



EVOV

Helicoidal wall fans Ø250 to 630



Technical data sheet

Rev.00



EVOV

Helicoidal wall fans

Features

- The external casing and the impellere are made of steel with polymeryc coating;
- Colour black;
- Fan is installed on the wall surface by means of a square mounting plate;
- Blower-type fan, with air flowing from the motor towards the fan;
- The fan casing is equipped with an external water-tight terminal box for electrical connections;
- Motor with integrated thermal protection;
- 220–240 V, 50 Hz power supply;

Accessory

- RCS – Speed control;

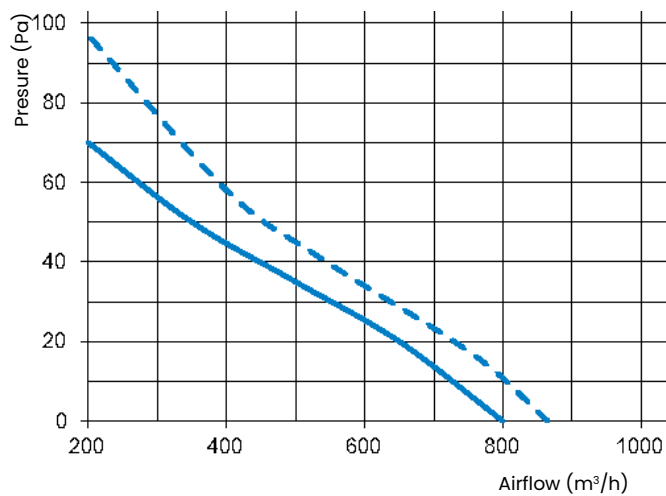
Use

Combined ventilations systems for air supply and exhaust, designed for applications requiring high airflow rates with low system resistance.

EVOV fans can be used for both direct air exhaust and room pressurization.

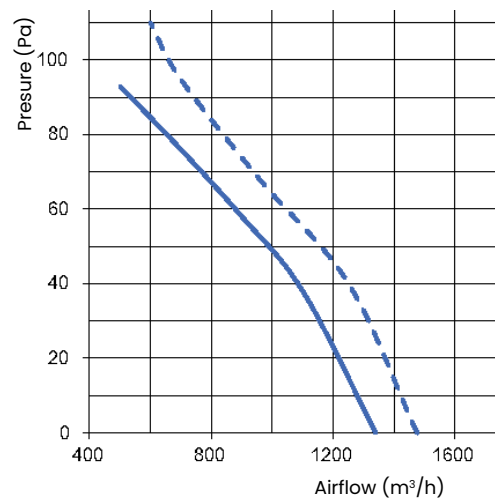
Their construction allows for outdoor wall installation, providing high versatility for a wide range of ventilation applications.

EVOV 4P 250 – EVOV 4P 300



EVOV 4P 250 50Hz

EVOV 4P 250 60 Hz



EVOV 4P 300 50Hz

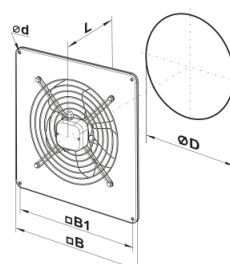
EVOV 4P 300 60 Hz

Sound power level		Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter]	Sound pressure level 1 m distance [A-filter]
	Hz		63	125	250	500	1000	2000	4000	8000	LpA, 3m dB(A)	LpA, 1m dB(A)
L _A to environment	dB(A)	59	25	39	43	49	54	54	49	43	38	48

