

Dear Customer

Thank you for choosing our product. We are sure that it will fulfil all your expectations. We wish you satisfaction from you choice and trouble-free operation of the fan.

USAGE

Fans are used to force air exchange at the installation site. aRk Fans can be used in public spaces (shops, bars, restaurants), lavatories, as well as in residential and industrial buildings (workshops, halls, warehouses, garages). aRk fan can be controlled with rotation regulator.

BUILD

- Single-phase, asynchronous, induction motor, designed for continuous operation.
- formed at a right angel aluminum turbine
- resistant to corrosion and mechanical damage housing made of galvanized steel,

OPERATION

aRk fans don't require frequent service. They are designed for continuous operation, and depending on the operating conditions of the fan the service can be done periodically when needed

INSTALLATION

aRk fans should be installed: directly on the wall (part of the duct)

The aRk fans are adapted for installation in ducts.

After opening the box with the fan one should check:

- the condition of the power supply wire (cuts, cracks of the isolation)
- the condition of the housing of the fan (dents, deformity) - the turbine shouldn't graze the tunnel

- Date on the technical label should be corresponding with the technical parameters of the electrical system.

It is recommended to check the product due to possible damage caused by transport.

REMARKS!!

Installation operations should be performed only after the previous disconnection of the fan from the power supply. If no damage was stated you can proceed to the installation of the at place of destination:

- prepare the electrical connections
- install the fan in the air duct
- put channel on the housing flange
- Tighten the flexible ducts by using clamp and screw driver (so that the clam is placed in extrusions in the housing)

Connection to the electrical system must be performed by a qualified and certified electricalconnect the fan to the power supply

MAINTENANCE

In order to clean the fan one should

- disconnect the fan from the power supply
- disassemble the fan
- wash all of the parts with a damp cloth with a small amount of detergent, taking care not to wet the engine
- in case of serious pollution, turbine must be removed with a screwdriver or wrench

- after wiping dry of all components, the fan should be re-assembled (the turbine is fixed to the motor pivot thanks to the spacer and expansion-shell bolt, what means that the expansion-shell bolt does not tighten all the way)

- install the fan at the place of destination

- connect the fan to the power supply

Motor Maintenance

The engine should be examined periodically, depending on the conditions under which it operates, but not less frequently than once every two years. A review consists of cleaning and visual inspection of the exterior of the engine, and protecting parts. Review should be made by a person with appropriate qualifications. One should check the following:

- isolation resistance,
- grounding resistance
- condition of the bearings

Guarantee

airRoxy's aRk duct fans are warranted for a period of two years from the date of purchase. The warranty is valid only with receipt and properly filled in warranty card. It does not cover defects that arise as a result of exposure to chemicals, improper installation.

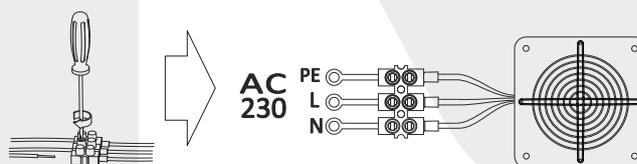
Attention!

Electrical connection must be performed by a qualified and licensed electrician! Regulation and maintenance operations should be performed only after the previous disconnection of the fan from the power supply. The electrical installation must include a switch in which the distance between the contacts of all the poles should not be less than 3 mm. It requires the absolute grounding of the fan. Precautions should be taken to prevent reverse flow of gases into the room from the open flue or other devices with open fire. aRk fans should not be used in rooms containing an increased amount of moisture and as explosion-proof fans. Regulation and maintenance operations should be performed only after the previous disconnection of the fan from the power supply, even if the fan isn't working. It is forbidden to approach the fan while it's operating and if the power supply wasn't disconnected previously. Installation of the aRk fan inconsistent with the manual guide as well as the operation of the fan even partially incomplete are not allowed! Always connect the ground wire! Check the rotating direction of the turbine when connected, because the wrong direction will cause the turbine malfunction. In case of damage, repair should be done by a specialist. Check all screw connections before setting the motor in motion.

technical parameters

Model	160	200
<Kod>	01-300	01-301
air flow	185 m ³ /h	400 m ³ /h
acoustic pressure	52dB	54dB
static pressure	32Pa	32Pa
supply voltage	220-240V, 50 Hz	
power	32W	32W
engine rotations	1 400	1 400
current consumption	0,2A	0,25A
max work temp	40°C	40°C
weight	1,7kg	1,9kg
protection degree	IPX2	IPX2
insulation class	1	1

ELECTRIC CONNECTION



Guarantee no: _____

<Data wykrycia usterki>	Date of repair	Scope of repair	Signature
Model Serial number: Date of sale: Receipt number:	Model Serial number: Date of sale: Receipt number:	Model Serial number: Date of sale: Receipt number:	
sales stamp	sales stamp	sales stamp	
date	date	date	
Service stamp	Service stamp	Service stamp	

2 year guarantee