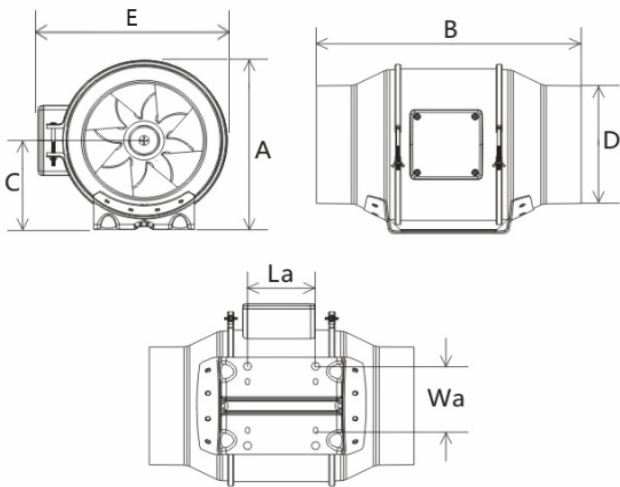


Start

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



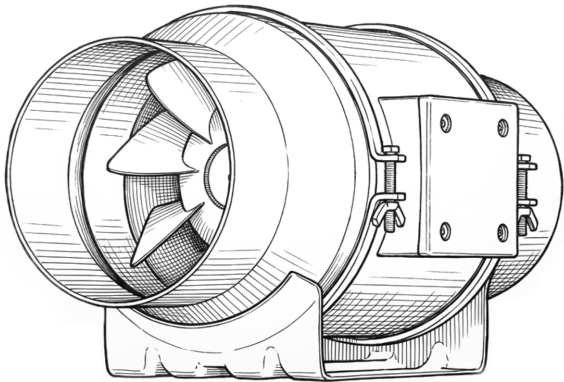
UNIT:mm

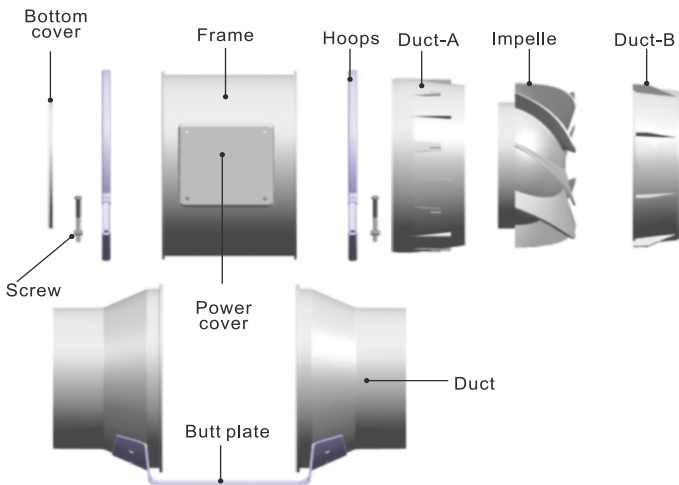
Model	A	B	C	D	E	La	Wa	Kg
FA150-M-I	13	314	116	145	235	70	78	1.9

Warranty Card
Seller shop address or website
Model
Warranty reacon
Date or purchase
Sell establishment seal

6"™ | OCR Vortex Guardian™
"Dominate the Airflow"

Quiet EC-Motor | Mixed-Flow | 352CFM





wiring instruction



Model	Input voltage	Power	Speed	Air volume
FA150-M-I	AC100-240V 50/60Hz	60W	3000RPM/min	405CFM

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 original packing box must be used during transportation to avoid deformation or damage.
- 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 .

- the appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction
 - children being supervised not to play with the appliance
 - that the fan is to be installed so that the blades are more than 2,3 m above the floor (for fans intended to be mounted at high level);
 - that precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances (for duct and partition fans).
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Exhaust fans may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation of an exhaust fan such as a partition fan or a duct fan the operation of flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.
- that the fan is to be installed so that the blades are more than 2,1 m above the floor; Replace the second dashed item in the second paragraph of the addition with the following variation.
 - that the fan is to be installed so that the blades are more than 2,1 m above the floor (for fans intended to be mounted at high level);

Before using the product, 1: pay attention to the input power voltage and frequency, 2: there should be no debris blocking the air inlet and outlet.

One installation method, there are four holes on the iron plate of the product, which can be fixed with ropes for installation. Or there are two installation methods. Remove the screws on the two iron rings of the product, take out the middle frame, and fix the four holes on the bottom plate with screws. Tighten the screws to secure the installation.

- dimensions of the space to be provided for the appliance;

Size requirements of FA100-M-I & FA100-M-S are 335*240*221 mm
FA100-P-I & FA100-P-S are 333*240*215 mm
FA150-M-I & FA150-M-S are 344*265*243 mm
FA150-P-I & FA150-P-S are 344*265*237 mm
FA200-M-I & FA200-M-S are 331*270*265mm

- dimensions and position of the means for supporting and fixing the appliance within this space;

Size requirements of FA100-M-I & FA100-M-S are 335*240*221 mm
Size requirements of FA100-P-I & FA100-P-S are 333*240*215 mm
Size requirements of FA150-M-I & FA150-M-S are 344*265*243 mm

Size requirements of FA150-P-I & FA150-P-S are 344*265*237 mm
Size requirements of FA200-M-I & FA200-M-S are 331*270*265mm

- minimum distances between the various parts of the appliance and the surrounding structure;

Size requirements of FA100-M-I & FA100-M-S are 335*240*221 mm
Size requirements of FA100-P-I & FA100-P-S are 333*240*215 mm
Size requirements of FA150-M-I & FA150-M-S are 344*265*243 mm
Size requirements of FA150-P-I & FA150-P-S are 344*265*237 mm
Size requirements of FA200-M-I & FA200-M-S are 331*270*265mm

- minimum dimensions of ventilating openings and their correct arrangement;

The ventilation opening size of FA100-M-I, FA100-M-S, FA100-P-I, FA100-P-S is 98MM. Installation and layout: horizontal placement, arbitrary oblique placement, vertical placement, etc.
The ventilation opening size for FA150-M-I, FA150-M-S, FA150-P-I, and FA150-P-S is 145mm. Installation and layout: horizontal placement, arbitrary oblique placement, vertical placement, etc.
The ventilation opening size of FA200-M-I and FA200-M-S is 198MM. Installation and layout: horizontal placement, arbitrary oblique placement, vertical placement, etc.