

CABINET CENTRIFUGAL FANS

SERIES ACL

➔ in-line installation

➔ for duct expulsion

DESCRIPTION:

The cabinet centrifugal fans of ACL series are suitable to be used in centralized ventilation systems of both civil and commercial environments such as houses, gyms, shops, bars, etc.

Compared with traditional centrifugal fans, being in alignment with the ducts, they are easier to install.

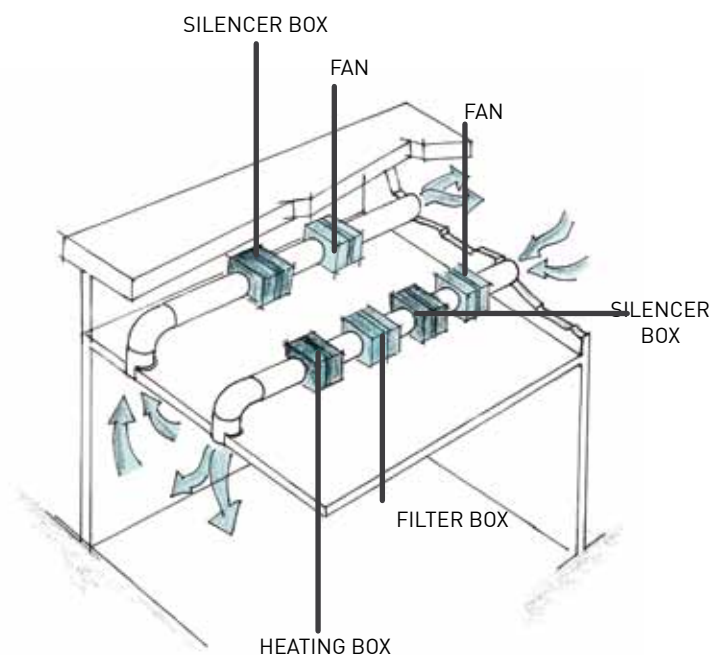
The compact size and the silent functioning mode allow them to be installed in false ceilings. Furthermore, the application of a heating box in the air intake system parallel to that of air extraction allow to create a complete air circulation system with heat recovery.

MAIN FEATURES:

- Galvanized steel sheet structure.
- Backward-curved centrifugal impeller directly coupled with the motor.
- External rotor motor - Class F - IP44 - "LONG LIFE" ball bearings.
- For continuous operation in environments with max temperature 50°C.
- Complies Reg. (UE) 1253/2014

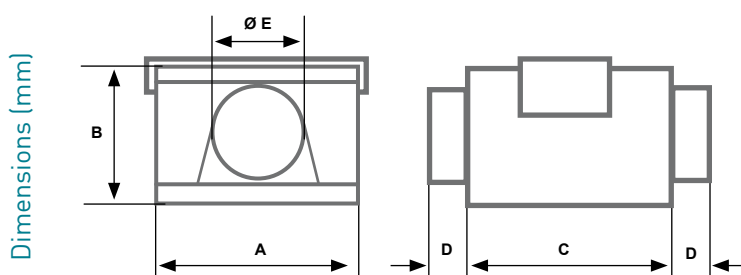
ACCESSORIES:

- Phase slicing speed regulator for monophase motors.
- Silencer box.
- Filter box.
- Heating box.



DIMENSIONS

MODEL	A	B	C	D	ØE
ACL 100	300	200	350	80	100
ACL 125	300	200	350	80	125
ACL 150	300	200	350	80	150
ACL 200	350	230	350	80	200
ACL 250	350	280	400	80	250
ACL 315	400	350	450	80	315



