



OWNER'S MANUAL

AIR CURTAIN

MODEL: FM-1209B-2 ITEM: EB290

MODEL: FM-1212B-2 ITEM: EB291



READ AND SAVE THESE INSTRUCTIONS

CAUTION:

- Read and follow all instructions before operating Air Curtain.
- Do not use appliance if any part are damaged or missing.

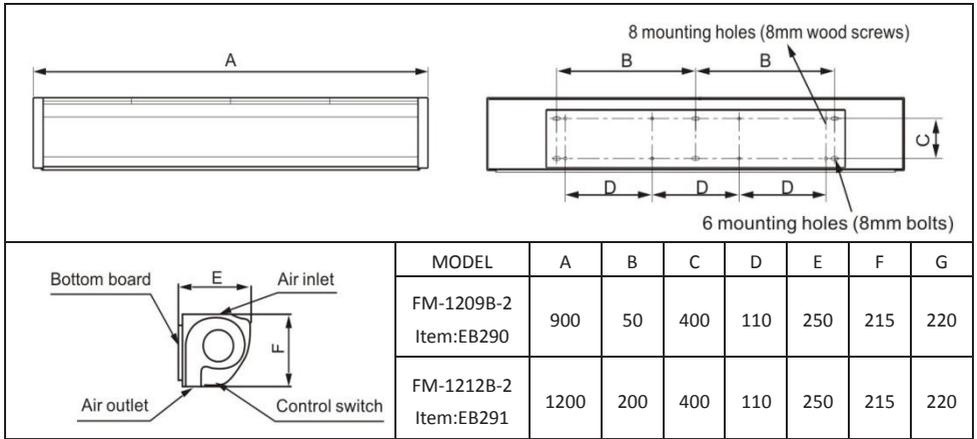
WARNING:

- To reduce the risk of fire or electrical shock, do not expose to water or rain.
- To reduce the risk of fire or electrical shock, do not use this appliance with any solid state speed control device.
- Do not use this appliance in windows. Rain and moisture may create electrical hazard.
- Unplug the appliance from outlet when not in use, when moving appliance from one location to another or before cleaning.
- To unplug or disconnect the appliance from the power supply before servicing.
- To reduce the risk of injury to persons, install the product at least 2.1m (7 feet) above the floor.
- Automatically operated device - To reduce the risk of injury, disconnect from power supply before servicing.
- If the power supply cord is damaged, contact your local service centre or a qualified electrician to install an appropriate replacement cord to prevent any injury or damage.
- The appliance does not apply to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas).
- This appliance is not intended for use 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 concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

The technology parameter (Rating: 120V~ 60Hz):

Model	LOW				HIGH			
	Amps	Watts	Outlet Wind speed	Noise	Amps	Watts	Outlet Wind speed	Noise
	A	W	m/s	dB(A)	A	W	m/s	dB(A)
EB290	2.1	255	16	56	2.85	345	20	59
EB291	2.65	320	16	56	3.5	425	20	59

Installation (unit: mm)



WARNING:

To reduce the risk of fire, electric shock, or injury to persons, observe the following.

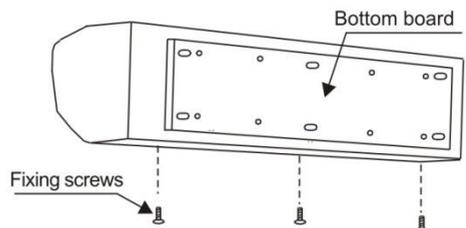
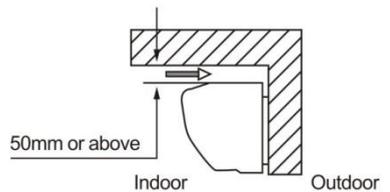
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

INSTALLATION METHOD

WARNING:

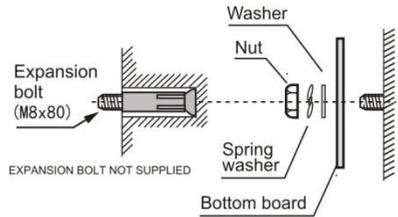
Installation & electrical connection must be performed by qualified technical.

