2 years Warranty

KF SERIES AIRCOL IN - LINE DUCT FANS

100 KF
125 KF

Fields of Use

- For various sized places:

  Suitable for ventilation of residences, offices, public toilets, shopping centers, sports centers, theatres, laboratories, factories, workshops, paint shops, storehouses, garages, etc.
- Designed especially for installation via a duct connection in order to discharge polluted air and provide fresh air.

Options of Use

Standard use with the on-off button.

Possibility to use at desired speed by use of speed control devices.

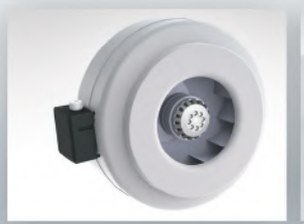
Thermal protection with sensors against overheating in hot places.

Product Features

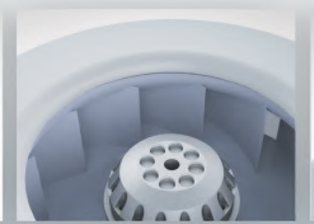
- Resistant to corrosion, high temperatures and other harsh conditions thanks to the body made of high-quality galvanized steel sheet.
- High pressure air flow, low noise level and high efficiency thanks to the backward inclined impeller design.
- Generating minimum level of vibration, the product successfully passed the tests performed in compliance with the ISO 1940 standard.
- Very easy electric connection with the terminal box included in the IP55 protection class.
- Installation to any location by the help of the installation apparatus given with the product.
- Suitable for use in different size places thanks to different size models.
- IPX4 protection against water splash.
- Low energy consumption and high efficiency thanks to the external rotor mono-phase motor.
- Motor bearings offer a silent and long-life performance without the need of maintenance.
- Motor included in the IP44 protection class and F insulation class.
- All products are manufactured in accordance with the EN 60335-2-80, Low Voltage Equipment [2006/95/EC] and Electromagnetic Compatibility [2004/108/EC] norms.

Advantages Offered by the Product

KF SERIES



High resistance to external factors with the use of high quality galvanized sheet



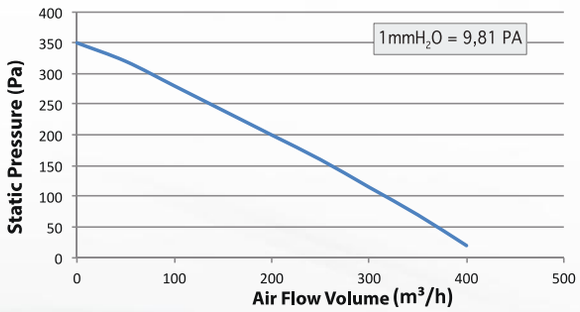
Special impeller design providing high pressure air flow and offering dynamic and static balance (ISO 1940)

Easy installation at desired point with the installation foot

Less pressure losses in the ducts with the air flow straightening outlet design

Easy electric connection and high protection with the terminal box included in the IP55 protection class

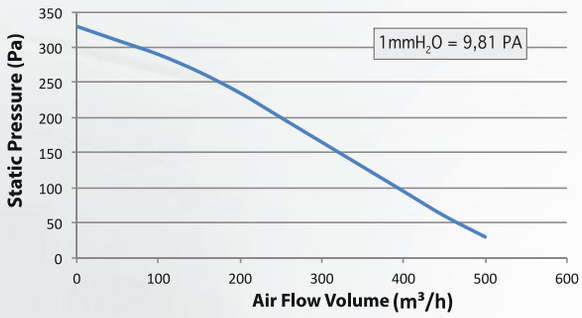
Performance Curves (Aircol 100 KF)



Technical Properties

Voltage / Frequency	(Volt / Hz)	230 / 50
Current	(A)	0,28
Power	(Watt)	68
Capacitor	(µF / VDB)	2,5 / 400
Air Flow	(m³/hour)	400
Speed	(Rpm)	2400
Pressure	(Pa)	350
Sound Pressure Level	(dB (A))	42
Min. / Max. Ambient Temperature	(°C)	-25 / 60
Material		Galvanized steel sheet
Protection Class / IP		I / IPX4
Motor Insulation Class		H
Approval		VDE
Certification		CE

Performance Curves (Aircol 125 KF)