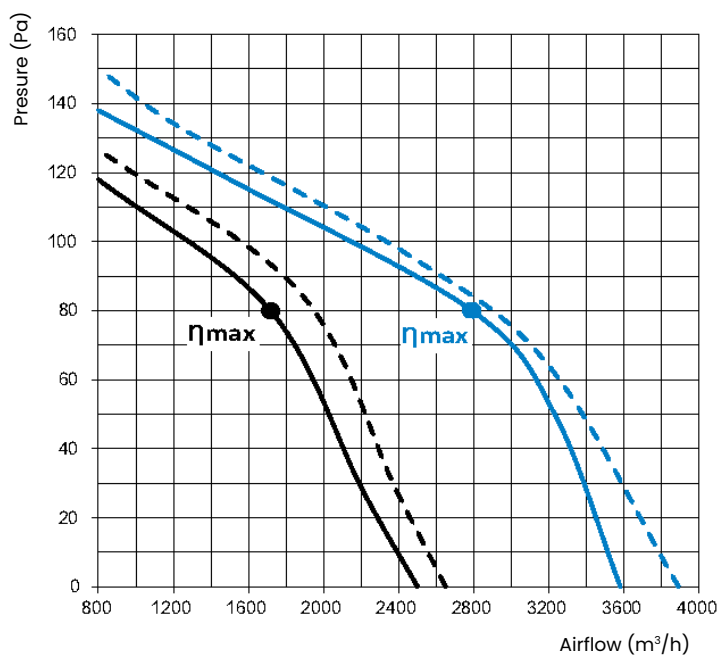
Sound power level		Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter]	Sound pressure level 1 m distance [A-filter]
	Hz		63	125	250	500	1000	2000	4000	8000	LpA, 3m dB(A)	LpA, 1m dB(A)
L _A to environment	dB(A)	64	41	52	47	54	60	60	52	44	44	54

Model	Measurement Unit	EVOV 4P 250		EVOV 4P 300	
Voltage	V	If - 230		If - 230	
Frequency	Hz	50	60	50	60
Power	W	50	56	91	
Current	A	0,22	0,24	0,42	
Maximum Air Flow	m³/h	800	865	450	
RPM	g/°	1380	1730	3750	
LpA	dB(A)	38	39	43	
Temperature range	°C	-30 / +60		-30 / +60	
Protection Rating		IP24		IP24	
ØD	mm	260		317	
Ød	mm	7		9	
B	mm	370		430	
B1	mm	320		380	
L	mm	135		145	
Peso	kg	3,5		5,4	

* Sound pressure level at 3 m distance



EVOV 4P 350 – EVOV 4P 400



EVOV 4P 350 50 Hz

EVOV 4P 350 60 Hz

EVOV 4P 400 50 Hz

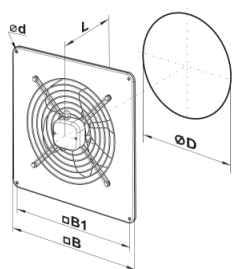
EVOV 4P 400 60 Hz

Sound power level		Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter]	Sound pressure level 1 m distance [A-filter]
	Hz		63	125	250	500	1000	2000	4000	8000	LpA, 3m dB(A)	LpA, 1m dB(A)
L _A to enviroment	dB(A)	67	26	43	49	60	62	62	53	46	46	56

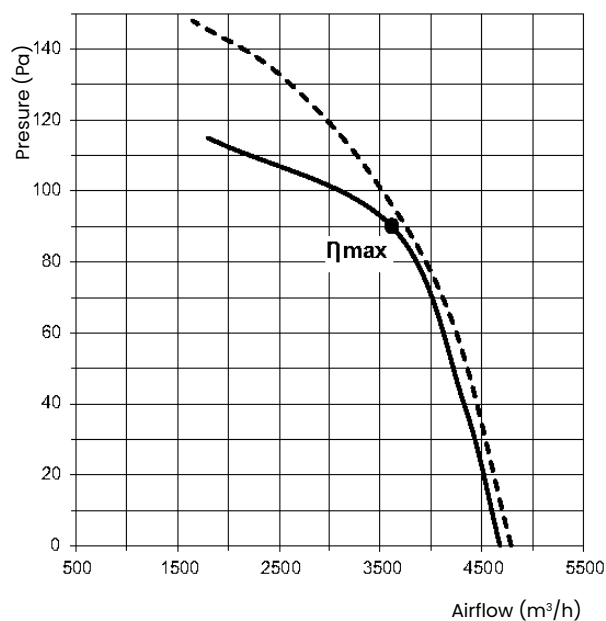
Sound power level		Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter]	Sound pressure level 1 m distance [A-filter]
	Hz		63	125	250	500	1000	2000	4000	8000	LpA, 3m dB(A)	LpA, 1m dB(A)
L _A to enviroment	dB(A)	73	46	52	58	65	68	68	65	57	53	63

