



Installation and operating instruction

Air circulation fan

ARIZONA



1. Scope of delivery

1x Air circulation fan ARIZONA
2x chain with snap hook
2x V-hook

2. Technical data

Apparatus type:	ARIZONA
Power supply:	230 V ~ / 50-60 Hz
Power:	40 Watt
Air circulation:	460 m ³ /h
Protection category:	I
Protection class:	IP X4

IMPORTANT:

Familiarise yourself with and observe these operating instructions and the general safety and hazard notes before installation. Keep this document in a safe place for future reference. If you have any doubts about the safety of the apparatus, please consult a qualified technician. When installing in a greenhouse, please ensure that the electrical connections are made by a qualified electrician.

3. General

After unpacking and before commissioning, ensure that the apparatus and all the accessories are in good working order. In case of transport damage, please contact the responsible distributor or the manufacturer immediately. Keep packaging material (polybags, polystyrene, nails etc.) out of reach of children, since such materials can pose a hazard.

The ARIZONA electrical air circulation fan provides even and also energy-saving ventilation in greenhouses and winter gardens. It is simple to operate and requires very little installation space. This apparatus is certified for connection to 230 V ~ / 50-60 Hz AC only. It must be protected against heavy soiling and moisture. Any use other than that described above may damage the apparatus and also carries a risk of short circuits, fire, electric shock, etc. It is imperative that the safety and installation instructions are followed.

4. Safety and hazard notes

- Use only a public utility 230 V ~, 50/60 Hz mains socket outlet as power supply. Never attempt to operate the apparatus with a different voltage.
- If you are unsure about operation, safety or connection of the apparatus, please consult a qualified technician.
- This apparatus is for indoor use only.
- The apparatus must be unplugged from mains before opening the cover or removing components.
- Never plug into mains or unplug if your hands are wet.
- Never pull on the power cable, pull the plug only by gripping it by the surfaces provided.
- Never install the apparatus near taps, basins or other sources of water. Also never connect your apparatus to a power supply if the surface of the fan is moist.
- Do not insert objects into the openings of the apparatus. Risk of injury, electric shock or damage to the apparatus!
- When installing, ensure that the connecting lead is not crushed or damaged by sharp edges. If this should damage the insulation, the apparatus must under no circumstances be connected to mains. **Life-threatening!**
- Always pull the mains plug before cleaning the apparatus. Clean only with a moist (not wet) cloth.
- Always pull the mains plug if the apparatus will not be used for a length of time. During this time, store the apparatus in a protected and dry place.
- If it is likely that the apparatus can no longer be safely operated, it must be decommissioned and protected against accidental operation. This is the case:
 - if the apparatus or mains cable are visibly damaged
 - if the apparatus has stopped working
 - after extended storage in unfavourable conditions
 - after serious transport stress
- Apparatus operating with mains voltage must be kept away from children.
- The apparatus is not suited for use in areas used for animal husbandry.
- These operating instructions are part of the apparatus and should be kept in a safe place. If the apparatus is passed on to third parties, it must be accompanied by these operating instructions.
- In industrial facilities, the Accident Prevention Regulations for Electrical installations and Operating Materials of the Industrial Employer's Liability Insurance Association are to be observed.
- Never spill fluids on the apparatus. There is a danger of fire or lethal electric shock. If this should nevertheless transpire, unplug the mains and consult a qualified technician.
- Should you be unsure about the proper connection or should any questions arise that are not dealt with in the operating instructions, please contact the manufacturer or a qualified technician.
- This apparatus may neither be operated by persons (including children) with limited physical, sensory or mental faculties nor by persons who are not sufficiently experienced or adequately knowledgeable in the use of the product, unless such persons are supervised or instructed in the use of the apparatus by a person responsible for their safety.

5. Installation

In damp rooms, electrical apparatus may only be operated from residual current protected sockets! Before operating the apparatus, ensure that this is the case where it is to be installed.

Ensure that the air circulation fan is not connected to mains before or during installation. Select the place for installation to prevent any possibility of exposure to rain or falling into water.

Lay the connecting cable in a manner not posing a stumbling hazard and so that it cannot be crushed or come into contact with hot surfaces. Use only extension leads matched to the power rating of the apparatus and complying with the applicable safety regulations.

Hanging installation:

To use the ARIZONA air circulation fan as a hanging device, the supplied chains must first be fitted.

The following supplied components are required for assembly:

2x ARIZONA hanging chains

2x V-hooks

The ARIZONA fan is supplied with metal eye bolts on the housing to hook the chains via the snap hooks. Then hook the V-hooks into the other two snap hooks. These V-hooks are then fastened to the profiles of your greenhouse.

Your ARIZONA air circulation fan is now ready to use as a hanging fan.

Note:

When selecting the installation site, ensure that the airflow is unobstructed. The distance between the wall and the back air intake must be at least 250 mm and at least 500 mm from the front of the fan. Ensure that the fan intake and outlet are not blocked by any objects (e.g. plants).

6. Operation

To start up the ARIZONA air circulation fan, plug it into any 230 V ~ 50/60 Hz AC socket. The fan immediately starts circulating the air.

Pollination promotion:

The air circulation fan can promote plant pollination during flowering. Constant air circulation distributes pollen throughout the area.

Cooling the greenhouse:

On hot summer days, high temperatures above average occur in your greenhouse - not suited for all plant species. The ARIZONA air circulation fan can vent excess heat to the outside. Clearly cooler conditions can be achieved in conjunction with open doors and skylights.

RECOMMENDATION:

For particularly effective and pleasant ventilation, we recommend the Bio Green thermostat *Thermo 2* (Order no. TER2). This activates the fan automatically when your selected temperature is exceeded. And it switches off when the corresponding cooling has been achieved.

7. Cleaning, repairs and disposal

- Do not use abrasive or caustic cleaning agents.
- Before cleaning, switch off the apparatus and allow it to cool down for about 30 min. before starting to clean.
- Clean the enclosure with a damp (not wet) cloth, vacuum cleaner or feather duster.
- Never submerge the apparatus in water.
- Take the material to be disposed of to an appropriate waste disposal point.
- The apparatus may only be repaired by authorised specialists. Please therefore contact the manufacturer or distributor in this regard.
- **Attention!** The guarantee is null and void in cases of improper repairs.
- Inappropriate repairs pose a hazard to the user and other persons.

8. Warranty and servicing

We offer you a 2-year unlimited manufacturer's warranty (effective from the date of purchase) on all Bio Green products. Damages arising from external force, improper use as well as non-observance of cleaning and servicing and operating instructions are excluded under this warranty.

Important note

The apparatus may only be opened and repairs may only be carried out by authorised specialists, in due consideration of the applicable repair instructions. Only original components may be fitted.

The guarantee for proper operation and operating safety can only be honoured if the apparatus is properly installed and handled. This also applies with respect to statutory provisions for technical working materials as well as applicable accident prevention regulations.

For warranty claims, please complete the enclosed warranty and info card!

Please contact our BioGreen Service should you have any further questions:

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