Technical Properties

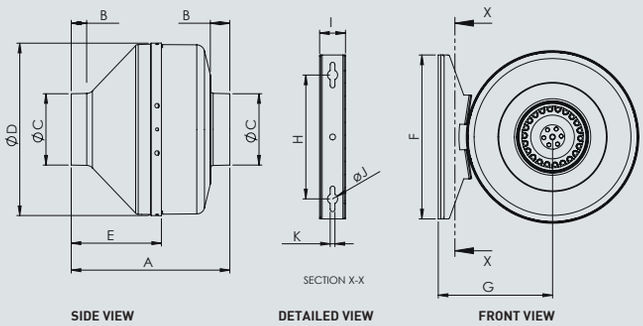
Voltage / Frequency	(Volt / Hz)	230 / 50
Current	(A)	0,29
Power	(Watt)	76
Capacitor	(µF / VDB)	2,5 / 400
Air Flow	(m³/hour)	500
Speed	(Rpm)	2350
Pressure	(Pa)	320
Sound Pressure Level	(dB (A))	43
Min. / Max. Ambient Temperature	(°C)	-25 / 60
Material		Galvanized steel sheet
Protection Class / IP		I / IPX4
Motor Insulation Class		H
Approval		VDE
Certification		CE

Installation Procedure

KF SERIES

1- Create two holes of Ø8 mm on the installation surface, with a distance of 170 mm between them.
2- After placing the dowels given with the product in the holes, fasten them in a certain amount by use of a wrench or screwdriver as seen in the figure.
3- As seen in the figure, place the installation foot of the fan in the screw housing you prepared and slide it downwards.
4- Fully fasten the screws in order to complete installation.
5- Lastly, install the induct duct to the induct fan by use of installation brackets as seen in the figure.

Dimensions (mm)



MODEL	A	B	C	D	E	F	G	H	I	J	K
AIRCOL 100 KF	218	26	Ø98	237	124	225	157	170	35,5	14	6,5
AIRCOL 125 KF	203	26	Ø123	237	110	225	157	170	35,5	14	6,5

2 years Warranty

KF SERIES AIRCOL IN - LINE DUCT FANS

150 KF
200 KF

Fields of Use

- For various sized places:
  Suitable for ventilation of residences, offices, public toilets, shopping centers, sports centers, theatres, laboratories, factories, workshops, paint shops, storehouses, garages, etc.
- Designed especially for installation via a duct connection in order to discharge polluted air and provide fresh air.

Options of Use

Standard use with the on-off button.

Possibility to use at desired speed by use of speed control devices.

Thermal protection with sensors against overheating in hot places.

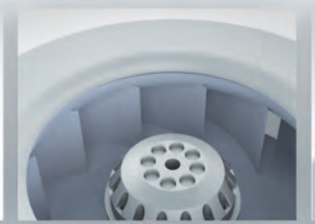
Product Features

- Resistant to corrosion, high temperatures and other harsh conditions thanks to the body made of high-quality galvanized steel sheet.
- High pressure air flow, low noise level and high efficiency thanks to the backward inclined impeller design.
- Generating minimum level of vibration, the product successfully passed the tests performed in compliance with the ISO 1940 standard.
- Very easy electric connection with the terminal box included in the IP55 protection class.
- Installation to any location by the help of the installation apparatus given with the product.
- Suitable for use in different size places thanks to different size models.
- IPX4 protection against water splash.
- Low energy consumption and high efficiency thanks to the external rotor mono-phase motor.
- Motor bearings offer a silent and long-life performance without the need of maintenance.
- Motor included in the IP44 protection class and F insulation class.
- All products are manufactured in accordance with the EN 60335-2-80, Low Voltage Equipment [2006/95/EC] and Electromagnetic Compatibility [2004/108/EC] norms.

