VEVOR

Upgrade · The Home Creator Way

SHUTTER EXHAUST FAN

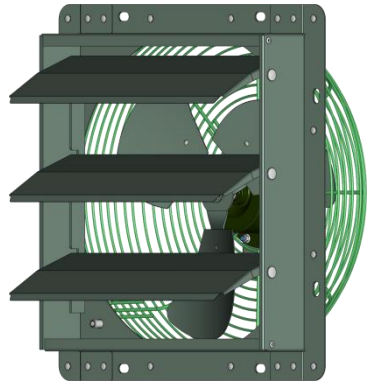
MODEL:HA-250M-110/HA-300M-110/HA-350M-110
HA-450M-110/HA-500M-110/HA-600M-110

VEVOR Support Center

1	HA-250M-110		2	HA-300M-110	
3	HA-350M-110		4	HA-450M-110	
5	HA-500M-110		6	HA-600M-110	

VEVOR | Upgrade The Home Creator Way

MODEL: HA-250M-110/HA-300M-110/HA-350M-110/HA-450M-110/HA-500M-110/HA-600M-110



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Warning-To reduce the risk of injury, user must read instructions manual carefully.

Thank you for choosing our products.

·Please read this User Manual carefully before installing, operating,and maintaining the product.
·To ensure safety,please make sure to read and follow the ATTENTIONS.
·Properly keep this manual for future reference.
【Applications】Public Toilet,Warehouse,Office,Factory,Shop,etc.

Product Overview

AMX-FAG Series Shutter Exhaust Fan is a new product that adopts advanced international technology.
Main parts: Adopted high-quality sheet metal materials.
Motor: High efficient design scheme.
Impeller: High-efficiency axial impeller,large air volume,and durable.
Feature: Nice outlook,compact structure,large air volume,and stable operation.
Function &Application: It is widely used for indoor ventilation in buildings like warehouses,factories, shopping malls, places of entertainment,and residential areas.
Notes: The air transferred shall not be flammable,explosive,or corrosive.The environmental temperature shall not exceed 40℃ .

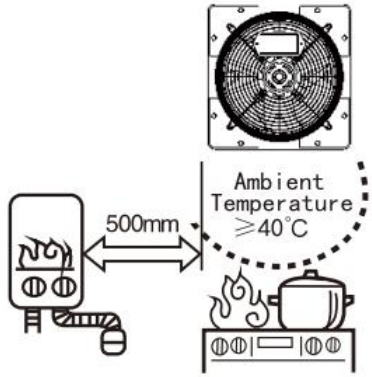
Attentions

 **WARNING:** Read all safety warnings,instructions, illustrations and specifications provided with this electric appliance. Failure to follow all

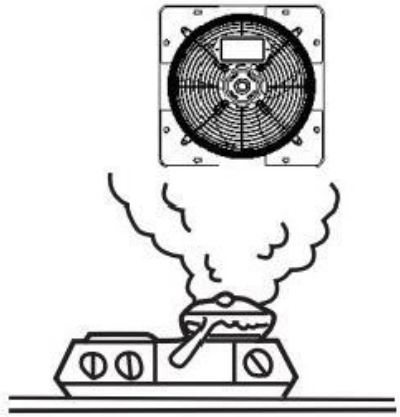
instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

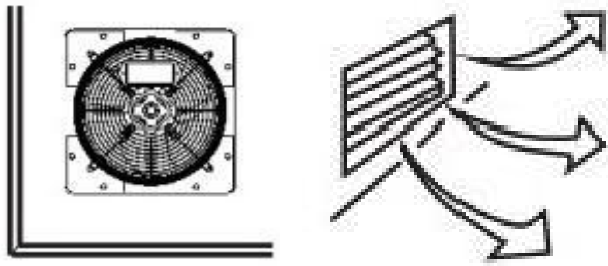
	High-temperature places are forbidden.



	It is forbidden to place over the cooking equipment or with overmuch lampblack.

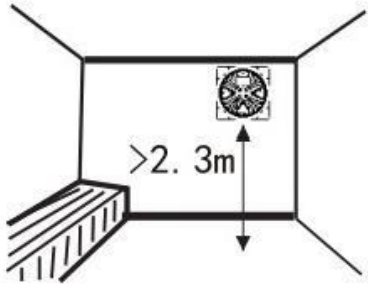


	Please set up vent.

