

Clean Air Services Pty Ltd

Factory 1 / 147 Greens Road Dandenong South Victoria 3175

Postal Address: P.O. Box 1107 Huntingdale Victoria 3166

Phone: +613 97948182

www.air-curtain.com.au info@air-curtain.com.au

Cross flow air curtain.

CORO AIR CURTAIN

INSTALLATION MANUAL



MODEL	Dimensions	Max air speed		Noise	Air volume	Air volume	Power	Net weight
	L x H x W	(m/s)		(dB)	(l/s)	(m ³ /h)	Watts	(Kg)
FM-3509Y	900x215x190	13	10	57	430	2250	150-120	13
FM-3512Y	1200x215x190	13	10	59	593	3000	220-170	16
FM-3515Y	1500x215x190	13	10	62	1000	3800	265-210	19
FM3518Y	1800x215x190	13	10	62	1200	4500	300-240	24
FM3520Y	2000x215x190	13	10	64	1350	4700	360-280	27

The air curtains are 2 speed remote control and very easy to install.

They come with a one metre lead and plug.

They have a metal back plate which goes above the door and then the air curtain is hung onto it.

The air curtains require a normal 10amp power point.

Clean Air Services Pty Ltd

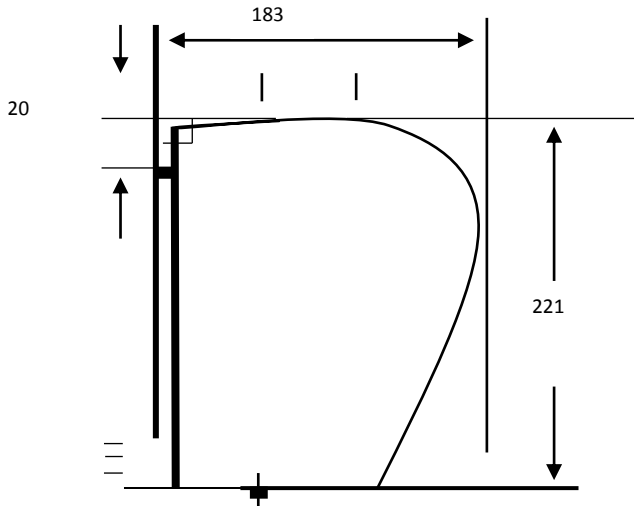
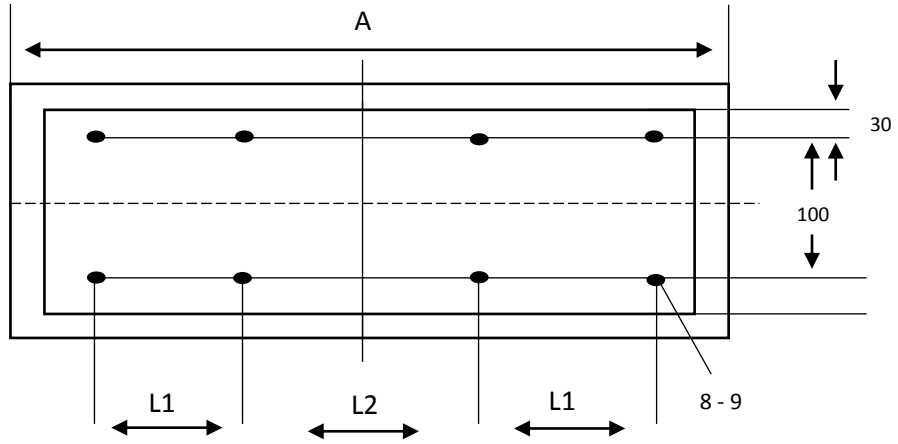
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[Dimension: mm]

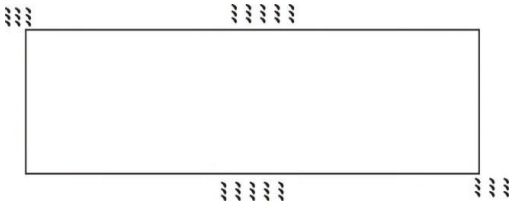


BODY LENGTH (mm)	A	L1	L2
900	900	260	220
1200	1200	260	220
1500	1500	260	220
1800	1800	260	220
2000	2000	260	220

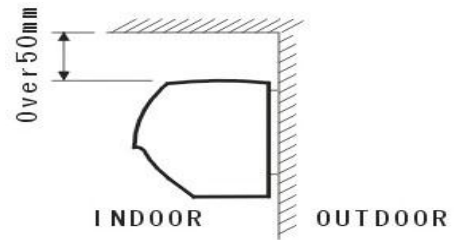
1. INSTALLATION CAUTION

Follow the instructions when installing an air curtain :

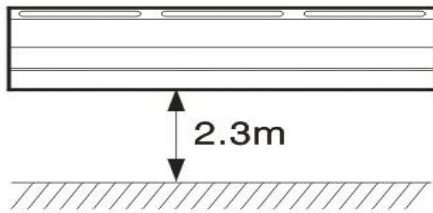
2.1 Please install the unit in a sturdy place to avoid shaking and ensure its secure.