Advantages Offered by the Product

KF SERIES

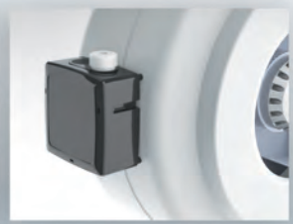
High resistance to external factors with the use of high quality galvanized sheet



Special impeller design providing high pressure air flow and offering dynamic and static balance (ISO 1940)

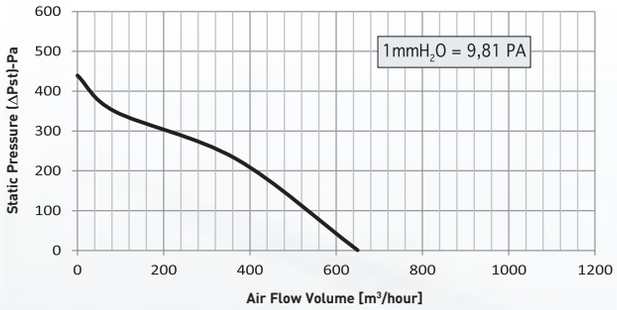
Easy installation at desired point with the installation foot

Less pressure losses in the ducts with the air flow straightening outlet design



Easy electric connection and high protection with the terminal box included in the IP55 protection class

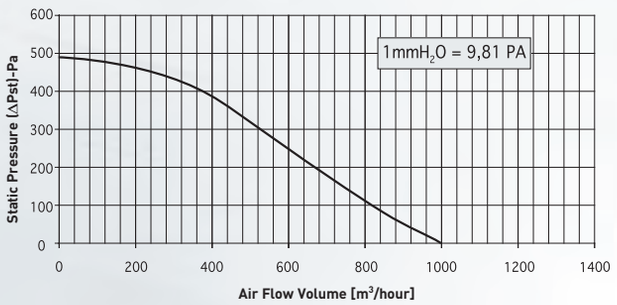
Performance Curves (Aircol 150 KF)



Technical Properties

Voltage / Frequency	(Volt / Hz)	230 / 50
Current	(A)	0,47
Power	(Watt)	110
Capacitor	(µF / VDB)	3 / 400
Air Flow	(m³/hour)	650
Speed	(Rpm)	1530
Pressure	(Pa)	440
Sound Pressure Level	(dB (A))	47
Min. / Max. Ambient Temperature	(°C)	-25 / 60
Material		Galvanized steel sheet
Protection Class / IP		I / IPX4
Motor Insulation Class		H
Approval		VDE
Certification		CE

Performance Curves (Aircol 200 KF)

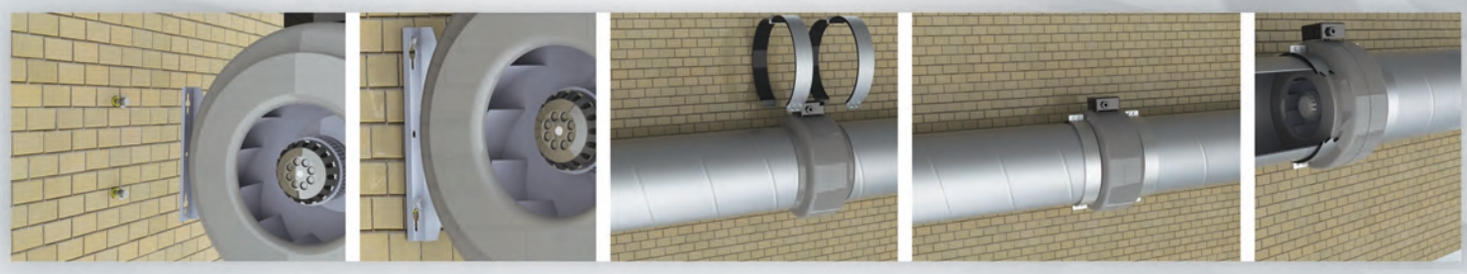


Technical Properties

Voltage / Frequency	(Volt / Hz)	230 / 50
Current	(A)	0,68
Power	(Watt)	160
Capacitor	(µF / VDB)	4 / 400
Air Flow	(m³/hour)	1000
Speed	(Rpm)	2600
Pressure	(Pa)	500
Sound Pressure Level	(dB (A))	52
Min. / Max. Ambient Temperature	(°C)	-25 / 60
Material		Galvanized steel sheet
Protection Class / IP		I / IPX4
Motor Insulation Class		H
Approval		VDE
Certification		CE

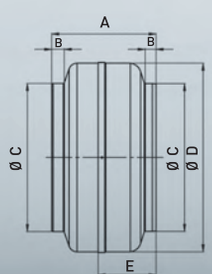
Installation Procedure

KF SERIES

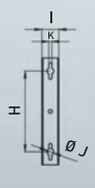


1- Create two holes of Ø8 mm on the installation surface, with a distance of 170 mm between them.
2- After placing the dowels given with the product in the holes, fasten them in a certain amount by use of a wrench or screwdriver as seen in the figure.
3- As seen in the figure, place the installation foot of the fan in the screw housing you prepared and slide it downwards.
4- Fully fasten the screws in order to complete installation.
5- Lastly, install the induct duct to the induct fan by use of installation brackets as seen in the figure.