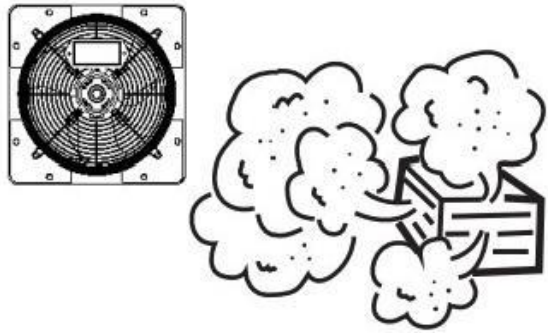


If the supply cord is damaged,it must be replaced by the manufacturer,its service agent,or similarly qualified persons in order to avoid a hazard.

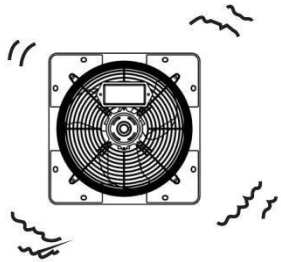
1	Installation height should be more than 2.3m.



	Do not install it at a place where is overmuch steam and easy to be sprayed with water.

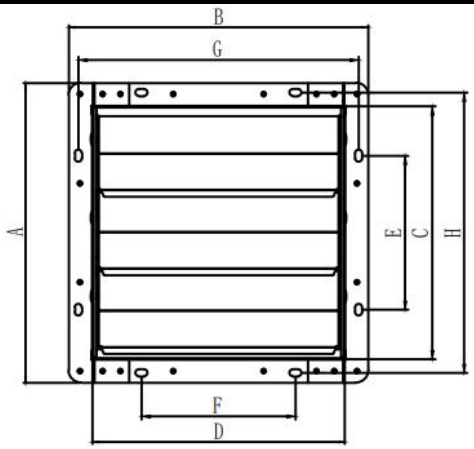


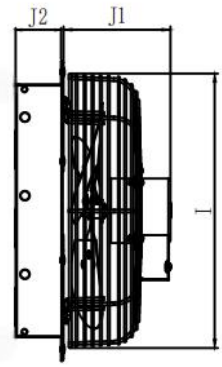
①	Must be installed firmly.



• Check whether all components are securely connected before installation.
This appliance can be used by children aged from 8 years and above and persons with reduced physical,sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
• Children shall not play with the appliance.Cleaning and user maintenance shall not be made by children without supervision.
• Move the blade by hand to check whether the blade runs well.
• Power on to run 5 minutes after installation,and check whether the fans are running smoothly and whether there is abnormal
noise or vibration.If the fan is abnormal,stop it and troubleshoot.
• There must be a grounding device,otherwise the appliance will cause an electric shock.
• When it is running,do not open or close the shutter forcibly in case of causing danger.
• In severe weather,such as strong winds or thunderstorms,turn off the power to avoid danger.

Overall and Installation Dimension





Unit:mm

Model(No.)	A	B	C	D	E	F	G	H	I	J1	J2
HA-250M-110	314	314	263	269	174	174	296	296	Φ275	116	50
HA-300M-110	370	370	312	312	190	190	346	346	Φ338	134	56
HA-350M-110	420	420	354	354	235	235	396	396	Φ383	132	49
HA-450M-110	540	540	462	462	286	286	510	510	Φ485	163	72
HA-500M-110	565	565	487	487	305	305	535	535	Φ520	161	76
HA-600M-110	720	720	622	622	426	426	680	680	Φ650	162	81

! Product specifications and relative information in this manual may be changed without prior notice.

Specifications

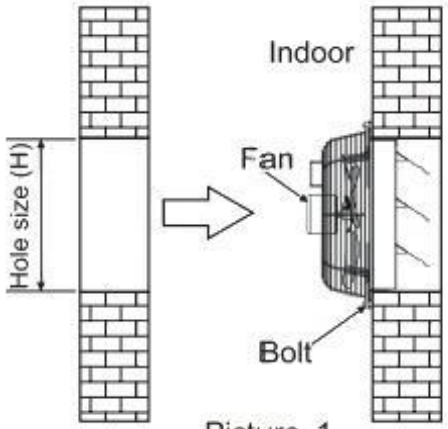
Model	Voltage Frequency	Power(W)	Dimensions(mm)
HA-250M-110	120V~ 60Hz	27.5	314*314*168
HA-300M-110		40	370*370*192
HA-350M-110		47	420*420*182
HA-450M-110		79	540*540*237
HA-500M-110		127	565*565*239
HA-600M-110		146	720*720*245

※Performance value is the average value of our test result.
※Applicable area calculation is based on essential ventilation of 5- 10 times /hour in a normal living room.

