

IN-LINE CENTRIFUGAL FANS

AKL SERIES

➔ for duct application

DESCRIPTION:

The AKL series centrifugal fans are designed to be used for ventilation systems in commercial and industrial environments where low or/and medium airflows at moderate pressures are required.

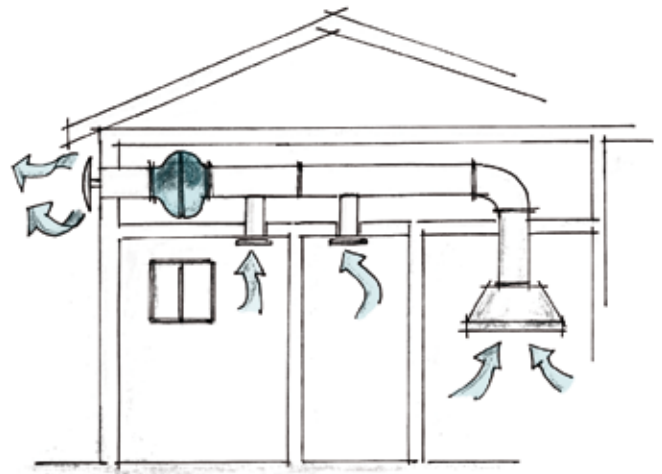
The design features of this fan make it suitable for in-line installation anywhere along the duct.

MAIN FEATURES:

- Galvanized steel body tinted with epoxy resin coating.
- External rotor and backward-curved radial impeller with thermal protection.
- F insulation class - IP44 - "LONG LIFE" ball bearings - overheat thermal protection.
- For continuous operation in environments with temperatures between -25°C and +70°C.
- All models, except for AKL 315 and AKL 315L model, can be powered with 230V - 60Hz.

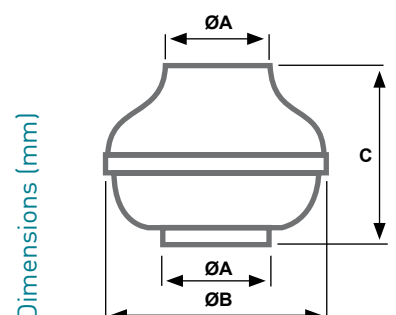
ACCESSORIES:

- Phase slicing speed regulator for monophase motors.
- Fitting bracket for wall or ceiling mounting.
- Backdraught gravity shutter, supplied.
- Hose clamp supplied as an accessory.
- Protection grid.
- Silencer, filter and heating box in galvanized steel



DIMENSIONS

MODEL	ØA	B	C
AKL 100 L	99	245	209
AKL 125 L	124	245	193
AKL 160	159	270	205
AKL 160 L	160	344	228
AKL 200	199	344	227
AKL 250	249	344	244
AKL 315	314	402	253
AKL 315 L	314	402	233



TECHNICAL SPECIFICATIONS

AKL SERIES - MONOPHASE

230V - 50HZ

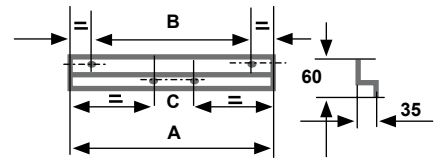
CODE	MODEL	m ³ /hr	Pt max Pa	Ref. curves	Rpm nom.	MOTOR				dB(A) 1,5mt	Kg
						W	A	Cl. Is.	IP		
2 POLES											
AP8482	AKL 100 L	250	235	1	60	28	0,2	F	X4	48	2,8
AP8490	AKL 125 L	300	240	2	60	28	0,2	F	X4	46	2,7
AP8508	AKL 160	460	360	3	70	49	0,3	F	X4	51	3,2
AP8512	AKL 160 L	670	600	4	60	104	0,9	F	X4	62	3
AP8516	AKL 200	810	460	5	70	100	0,5	F	X4	59	4,2
AP8524	AKL 250	890	480	6	60	100	0,5	F	X4	62	4,3
AP8532	AKL 315	1460	610	7	70	208	1,7	F	X3	79	6,5
AP8534	AKL 315 L	1990	760	8	65	270	1,9	F	X3	80	6

ACCESSORIES

FAN FITTING BRACKET

CODE	MODEL	A	B	C	Kg
AP8540	STAFFA AKL 100/125/160	240	203	40	0,3
AP8581	STAFFA AKL 200/250/315	340	303	40	0,4

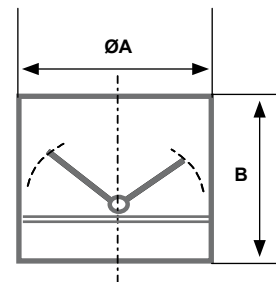
Dimensions (mm)