Dimensions (mm)

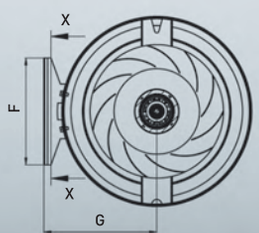


SIDE VIEW



X-X SECTION

DETAILED VIEW



FRONT VIEW

MODEL	A	B	C	D	E	F	G	H	I	J	K
AIRCOL 150 KF	230	30	Ø149	321,8	125	225	200	170	35,5	14	6,5
AIRCOL 200 KF	228	30	Ø199	342	130	225	210,5	170	35,5	14	6,5

2 years Warranty

KF SERIES AIRCOL IN - LINE DUCT FANS

250 KF
315 KF

Fields of Use

- For various sized places:
  Suitable for ventilation of residences, offices, public toilets, shopping centers, sports centers, theatres, laboratories, factories, workshops, paint shops, storehouses, garages, etc.
- Designed especially for installation via a duct connection in order to discharge polluted air and provide fresh air.

Options of Use

Standard use with the on-off button.

Possibility to use at desired speed by use of speed control devices.

Thermal protection with sensors against overheating in hot places.

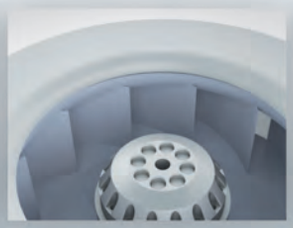
Product Features

- Resistant to corrosion, high temperatures and other harsh conditions thanks to the body made of high-quality galvanized steel sheet.
- High pressure air flow, low noise level and high efficiency thanks to the backward inclined impeller design.
- Generating minimum level of vibration, the product successfully passed the tests performed in compliance with the ISO 1940 standard.
- Very easy electric connection with the terminal box included in the IP55 protection class.
- Installation to any location by the help of the installation apparatus given with the product.
- Suitable for use in different size places thanks to different size models.
- IPX4 protection against water splash.
- Low energy consumption and high efficiency thanks to the external rotor mono-phase motor.
- Motor bearings offer a silent and long-life performance without the need of maintenance.
- Motor included in the IP44 protection class and F insulation class.
- All products are manufactured in accordance with the EN 60335-2-80, Low Voltage Equipment [2006/95/EC] and Electromagnetic Compatibility [2004/108/EC] norms.

Advantages Offered by the Product

KF SERIES

High resistance to external factors with the use of high quality galvanized sheet.



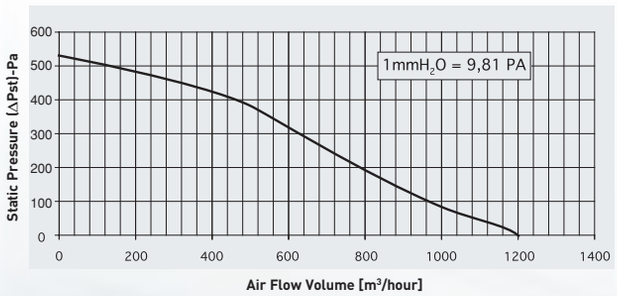
Special impeller design providing high pressure air flow and offering dynamic and static balance (ISO 1940).

Easy installation at desired point with the installation foot.

Less pressure losses in the ducts with the air flow straightening outlet design.

Easy electric connection and high protection with the terminal box included in the IP55 protection class.

