

AIR CURTAIN

INSTALLATION & USER'S MANUAL



Maxwell

MAST Series



Thanks for purchasing this Air Curtain.
Please read these instructions carefully before use.

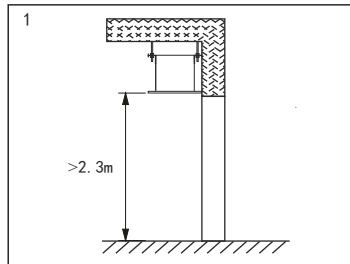
Introduction

Air curtain (air door): is one of the new top-class products for modern decoration, it's the equipment matched with the air conditioner. And it is installed above the entrances of supermarket, theater, meeting room, hotel, office room, working shop and storeroom to prevent the dust, mosquito and nocuous air, and so on.

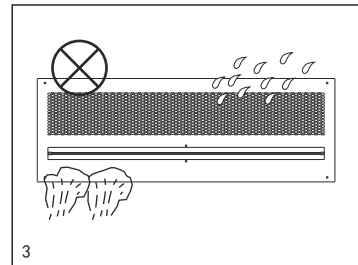
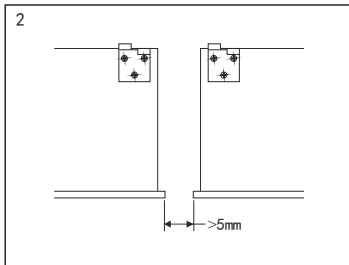
Air curtain can effectively isolate convection indoor and outdoor and keep temperature. Especially used in the location with air-conditioner to keep indoor environment and save energy of refrigeration equipment. In addition, Air Curtain can prevent the invasion of dust, pest and harmful fumes from outside. Maintain a comfortable environment inside.

User's guide

1. Please install the unit indoor above the entrance. The installation height should be no less than 2.3m from the ground.



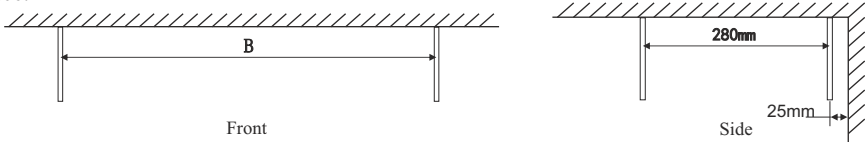
2. When install two or more units in parallel, should provide more about 5mm gaps between the units.
3. Don't install the unit in a place where it is splashed by waters or a long term humidity place; avoid contacting the explosive gas or corrosive gas.



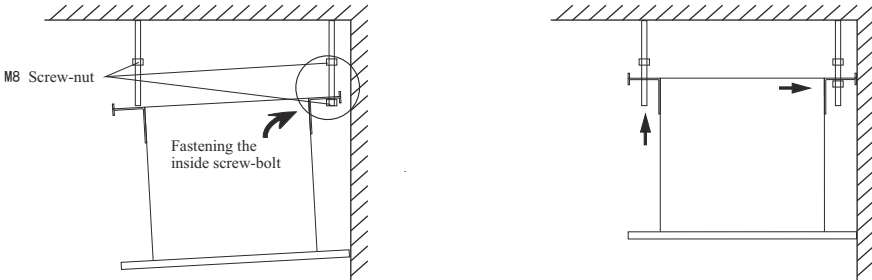
4. Disconnect power source before unit installation.
5. Please install the unit in a sturdy place to avoid the shaking and ensure its security (because it maybe causes the wall becoming flexible or shaking and noise.)
6. Use the unit at the rated voltage and frequency indicated on the nameplate.
7. Do not cover the air inlet and outlet when the unit is working.
8. Routing maintenance must be done every year.
9. Never use petrol, benzene, thinner or any other such chemical to clear the unit.
10. When power supply comes from socket, should be match the right plug. When the power cord is connected with power line directly, the contact distance should not less than 3mm in the charging line.

