

## INSTALLATION INSTRUCTIONS FOR THE PVO series Industrial Axial Fans

The PVO Axial fan is designed to move air, over equipment or, in or out of buildings. If activities have to be conducted in close proximity to the unit it is advised that the fan is installed out of normal reach of personnel.

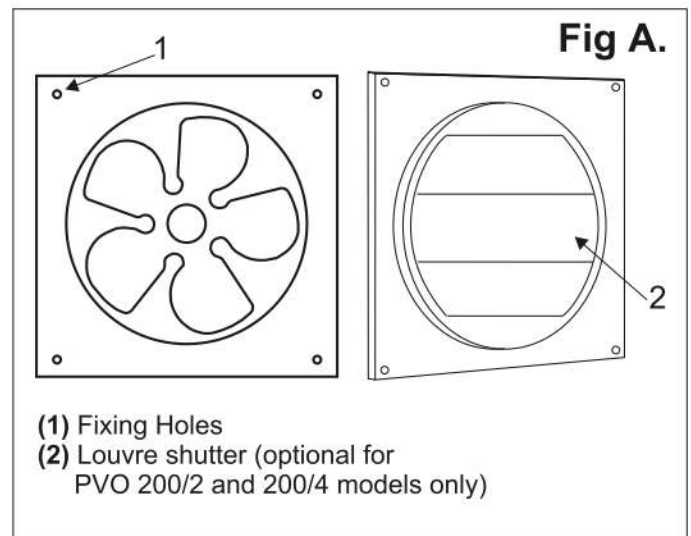
For your protection it is advisable that all electrical connections are made by a qualified electrician.

### IMPORTANT

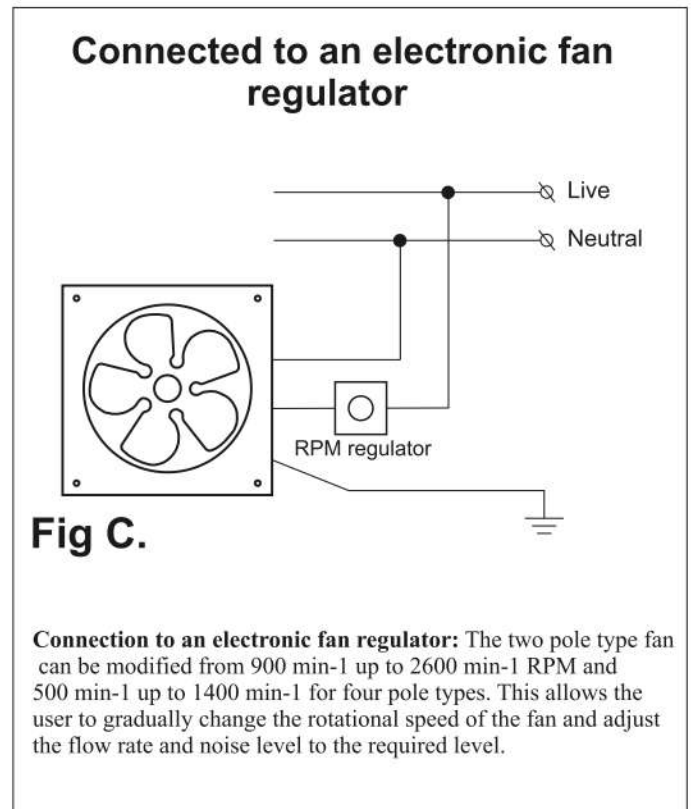
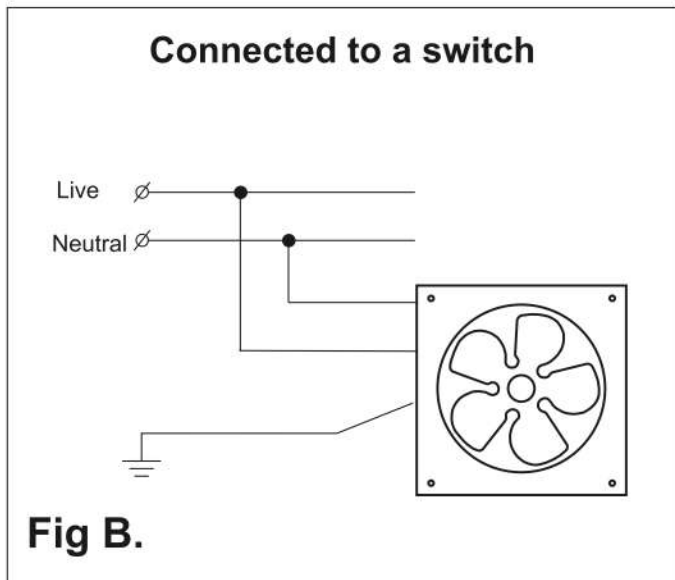
Before attempting to carry out any work on this unit, make sure it is COMPLETELY ISOLATED from its electrical supply.