Model	Measurement Unit	EVOV 4P 350		EVOV 4P 400	
Voltage	V	If - 230		If - 230	
Frequency	Hz	50	60	50	60
Power	W	140	147	180	240
Current	A	0,65	0,66	0,82	1,08
Maximum Air Flow	m³/h	2500	2650	3580	3890
RPM	g/°	1380	1700	1380	1655
LpA	dB(A)	46	47	53	54
Temperature range	°C	-30 / +60		-30 / +60	
Protection Rating		IP24		IP24	
ØD	mm	374		416	
Ød	mm	9		9	
B	mm	485		540	
B1	mm	435		490	
L	mm	165		220	
Peso	kg	7,8		8,8	

* Sound pressure level at 3 m distance

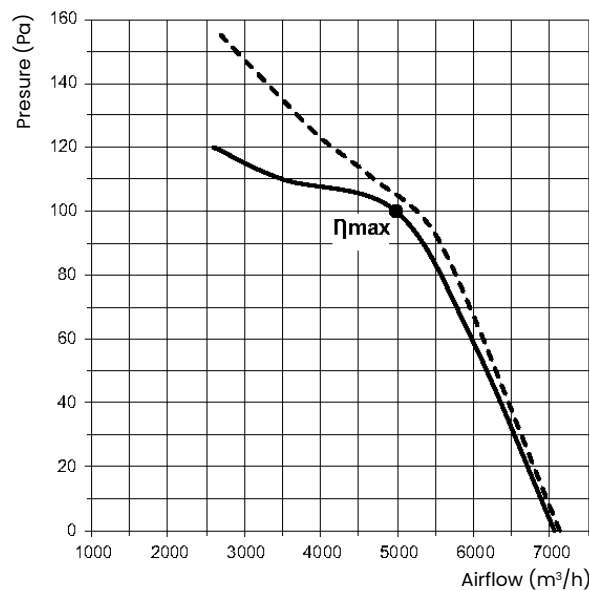


EVOV 4P 450 – EVOV 4P 500



EVOV 4P 450 50Hz

EVOV 4P 450 60 Hz



EVOV 4P 500 50Hz

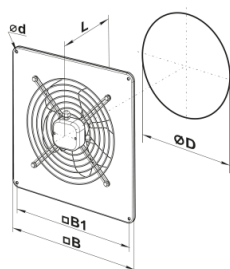
EVOV 4P 500 60 Hz

Sound power level	Hz	Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter]	Sound pressure level 1 m distance [A-filter]
			63	125	250	500	1000	2000	4000	8000	LpA, 3m dB(A)	LpA, 1m dB(A)
L _A to environment	dB(A)	76	46	57	64	70	72	70	66	58	56	66

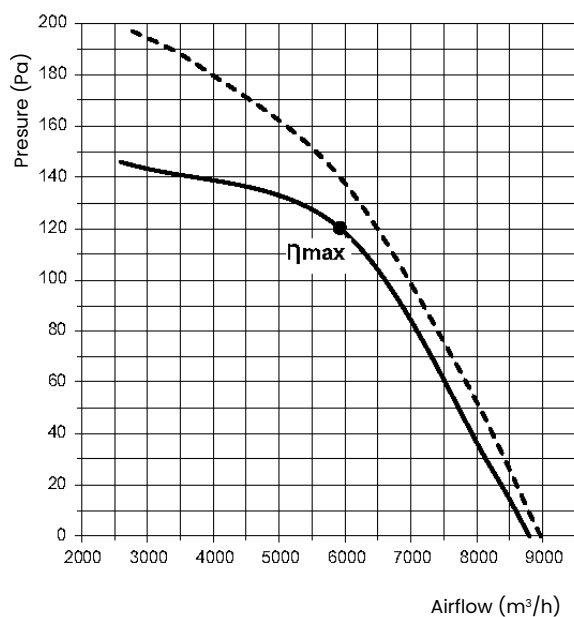
Sound power level	Hz	Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter]	Sound pressure level 1 m distance [A-filter]
			63	125	250	500	1000	2000	4000	8000	LpA, 3m dB(A)	LpA, 1m dB(A)
L _A to environment	dB(A)	79	49	60	67	73	74	73	68	60	58	68

