

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.

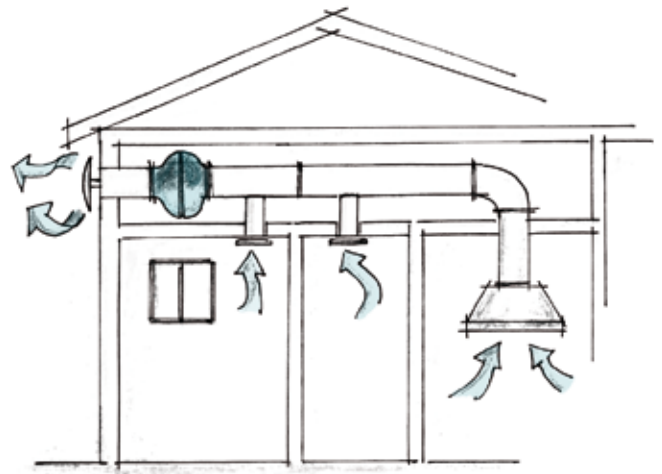
The design features of this fan make it suitable for in-line installation anywhere along the duct, both horizontally and vertically.

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 depending on the model.
- Compliant with European Regulation 1253/2014

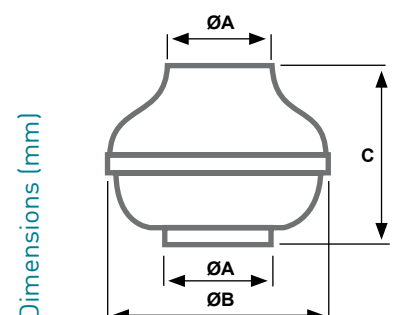
ACCESSORIES:

- 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	229
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		
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	X4	79	6,5
AP8534	AKL 315 L *	1990	760	8	65	270	1,9	F	X4	80	6

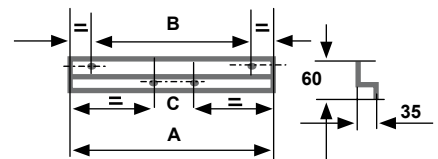
* Models not compatible with RDV – MF single-phase speed controllers.
Adjustment trimmer included.

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

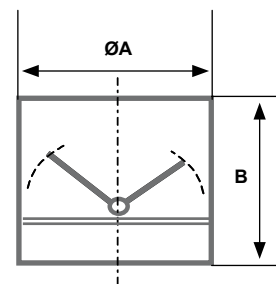
Dimensions (mm)



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

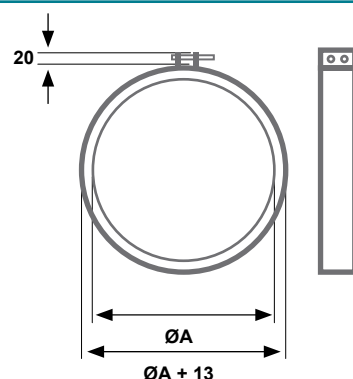
Dimensions (mm)



HOSE CLAMP

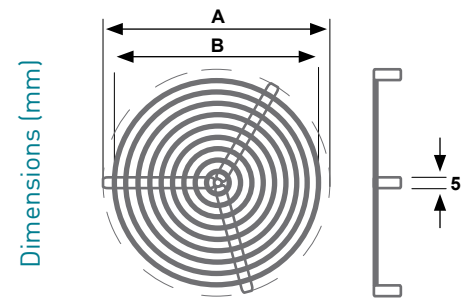
CODE	MODEL	Kg
AP7369	CFS 100	0,2
AP7377	CFS 125	0,2
AP7393	CFS 160	0,2
AP7401	CFS 200	0,3
AP7419	CFS 250	0,3
AP7427	CFS 315	0,5

