



ELIX is a centrifugal fan with axial flow discharge through central outlet of $\varnothing 100$ mm. It is suitable for single or multiple duct exhausting and for intermittent or continuous ventilation. Extremely compact and efficient, it is the ideal solution for those applications requiring a medium pressure exhausting capacity. A wide choice of technologically advanced versions is available for a demand-oriented air extraction which combines performance, efficiency and comfort.

FEATURES

- Centrifugal duct fan $\varnothing 100$ mm with central outlet.
- Extremely compact.
- Flat design cover with lateral intake.
- Made of high quality antistatic tecnopolymer material.
- Advanced profile which optimizes the fluid dynamic performance of the fan. (Maico patent).
- Provided with robust and anti-reverse back-draught shutters (the part can be removed in case of installation with an external gravity shutter).
- High performance: 97 m³/h - 159 Pa.
- Easily removable front cover and filters for cleaning.
- High magnetic permeability induction motor 230V-50Hz with thermal protection.
- Ball bearing motor LONG LIFE 30.000 hours.
- Provided with anti-vibration gasket.
- Controllable via speed controllers and sensors (standard version).
- Double insulation, Class II: no earth connection required.
- IPX4 protected.
- Comply with EN 60335-2-80, LVD 2006/95/CE, EMC 2004/108/CE.

VERSIONS



STANDARD - Light/remote control switch



PULL CORD - On/Off via pull cord switch



TIMER - Integral electronic timer adjustable from 3 to 25 minutes.



COMFORTIMER - New microchip Timer version adjustable from 3 to 25 minutes with overrunning at low speed for energy saving upto 64% compared to a standard timer version. The low speed guarantees increased silence and energy saving though maintaining a satisfying exhausting efficiency. Version particularly suitable for hotels, hospitals, private homes and all those settings where silence is a must.



MHY SMART HUMIDITY CONTROL - Provided with the latest microchip technology. Operation: automatic and progressive increase / decrease of the motor speed according to the percentage of R.H.



2 SPEED - Double speed version (24 hours running at the lowest speed-max speed goes on via remote control or humidity / timer control).



EC MOTOR - High efficiency, electronically controlled, brushless motor.

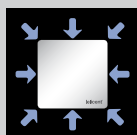


SELV - Low Voltage 12 V a.c. - Available also in SELV Timer

✓ **Centrifugal power**

✓ **$\varnothing 100$ mm**
with central outlet

Available with



Lateral intake
on the whole
perimeter



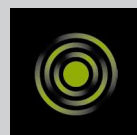
Sliding filter



Antivibration
gasket



Ball bearing
motor LONG LIFE
30.000 hours

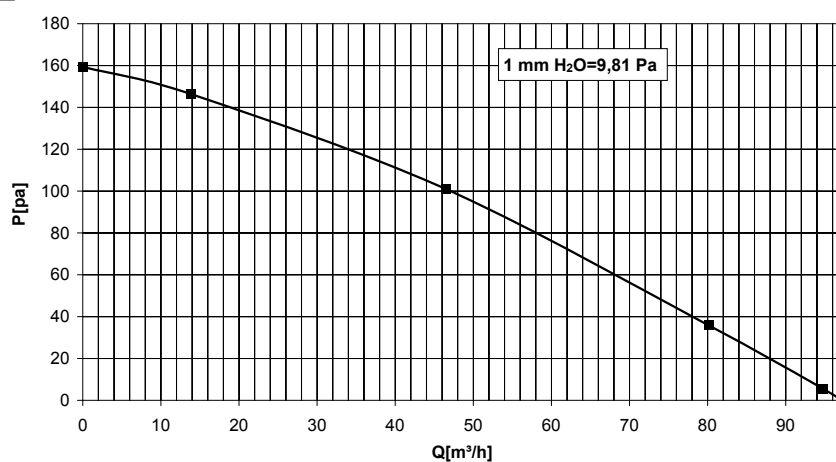


EC Motor
(on request)

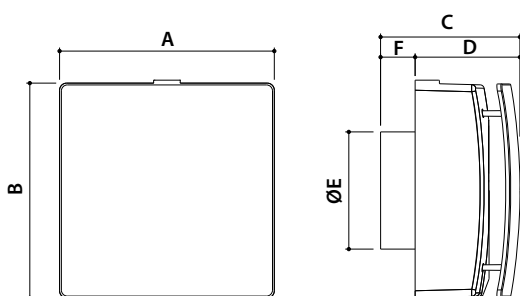
PERFORMANCE

MODEL	AIR FLOW MAX		PRESSURE MAX	W	SOUND PRESSURE at 3 m	PROTECTION
	m3/h	l/s	Pa		dB(A)	
Base/Standard - Pull Cord - Timer - Mhy Smart - Selv - Selv Timer						
ELIX 100	97	27	159	35	42	IPX4
Comfortimer - 2V / 2 Speed						
ELIX 100	97 / 54	27 / 15	159 / 118	35 / 14	42 / 23	IPX4

CURVES

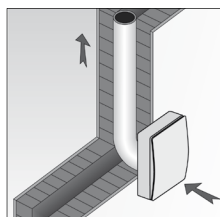


DIMENSIONS (mm)

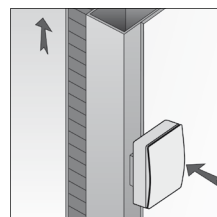


MODEL	A	B	C	D	E	F	Kg
ELIX 100	180	180	116	87	99	29	2,6

INSTALLATION



Single duct



Multiple duct