BACKDRAUGHT GRAVITY SHUTTER

CODE	MODEL	ØA	B	Kg
AP7252	SGA 100	100	88	0,2
AP7260	SGA 125	125	88	0,2
AP7286	SGA 160	160	88	0,3
AP7294	SGA 200	200	88	0,6
AP7302	SGA 250	250	128	0,7
AP7310	SGA 315	315	128	0,9

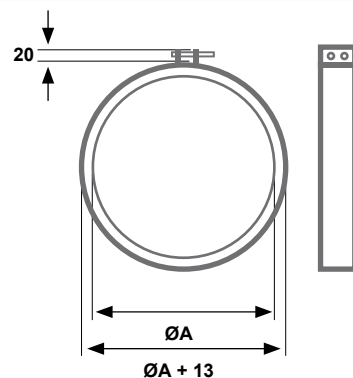
Dimensions (mm)



HOSE CLAMP

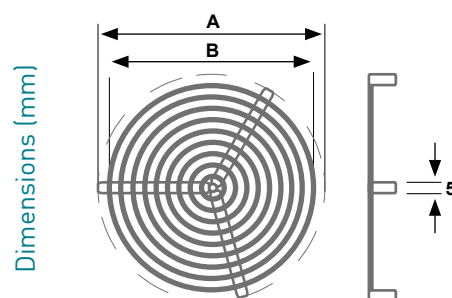
CODE	MODEL	Kg
AP7369	CFS 100	0,2
AP7377	CFS 125	0,2
AP7393	CFS 160	0,2
AP7401	CFS 200	0,3
AP7419	CFS 250	0,3
AP7427	CFS 315	0,5

Dimensions (mm)



PROTECTION GRID

CODE	MODEL	ØA	B	Kg
AP7700	GDP 100	100	90	0,1
AP7702	GDP 125	125	110	0,1
AP7716	GDP 160	160	150	0,2
AP7187	GDP 200	200	190	0,2
AP7704	GDP 250	250	250	0,3
AP7708	GDP 315	315	315	0,5



MONOPHASE SPEED REGULATORS

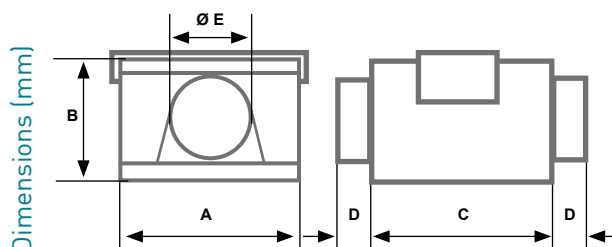
CODE	MODEL	
AP2568	RDV 1,5-MF	to control all the AKL series models excluded AKL315L
AP2600	RDV 3-MF	to control model AKL315L



SILENCER BOX

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

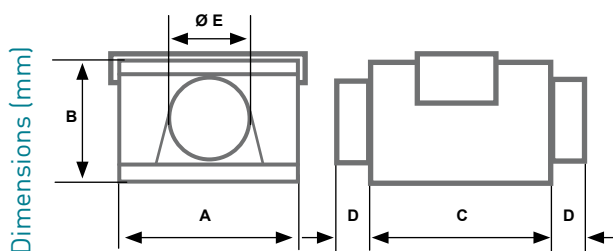
CODE	MODEL	A	B	C	D	ØE	Kg
AP19400	BSL 100	300	200	600	80	100	10
AP19401	BSL 125	300	200	600	80	125	10
AP19402	BSL 150	300	200	600	80	150	11
AP19403	BSL 200	350	230	600	80	200	11
AP19404	BSL 250	350	280	600	80	250	14
AP19405	BSL 315	400	350	600	80	315	16



FILTER BOX

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

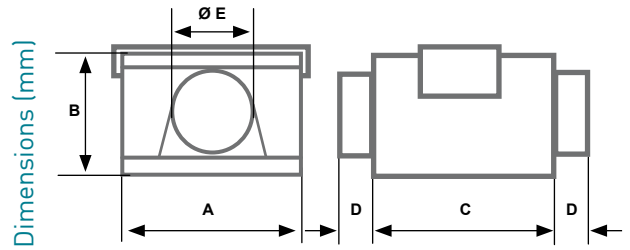
CODE	MODEL	A	B	C	D	ØE	Kg
AP19410	BFL 100	300	200	260	80	100	3
AP19411	BFL 125	300	200	260	80	125	3
AP19412	BFL 150	300	200	260	80	150	4
AP19413	BFL 200	350	230	260	80	200	6
AP19414	BFL 250	350	280	260	80	250	6
AP19415	BFL 315	400	350	260	80	315	7



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



CHARACTERISTIC CURVES

AKL SERIES- 2 POLES - 2800 RPM

1	100 L	3	160	5	200	7	315
2	125 L	4	160 L	6	250	8	315 L