Model	Measurement Unit	EVOV 4P 450		EVOV 4P 500	
Voltage	V	If - 230		If - 230	
Frequency	Hz	50	60	50	60
Power	W	250	325	420	455
Current	A	1,2	1,46	1,95	2,05
Maximum Air Flow	m³/h	4680	4790	7060	7130
RPM	g/°	1350	1600	1300	1630
LpA	dB(A)	56	57	58	59
Temperature range	°C	-30 / +60		-30 / +60	
Protection Rating		IP24		IP24	
ØD	mm	465		520	
Ød	mm	11		11	
B	mm	576		655	
B1	mm	535		615	
L	mm	230		250	
Peso	kg	10,5		14,0	

* Sound pressure level at 3 m distance

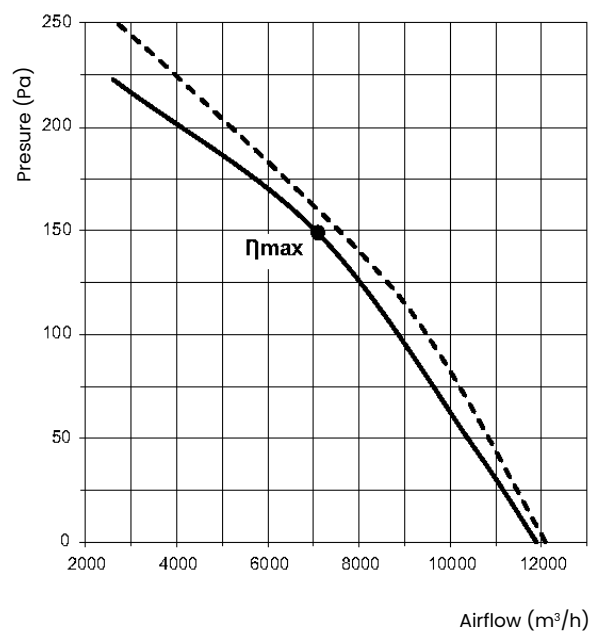


EVOV 4P 550 – EVOV 4P 630



EVOV 4P 550 50Hz

EVOV 4P 550 60 Hz



EVOV 4P 630 50Hz

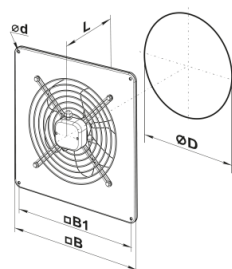
EVOV 4P 630 60 Hz

Sound power level	Hz	Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter] LpA, 3m dB(A)	Sound pressure level 1 m distance [A-filter] LpA, 1m dB(A)
			63	125	250	500	1000	2000	4000	8000		
L _A to environment	dB(A)	83	52	64	71	77	78	77	72	64	62	72

Sound power level	Hz	Generale	Octave frequency band (Hz)								Sound pressure level 3 m distance [A-filter] LpA, 3m dB(A)	Sound pressure level 1 m distance [A-filter] LpA, 1m dB(A)
			63	125	250	500	1000	2000	4000	8000		
L _A to environment	dB(A)	88	57	68	76	81	83	82	77	69	67	77