### Wall mounting

1. Select a location for the unit
2. Draw an outline of the area to be cut in the wall or panel. Refer to the Dimensions Table.
3. Cut out the remainder of the outlined area, and Insert the fan into the opening.
4. Fix the unit to the wall with wall plugs and fixing screws.
5. Bring the power cable into position. For correct connection refer to the wiring Diagrams (Fig B, Fig C) for the different models.



## Wiring Diagrams

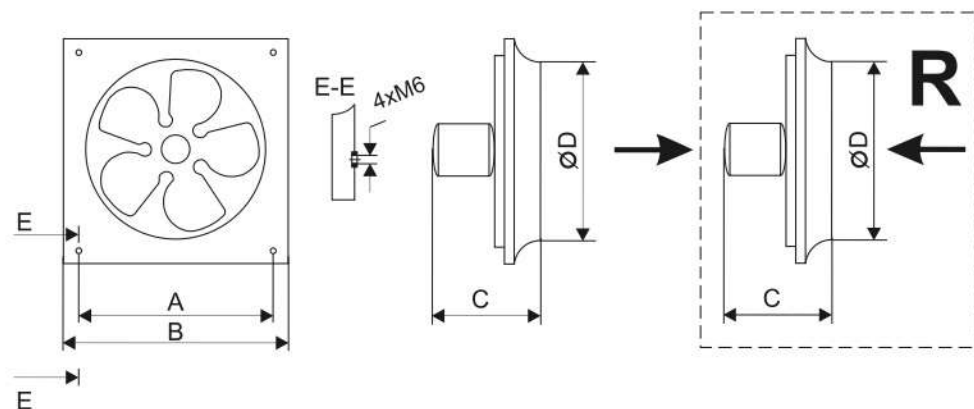


### IMPORTANT

**Switch off mains supply before making any electrical connections or maintenance.**  
For your protection it is advisable that all electrical connections are made by a qualified electrician.

## Technical data

Type	Supply voltage	Maximum flow rate	Rotational speed	Consumed current	Consumed power	Maximum static pressure	Protection degree
PVO	Hz/V	m <sup>3</sup> /h	min <sup>-1</sup>	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	0,45	85	195	54
PVO 350/6	50/220÷240	1400÷1500	900	0,50	90	90	54
PVO 400/4	50/220÷240	4000÷4500	1310	1,40	300	-	54



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
400/4	436	505	216	410	M6

## GUARANTEE

**Your MMotors industrial fan comes with a free 3 Years manufacturer's guarantee.**

The MMotors industrial extractor fans are manufactured to conform to the required European standards, and we are confident that they are totally reliable. However, in the unlikely event a fault may occur, they have 3 years guarantee which covers you for manufacturing faults or parts failure. In order to be covered for the 3 years period, please keep your proof of purchase and return the appliance to the point of purchase where appropriate action will be taken.

Factory: **MMOTORS**  
 3 Malak Iskar str.  
 Etropole-Bulgaria  
 E-mail: [mmotors@mmotors.bg](mailto:mmotors@mmotors.bg)  
[www.mmotors-europe.com](http://www.mmotors-europe.com)

### Guarantee Document:

Product.....  
 Type.....  
 Date of purchase.....

Purchaser.....

Sales person.....



ISO 9001:2015