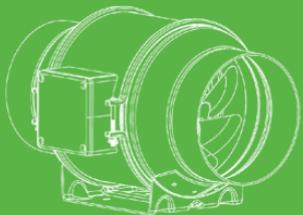
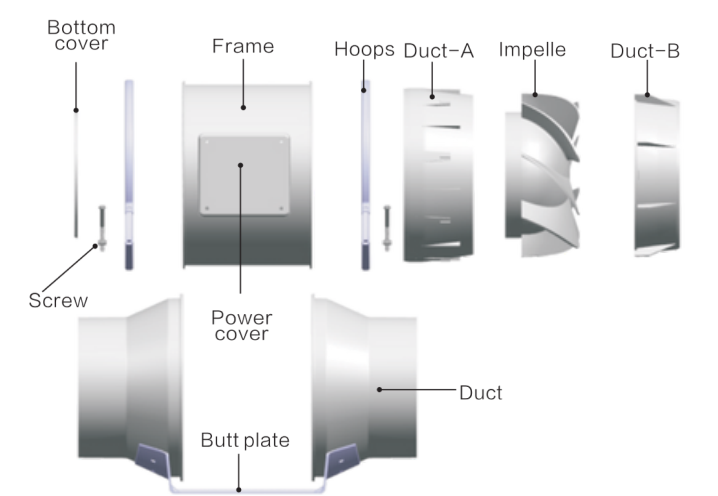
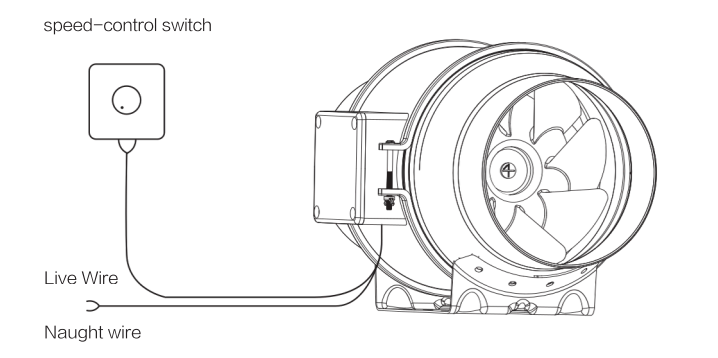


ACiQ®

Duct Fan  
Instructions



wiring instruction



Model	Input voltage	Power	Speed	Air volume
AIMF100-M/A	AC110~240V,50/60Hz	40W	2600RPM	205CFM
AIMF150-M/A	AC110~240V,50/60Hz	50W	2500RPM	350CFM
AIMF200-M/A	AC110~240V,50/60Hz	70W	2000RPM	553CFM
AIMF100-MS/AS	AC110~240V,50/60Hz	35W	2800RPM	212CFM
AIMF150-MS/AS	AC110~240V,50/60Hz	70W	2800RPM	402CFM
AIMF200-MH/AH	AC110~240V,50/60Hz	180W	3000RPM	830CFM

Disassembly graph

1

Open the regulator and the ring screw fixation screws

2

Remove the housing from the frame

3

Mounting bracket

Installation manual (commercial / domestic)

Thank you for choosing this product, which is designed and manufactured in accordance with EC standards and current technical / safety regulations. This manual focuses on the safety precautions in the installation, use and maintenance of the product. Therefore, be sure to read this manual carefully before installing and using the product, and hand it to the user after the product installation.

After opening the package, please carefully check whether the product is consistent with your order, whether the parameters on the nameplate can meet your requirements, and check the condition of the product. Any original defect or damage is within the scope of our quality assurance.

Handling and installation environment

- The package used in this product is suitable for normal transportation conditions. The package.
- Before installation, the equipment should be stored in a dry environment, in the original packaging, and protective measures should be taken to prevent dust invasion. If there is any discrepancy or obvious sign that the product has been used, you may reject the product.
- Please do not knock or drop the product, or store heavy objects in the packaged product.

Safety precautions for installers and users

- Installation must be carried out by qualified personnel.
- The installation must be in accordance with the specifications of the country.
- The equipment to be put into operation shall meet the following standards: 2014 / 35 / EU low voltage equipment installation specification 2014 / 30 / EU Electromagnetic Compatibility Specification
- The product is suitable for use in the application area specified on the name plate.
- The equipment is not suitable for explosion in the environment.
- If the fan is used for exhaust of boiler or other combustion equipment room, make sure that there is sufficient air supply in the room to ensure combustion.
- This product is not suitable for children or frail people, unless supervised by a responsible person to ensure that they can use this product safely.
- Do not let children play with this product.

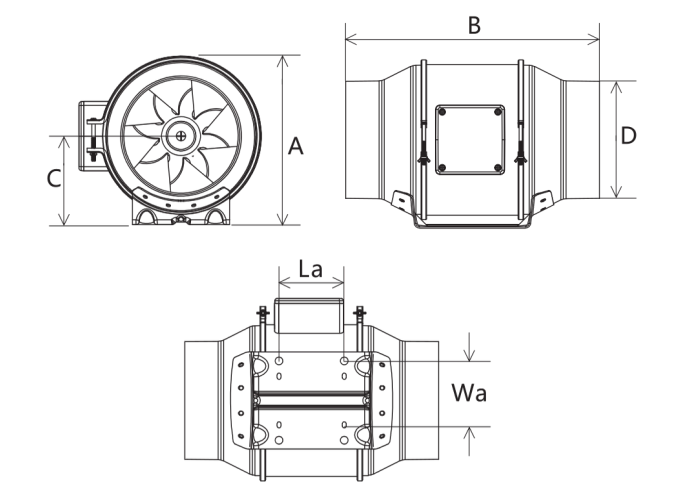
Installation safety precautions

- Make sure that there are no inhaled items around the fan.
- When installing the equipment, make sure that all accessories are in place and that the structure of the fan can ensure the load brought by the full load operation of the fan.
- Before using the equipment, make sure that the power supply is disconnected even if the device switch is turned off.
- Check whether the voltage and frequency of the main power supply are consistent with the data specified on the product name plate.
- The power supply device must be equipped with bipolar switch, and the distance between the contacts shall be at least 3mm. The size and specification shall be consistent with the relevant power regulations of the country.
- If grounding wire is required, please check whether your wiring is correct, and make sure that the overheat and overload protection wires are correctly connected and adjusted to the relevant range.
- If the fan is installed in a duct, the duct must be used only for this ventilation system.

Start

- Before starting the machine, please confirm that:
- The equipment is firm and the wiring is correct.
  - The safety guard has been installed correctly.
  - Any installation remains that can be inhaled by the fan have been removed, and the pipeline connected to the fan has been cleaned up.
  - The ground wire is properly connected.
  - The electrical safety device has been correctly connected and adjusted to the proper position.

Disassembly Size



Model	A	B	C	D	La	Wa
AIMF100-M/A / AIMF100-MS/AS	7.38	11.93	3.92	Ø 3.86	3.19	2.36
AIMF150-M/A / AIMF150-MS/AS	8.19	12.4	4.33	Ø 5.75	3.19	2.36
AIMF200-M/A / AIMF200-MH/AH	9.17	12.99	4.9	Ø 7.72	3.94	3.15