Model	Measurement Unit	EVOV 4P 550		EVOV 4P 630	
Voltage	V	If - 230		If - 230	
Frequency	Hz	50	60	50	60
Power	W	550	654	750	979
Current	A	2,55	2,88	3,5	4,26
Maximum Air Flow	m³/h	8800	8970	11900	12100
RPM	g/'	1300	1580	1360	1625
LpA	dB(A)	62	63	67	68
Temperature range	°C	-30 / +60		-30 / +60	
Protection Rating		IP24		IP24	
ØD	mm	570		650	
Ød	mm	11		11	
B	mm	725		800	
B1	mm	675		710	
L	mm	260		275	
Peso	kg	16,5		20,0	

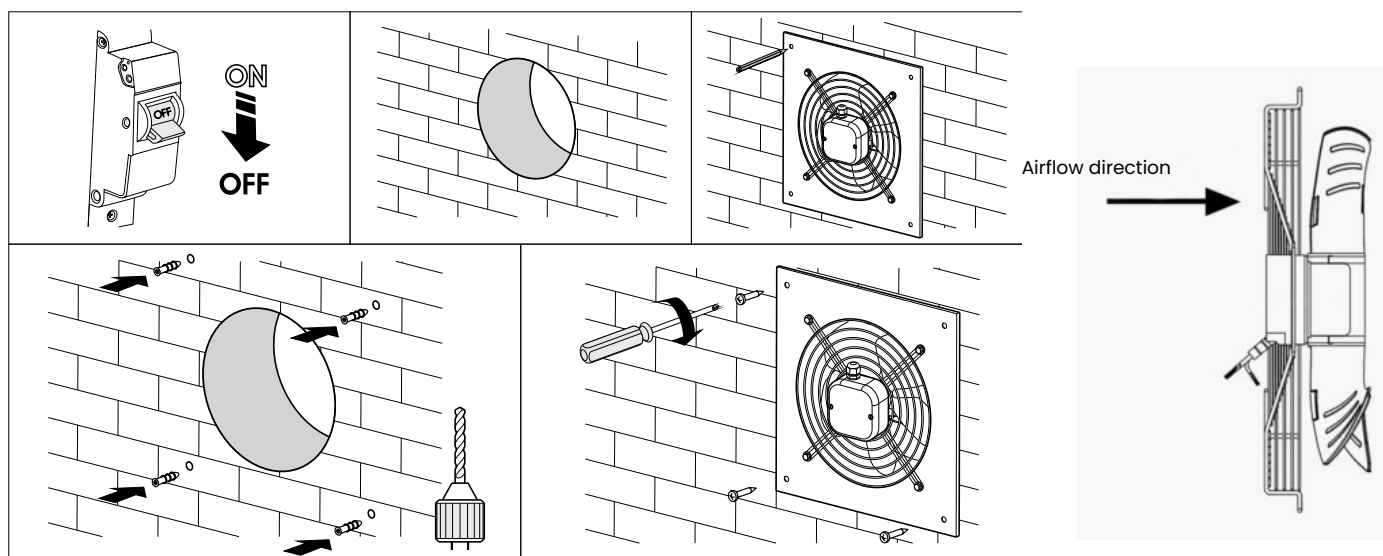
* Sound pressure level at 3 m distance



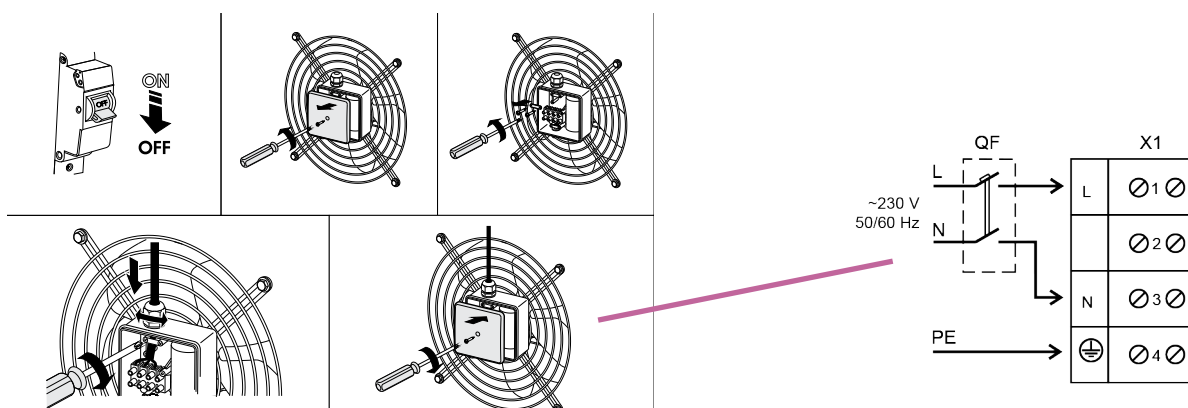
INSTALLATION

The fan is suitable for vertical installation thanks to its perforated mounting plate.

Check the air flow before installation.



Installation and electrical connections must be carried out exclusively by qualified and authorized personnel, in compliance with current regulations. The manufacturer declines all responsibility for damage to persons, or property resulting from improper installation or work performed by unauthorized personnel.