Installation

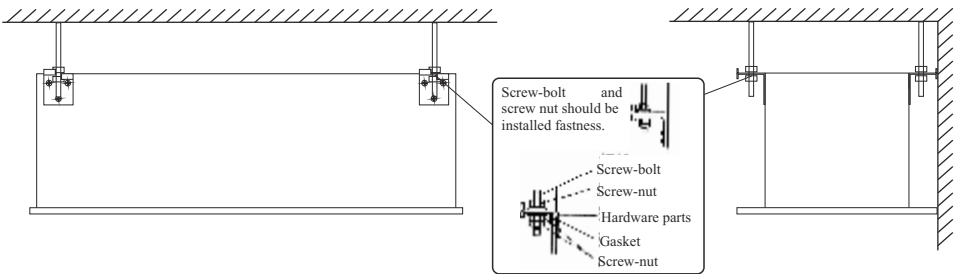
- Following the offered Installation dimensions, fix the M8 screw bolt in a steady installation place.



- Fastening the inboard hanging hole line in the inside screw-bolt, then fastening the outboard hanging hole in the outside screw-bolt.



- Adjust the place to ensure the four points are at the same plane, and then fasten the screw nuts.

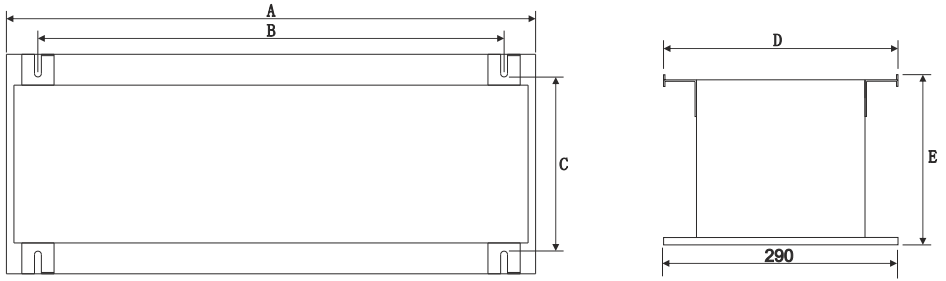


- If need to work in special conditions to prevent the use of vibration, the user should buy this quakeproof parts on their own. The intensity of these parts must be able to bear the weight of this product.

Technical Parameter

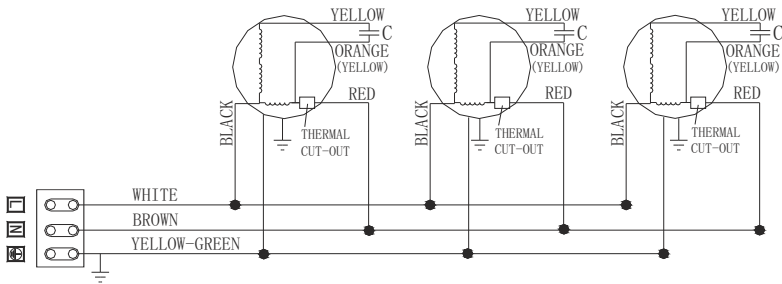
MODEL	Volt. (V ~)	Freq (Hz)	Motor Power (W)	Max.air speed (ft/s)	Air volume (cfm)	Noise(db)
MAST036-N1	110	60	410	65.6	823	57
MAST039-N1			450		912	58
MAST048-N1			500		1118	58
MAST060-N1			670		1353	61

Appearance & installation sizes



MODEL	A	B	C	D	E	N.W(LBS)
MAST036-N1	922	830	255	320	235	37.4
MAST039-N1	1022	930				41.8
MAST048-N1	1222	1130				48.4
MAST060-N1	1522	1430				59.4

Wiring Diagram

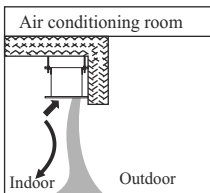


Operation instruction

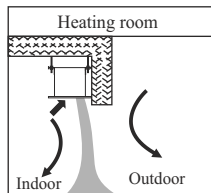
L : Live wire
N: Neutral wire



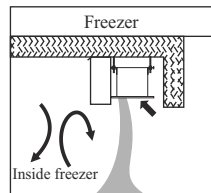
Adjust diverter of outlet to make better effect according different environment(as shown in the following pictures)



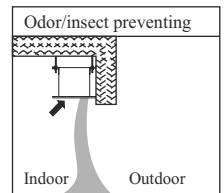
Air conditioning room:
adjust 0-15 angle to indoor



Heating room: adjust 0-15
angle to outdoor



Freezer: adjust 25 angle
or so.



Odor / insect preventing:
adjust 15 angle to outdoor
if for kitchen and mess hall.



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