50/220:240	900:1000	910	0,35	65	80	54
PVO 350/4	50/220:240	2000:2100	1400	0,75	110	195	54
PVO 350/6	50/220:240	1400:1500	900	0,50	90	90	54

The maximum flow rate value depends on the voltage and the angle attack of the impeller.

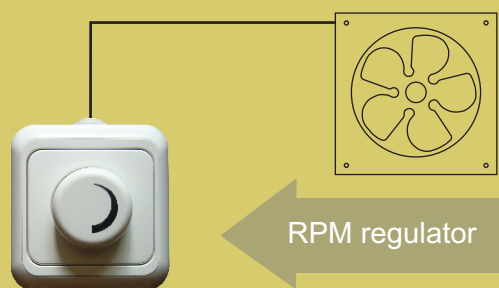
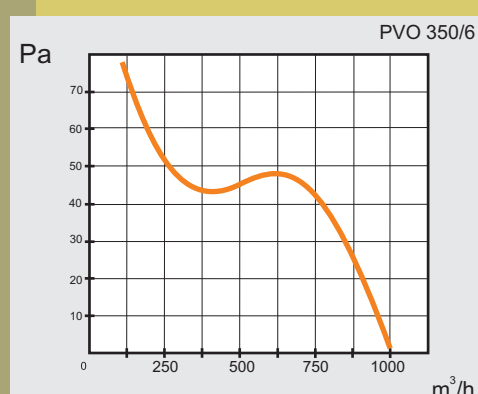
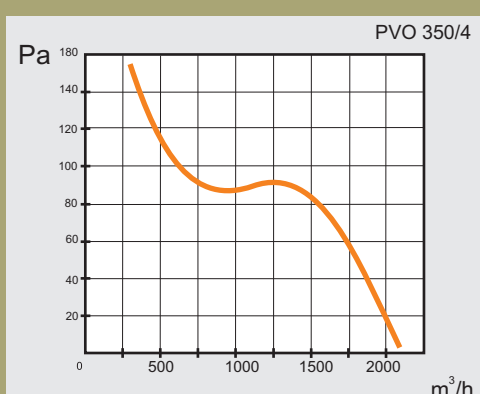
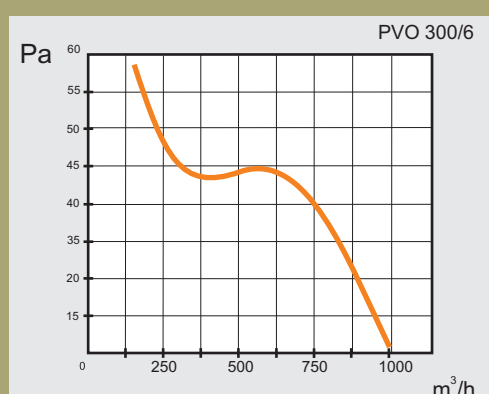
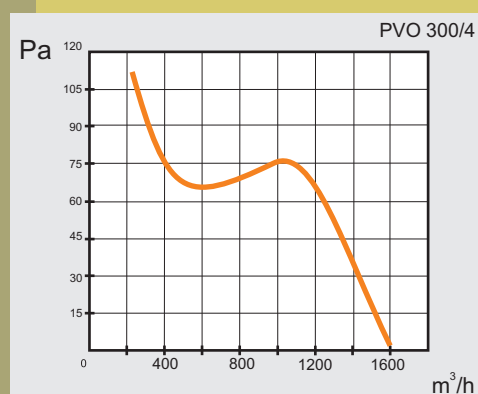
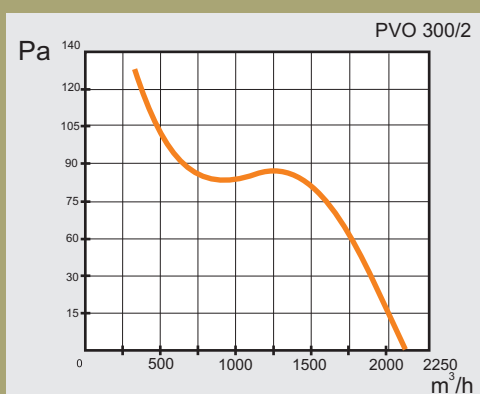
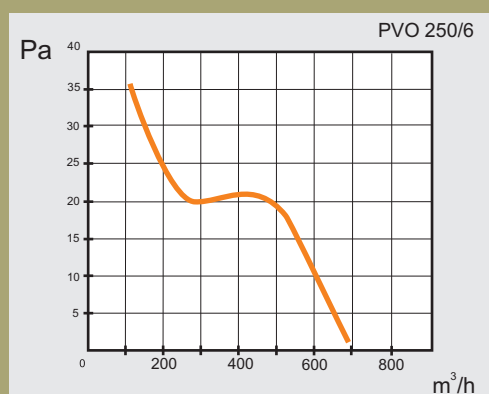
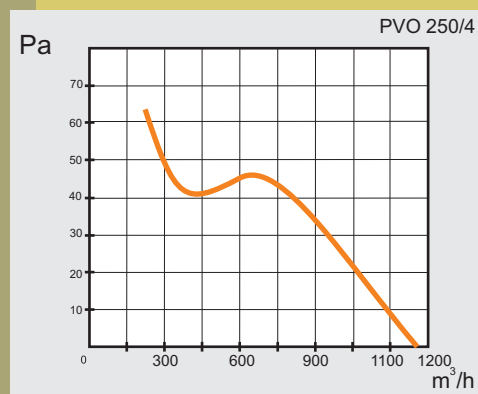
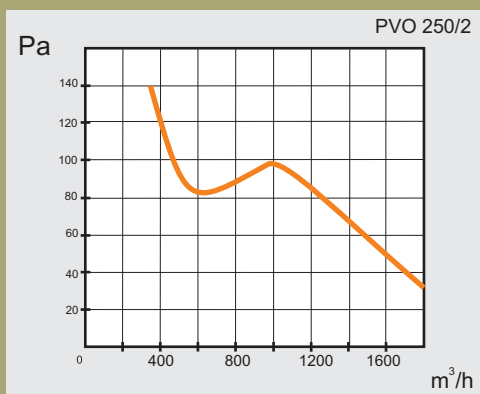
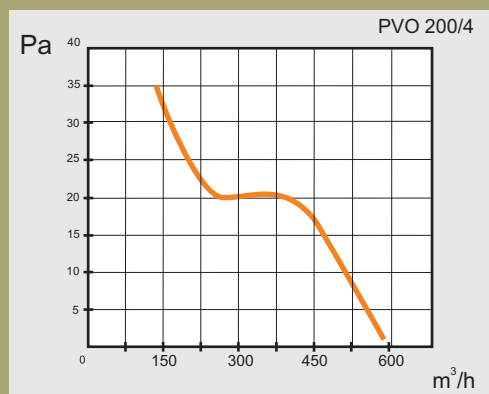
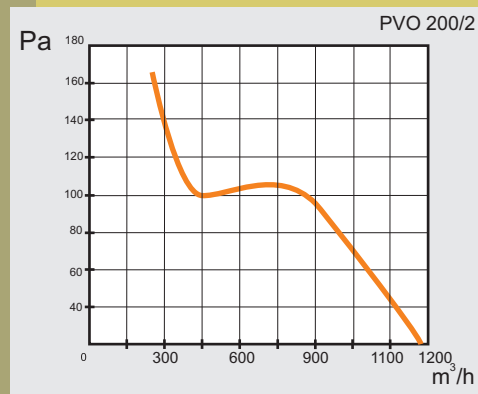
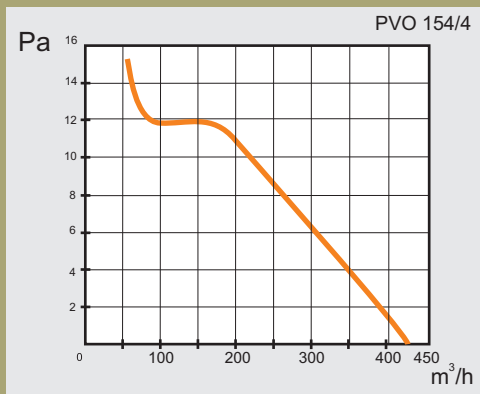
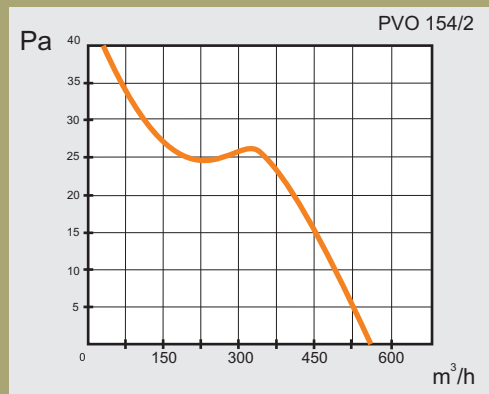
The fans can be designed to operate on other voltages and frequencies if required.



Dimensions /mm/

Type	A	B	C	D	E-E
154/2	200	256	104	166	M6
154/4	200	256	128	166	M6
200/2	222	270	130	204	M6
200/4	222	270	130	204	M6
250/2	284	340	132	258	M6
250/4	284	340	132	258	M6
250/6	284	340	142	258	M6
300/2	350	400	150	307	M6
300/4	350	400	150	307	M6
300/6	350	400	150	307	M6
350/4	400	470	150	360	M6
350/6	400	470	150	360	M6

Technical specifications PVO series



The PVO series industrial fans can be supplied with an electronic fan regulator. The two pole type fan can be modified from 900 min⁻¹ up to 2600 min⁻¹ RPM and 500 min⁻¹ up to 1400 min⁻¹ for four pole types. This allows the user to gradually change the rotational speed of the fan and adjust the flow rate and noise level to the required level.