MAINTENANCE

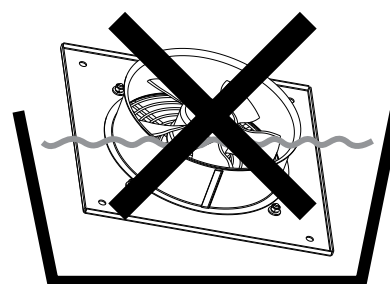
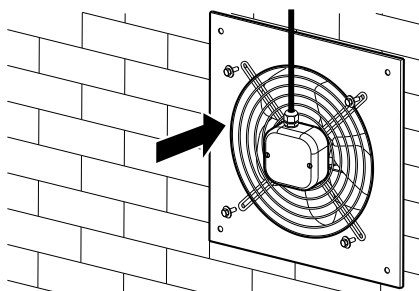
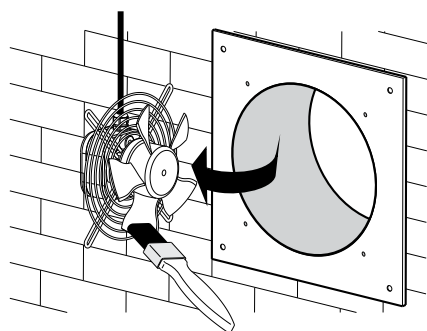
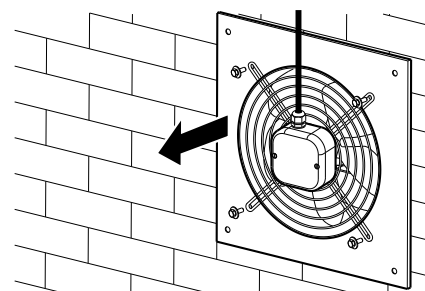
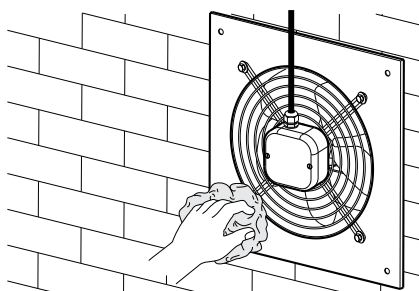
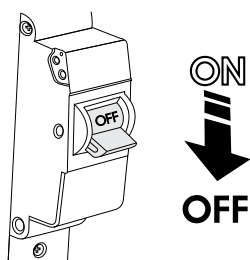


Disconnect the fan from power mains prior to any maintenance operations.

Clean the product surfaces regularly (once in 6 months) from dust and dirt.

To clean the fan, use a soft cloth or a brush wetted in a mild detergent solution. Avoid water ingress to electrical components.

Wipe the unit surfaces dry after cleaning.



CODE

How to order

EVOV	4P	250
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EVOV
Helicoidal wall fans



N° OF POLES
4 Poles



DIAMETER
300
350
400
450
500
550
630



Head quarter

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ISO 9001
ISO 50001
ISO 45001
ISO 14001

Certified Management System