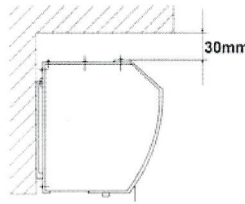


7. The distance between the unit and the ceiling must reserve at least 30mm.
8. The unit is installed horizontally.
9. Recommend installing the machine at the height of at least 2.3M above the ground.
10. A triple pole switch should precede the appliance with at least 3mm breaking gap.



**MAINTENANCE AND REPAIR:**

1. Unplug the unit from any power source prior checking or maintenance.
2. Keep electric motor or other parts away from moisture to avoid short circuit.
3. Regular checking and maintenance is recommended, clean all the dust off. Simply damp with mild detergent by a cloth for cleaning.
4. Detach the unit only by professionals.

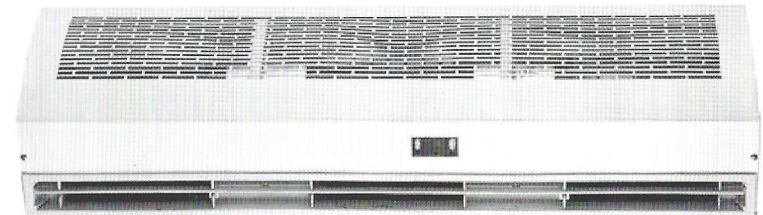
**SPECIFICATIONS:**

Model No.	Power (W)			Air Velocity (m/s)			Air Vol. (m <sup>3</sup> /h)	Noise (dB)			Weight (kg)
	HI	MED	LO	HI	MED	LO		HI	MED	LO	
FM3506	186	145	115	15	12.5	10	680	52	51	49	8.8
FM3509	322	238	186				1020	53	52	50	15.3
FM3510	322	238	186				1020	53	52	50	16.9
FM3512	419	285	218				1360	54	53	51	19.0
FM3515	536	381	291				1700	56	54	53	22.6
FM3518	628	420	314				2040	57	55	53	30.0
FM4506	285	265	230	20	17.5	15	950	63	60	57	8.8
FM4509	417	366	342				1425	64	62	61	15.3
FM4510	417	366	342				1425	64	62	61	16.9
FM4512	539	476	450				1900	65	63	62	19.0
FM4515	731	700	639				2375	68	65	62	22.6
FM4518	793	690	633				2850	68	65	62	31.5

**NOTE:** Rated voltage and frequency are stated as per rating label.

# Air Curtain

## Operating Instructions



Before using this unit, please read these instructions completely.

## PRODUCT OUTLINE:

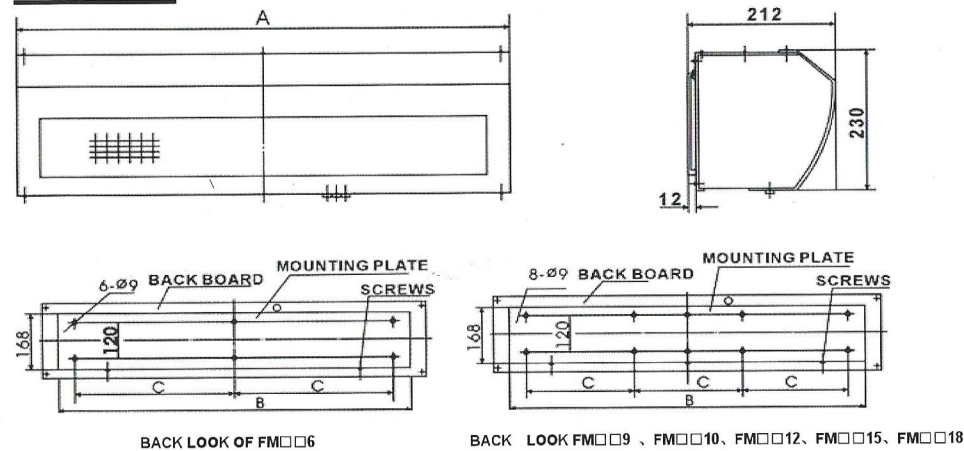
AIR CURTAINS are designed for installation in shops, office buildings, hotels and restaurants doorway. They discharge a curtain of air, which effectively shut out outside air. Use them to keep out insects, unpleasant smells, and dust from indoor where a large number of people pass in and out. These air curtains also prevent air escaping from an air-conditioned room.

## CONDITIONS OF USE:

Please DO NOT install the unit under following conditions:

1. Do not operate ambient temperature over 50°C or below -10°C.
2. A relative humidity over 95% at room temperature and steamy area.
3. Contains of oily smoke.
4. Materials or gases may cause explosion.
5. Nearly corrosive gases.
6. Locate in where may be sprinkle with water.

## DIAGRAM:



[ Dimension : mm ]

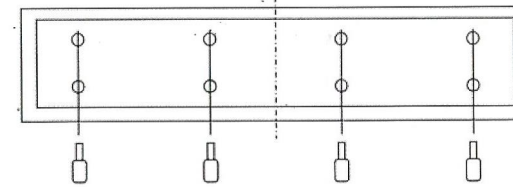
Model No.	A	B	C
FM□□06	600	550	225
FM□□09	900	850	250
FM□□10	1000	850	250
FM□□12	1200	1150	333
FM□□15	1500	1450	450
FM□□18	1800	1780	560

## INSTALLATION:

1. Unscrew the mounting plate and take it off. (Fig. 1, Fig.2)

2. Drill a hole as the instruction. Then put into the bolt and fix it with cement. (Fig.3)
3. Hanging on the mounting plate and ensure fix it. (Fig.4)
4. Installing the machine onto the mounting plate and ensure the safety, than fix it tighten with screws. (Fig.5)

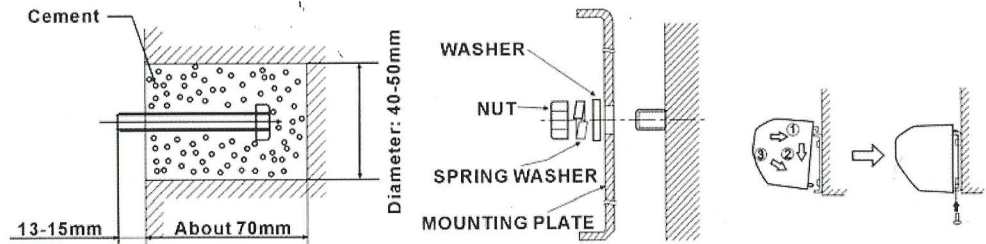
## CAUTIONS / INSTALLATIONS:



(Fig. 1)



(Fig. 2)



(Fig. 3)

(Fig. 4)

(Fig. 5)

During installing the unit, please pay special attention to the following points in order to obtain the ultimate efficiency.

1. Install on solid place to avoid vibrations when machine is running and also for safety reason unnecessary noise caused by vibration can be prevented.
2. AIR CURTAINS are used for indoor purpose.
3. Depending on the height to choose the most suitable model. If it fixed too high, the shut-off distance will be affected then the efficiency will be reduced.
4. The air is drawn in front of the unit and is blown out downwards.
5. Several units can be mounted next to each other when wide door opening occur. Under such condition, a narrow space in between 20-40mm may happened.
6. During installation, the mounting plate should not have a gap between the walls.