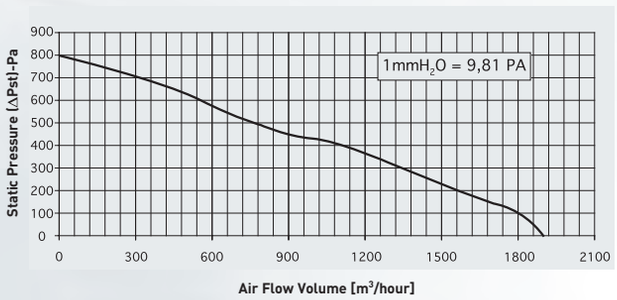
Performance Curves (Aircol 250 KF)



Technical Properties

Voltage / Frequency	(Volt / Hz)	230 / 50
Current	(A)	0,8
Power	(Watt)	180
Capacitor	(µF / VDB)	4 / 400
Air Flow	(m³/hour)	1200
Speed	(Rpm)	2700
Pressure	(Pa)	520
Sound Pressure Level	(dB (A))	57
Min. / Max. Ambient Temperature	(°C)	-25 / 60
Material		Galvanized steel sheet
Protection Class / IP		I / IPX4
Motor Insulation Class		H
Approval		VDE
Certification		CE

Performance Curves (Aircol 315 KF)

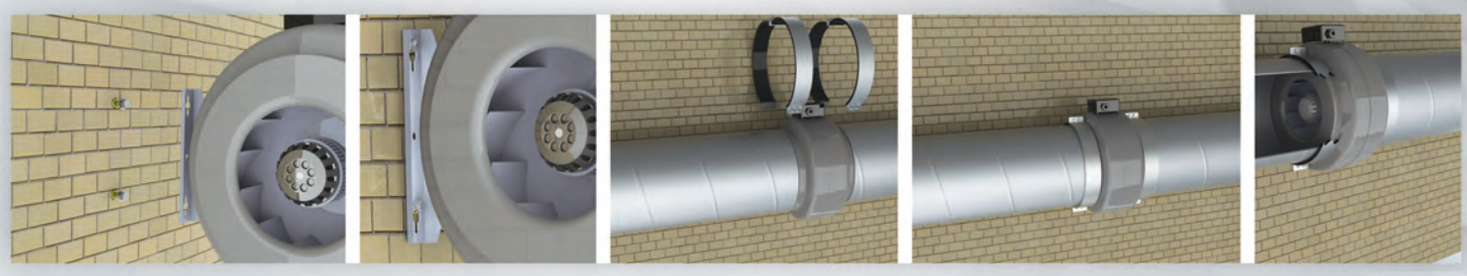


Technical Properties

Voltage / Frequency	(Volt / Hz)	230 / 50
Current	(A)	1,5
Power	(Watt)	285
Capacitor	(µF / VDB)	5 / 400
Air Flow	(m³/hour)	2000
Speed	(Rpm)	2500
Pressure	(Pa)	800
Sound Pressure Level	(dB (A))	68
Min. / Max. Ambient Temperature	(°C)	-25 / 60
Material		Galvanized steel sheet
Protection Class / IP		I / IPX4
Motor Insulation Class		H
Approval		VDE
Certification		CE

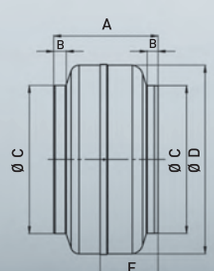
Installation Procedure

KF SERIES

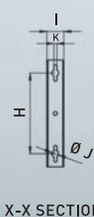


1- Create two holes of Ø8 mm on the installation surface, with a distance of 170 mm between them.
2- After placing the dowels given with the product in the holes, fasten them in a certain amount by use of a wrench or screwdriver as seen in the figure.
3- As seen in the figure, place the installation foot of the fan in the screw housing you prepared and slide it downwards.
4- Fully fasten the screws in order to complete installation.
5- Lastly, install the induct duct to the induct fan by use of installation brackets as seen in the figure.

Dimensions (mm)

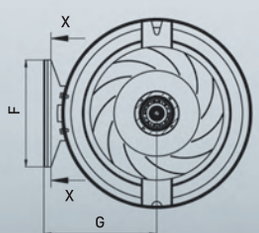


SIDE VIEW



X-X SECTION

DETAILED VIEW



FRONT VIEW

MODEL	A	B	C	D	E	F	G	H	I	J	K
AIRCOL 250 KF	227	30	Ø248	342	130	225	210,5	170	35,5	14	6,5
AIRCOL 315 KF	220	26	Ø311	397	122	225	238	170	35,5	14	6,5