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

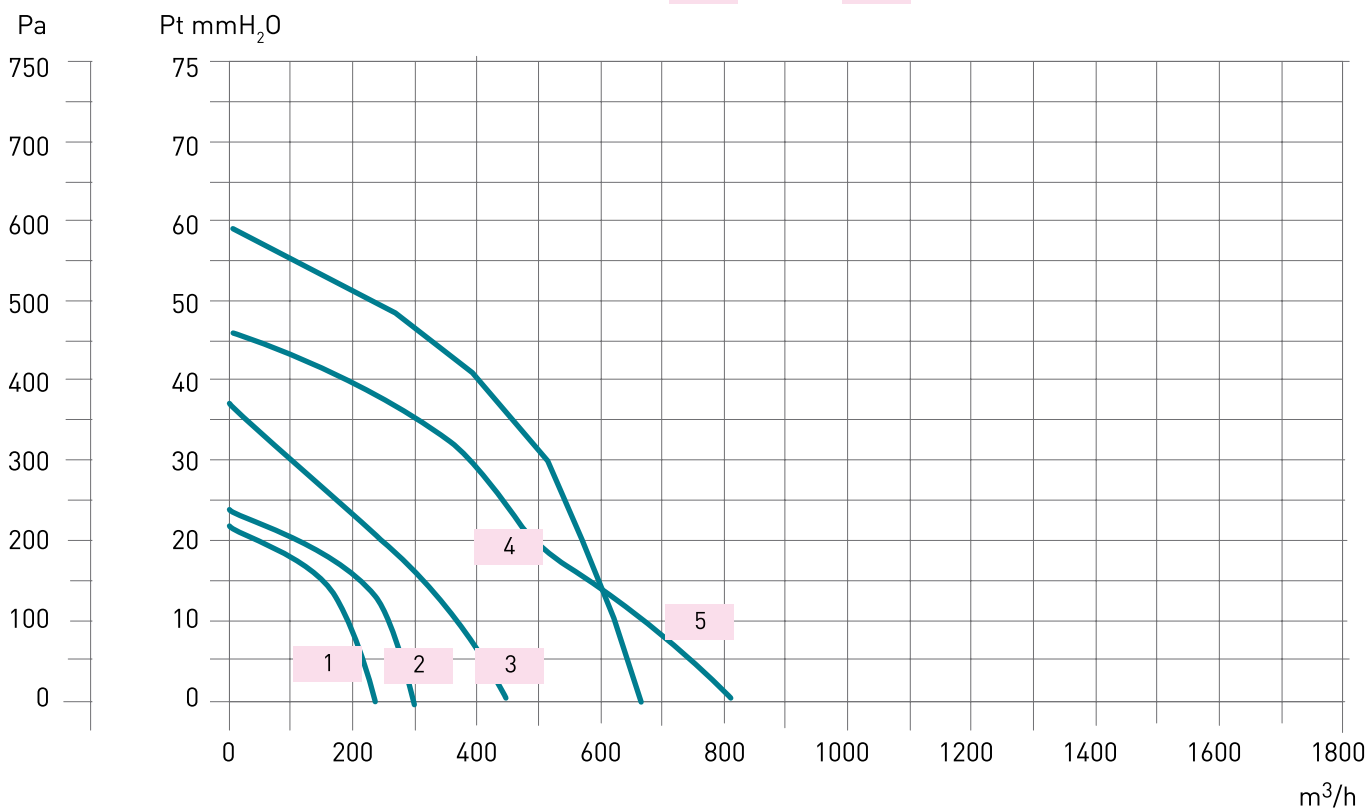
CODE	MODEL	
AP2568	RDV 1,5-MF	AKL 100 L, AKL 125 L, AKL 160, AKL 160 L
AP2600	RDV 3-MF	AKL 200, AKL 250



CHARACTERISTIC CURVES

AKL SERIES

- 1 100 L
- 3 160
- 5 200
- 2 125 L
- 4 160 L



- 6 250
- 7 315
- 8 315 L