Installation Methods

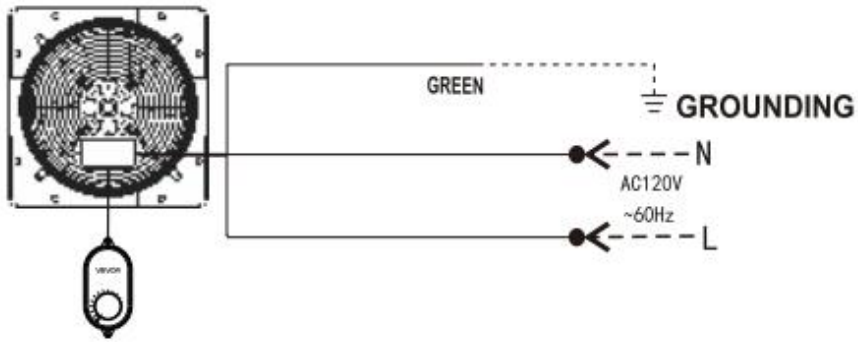
1.Firstly,make an installing hole in the wall. For the hole size, please refer to the attached list.
2.Fix the fan on the wall with the bolt.(Picture 1)
3.Refer to the electrical diagram,connect the fan to AC electricity of 120V/60Hz,then use the single-phase switch as the fan control switch to control the fan's start and stop. (Picture 2)

Model (No.)	Hole Size (W*H)
HA-250M-110	272*272
HA-300M-110	316*316
HA-350M-110	358*358
HA-450M-110	466*466
HA-500M-110	491*491
HA-600M-110	626*626

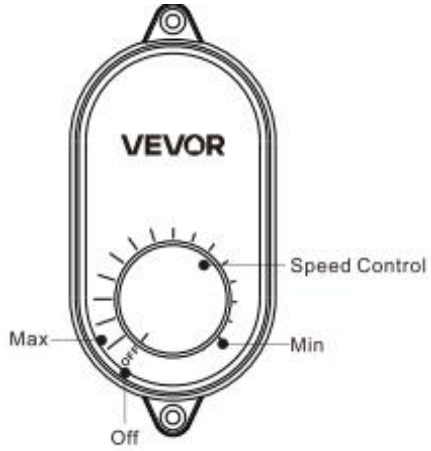


Picture 1

WIRING DIAGRAM



Speed Controller



Picture2

Common Malfunction Analysis and Maintenance

caution:

1.When the equipment causes malfunctions,please self-checking according to the below items one by one.If you still cannot find the issues,please get in touch with the dealer or let a professional repair the product.

2.Please don't self-repair the fan.Improper operation and maintenance will cause electric shock or fire.

Malfunction Description	Analysis	Elimination Methods
The fan	Power outage (self-checking)	Waiting for power source.

cannot be started or operated	The circuit protection device is tripping(self-checking).	Restart power.
	Check whether the voltage is too high or too low(measured by professionals).	Check by professionals.
	The fan blade is blocked by foreign objects (self-checking).	Power off and take out the foreign objects.High-altitude operations should be operated by professional personnel.
	Short circuit.	Check by professionals.
	Motor burn.	Check by professionals.
	Capacitor burn.	Check by professionals.
The fan causes large noise and vibration when it is running.	Not firmly installed (self-checking).	Reinstallation and fastening.
	The device itself is loose (self- checking).	Let the professional fix.
	The blade is covered with dust.Component defects cause the load changing(self-checking).	Let the professional fix.
	The device is blocked by foreign objects (self-checking)	Power off and take out the foreign objects.
	If the device speed increases, then check whether the voltage is too high.	Check by professionals.
	If the device speed turns low, then check whether the voltage is too low.	Check by professionals.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1）This product may cause harmful interference.

2）This product must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

• Reorient or relocate the receiving antenna.

• Increase the distance between the product and receiver.

• Connect the product to an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for assistance.