TECHNICAL SPECIFICATIONS

ACL SERIES - MONOPHASE

230V - 50HZ

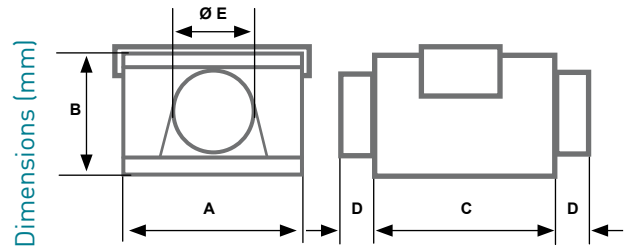
CODE	MODEL	m ³ /hr	Pt max mmH ₂ O	Ref. curves	Rpm nom.	MOTOR				dB(A) 3mt	Kg
						Kw	A	Cl. Is.	IP		
2 POLES											
AP14001	ACL 100	510	33	1	2800	0,08	0,33	F	33	49	1,36
AP14002	ACL 125	700	41	2	2800	0,1	0,43	F	33	51	1,66
AP14003	ACL 150	900	51	3	2800	0,1	0,43	F	33	52	1,66
AP14004	ACL 200	1200	51	4	2800	0,16	0,69	F	33	61	2,44
AP14005	ACL 250	1500	59	5	2800	0,23	0,98	F	33	60	3,1
AP14006	ACL 315	1800	57	6	2800	0,27	1,17	F	33	66	3,2

ACCESSORIES

SILENCER BOX

Acoustic baffles silencer box in galvanized steel, insulated with sound proof material.

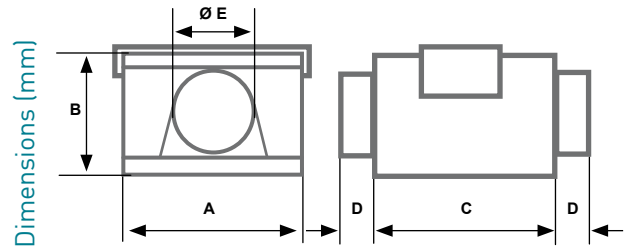
CODE	MODEL	A	B	C	D	ØE	Kg
AP19400	BSL 100	300	200	600	80	100	10
AP19401	BSL 125	300	200	600	80	125	10
AP19402	BSL 150	300	200	600	80	150	11
AP19403	BSL 200	350	230	600	80	200	11
AP19404	BSL 250	350	280	600	80	250	14
AP19405	BSL 315	400	350	600	80	315	16



FILTER BOX

Filter box in galvanized steel, with a medium efficiency G2 class synthetic filter.

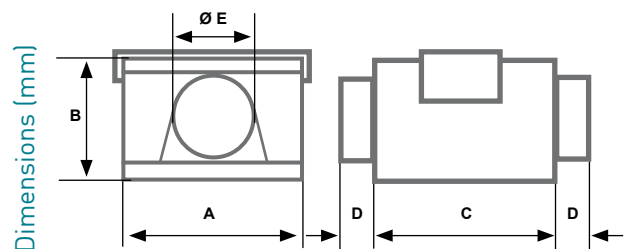
CODE	MODEL	A	B	C	D	ØE	Kg
AP19410	BFL 100	300	200	260	80	100	3
AP19411	BFL 125	300	200	260	80	125	3
AP19412	BFL 150	300	200	260	80	150	4
AP19413	BFL 200	350	230	260	80	200	6
AP19414	BFL 250	350	280	260	80	250	6
AP19415	BFL 315	400	350	260	80	315	7



HEATING BOX

Heating box in galvanized steel with a 230V - 50Hz monophasic heating element with a control thermostat.

CODE	MODEL	A	B	C	D	ØE	Watt	Kg
AP19420	BRL 100	300	200	260	80	100	2000	5
AP19421	BRL 125	300	200	260	80	125	2000	5
AP19422	BRL 150	300	200	260	80	150	3000	6
AP19423	BRL 200	350	230	260	80	200	3000	6
AP19424	BRL 250	350	280	260	80	250	4000	7
AP19425	BRL 315	400	350	260	80	315	4000	9



MONOPHASE SPEED REGULATORS

CODE	MODEL	to control the ACL series models
AP2568	RDV 1,5-MF	ACL 100, ACL 125, ACL 150
AP2600	RDV 3-MF	ACL 200, ACL 250, ACL 315



SPARE PARTS

G2 CLASS SYNTHETIC FILTERS

CODE	MODEL	Dimensions in mm A x B x C
AP19430	RFL 100	290 x 190 x 25
AP19431	RFL 125	290 x 190 x 25
AP19432	RFL 150	290 x 190 x 25
AP19433	RFL 200	340 x 220 x 25
AP19434	RFL 250	340 x 270 x 25
AP19435	RFL 315	340 x 340 x 25

CHARACTERISTIC CURVES

ACL SERIES - 2 POLES - 2800 RPM

1	100	3	150	5	250
2	125	4	200	6	315