- Check to ensure the voltage/frequency on rating label is complied with the local power source before use.
- Follow the right diagram for installation position.
- Coverage height: 99 inches (For horizontal air curtain installation).
- Installation on concrete wall:
 - Take down bottom board. (unscrew the fixing screws down the rear)

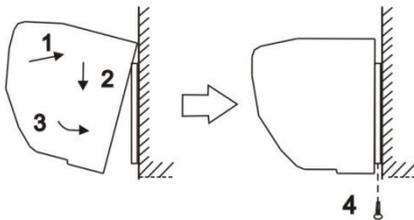


b. Install bottom board on the wall:

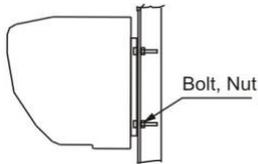
- Fix position of installation
- Attach the bottom board mounting to wall or the suitable building structure with expansion bolt. See the diagram on the right.
- Ensure bottom board is mounted securely. See following diagram.



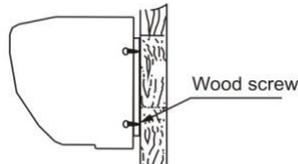
- c. Install the BODY (hang up the BODY onto the INSTALLATION PLATE, check to ensure it is proper and secure, and then tighten the fixing screws).**
See the following diagram:



5.) Other installation methods. See following diagram:



Installation on steel framework



Installation on wooden framework

NOTE:

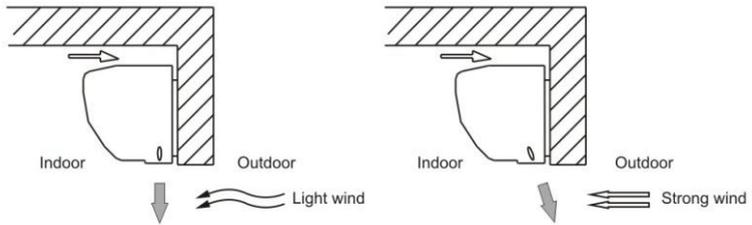
Use more than one unit of air curtain with appropriate length to fill up the width of the doorway.

IMPORTANT:

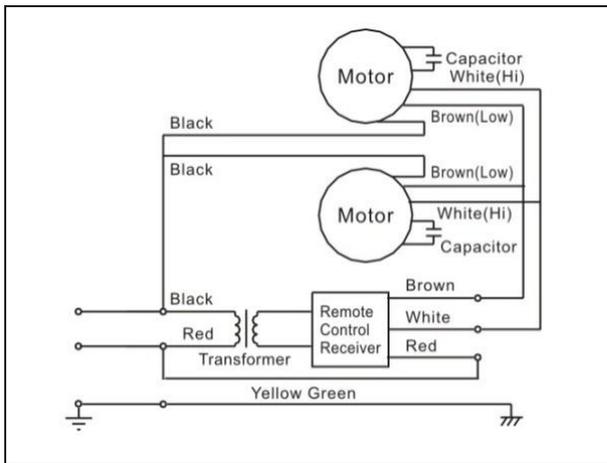
The recommended distance between 2 adjacent sets of air curtain is to be 1-2 inches.

Operation instructions:

- 1) Plug-in to an AC power outlet. (OFF lamp lit with a high tone beep)
- 2) Select a key stroke of LO or HI to set the speed at LOW or HIGH.
(or press a relevant function key stroke for the Remote Control device.)
- 3) Adjust AIR DEFLECTOR to preferred direction. See the following diagram:



Wiring diagram:



Cautions and Maintenance:

- 1) Install at location firmly enough for safety, check installation quality periodically.
- 2) Do NOT install Air Curtain at location with water-splash, or with permanent exposure to high temperature and places close to explosive and corrosive gases.
- 3) In case of damage or breakdown, should consult qualified technician.
- 4) Clean Air Curtain periodically.

Note: Do NOT clean unit with benzene or corrosive liquid.

WARNING:

Please unplug the power cord before cleaning.

Parts List:

Remote control : 1 Pc.

7# Battery: 2 Pcs