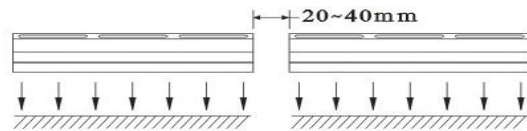
2.2 Please install the unit inside the room.



2.3 Don't install the unit too low.
No less than 2.3 meters from the ground.



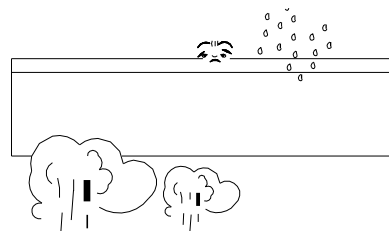
2.4 When the entrance is wider than the unit, it is recommended to install two or more units in parallel. In this case, provide 20-40mm gaps between the units.



2.5 Don't allow gaps between the unit and the wall. When hanging it from the ceiling, using the enclosed ceiling brackets.



2.6 Don't install the unit in a place where it is splashed by water, exposed to excessive steam, explosive gas or corrosive gas.

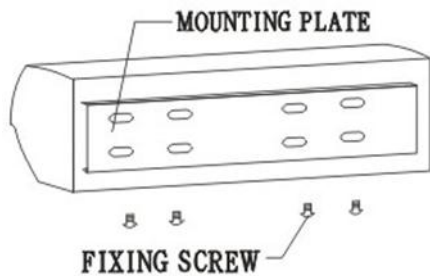


3. INSTALLATION

A. Installing onto a concrete wall

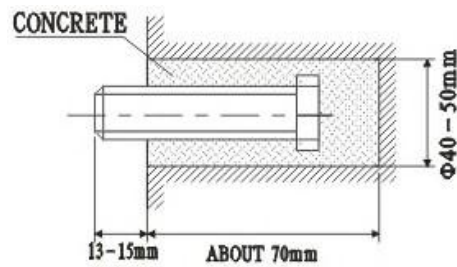
3.1.1 Removed the mounting plate

Unclamping the fixed screws on the back of main body to remove the mounting plate.

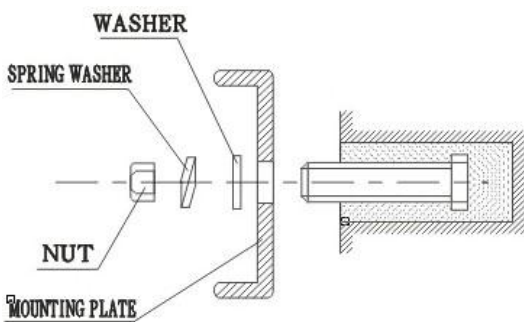


3.1.2 Fix the bolts in the proper position.

Decide the position with the mounting plate and pour cement into the bolt holes.)



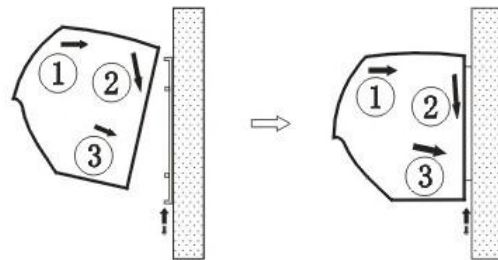
3.1.3 When the cement has set, fit the mounting plate (use the washer and nut according to the following)



3.1.4 Installing the main body

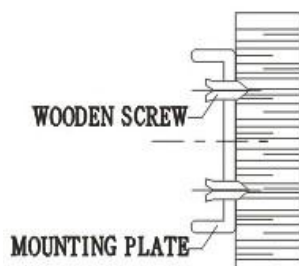
Set the main body onto the upper end of the mounting plate and clamp it as shown.

Secure the air curtain in place with screws on the underneath of the air curtain.

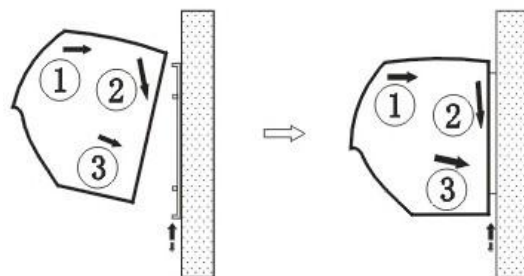


B. Installing onto a plaster wall

3.2.1 Fix the mounting plate in the proper position with tapping screws.

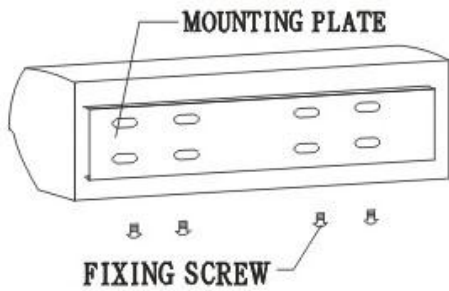


3.2.2 Same as the step 3 of A

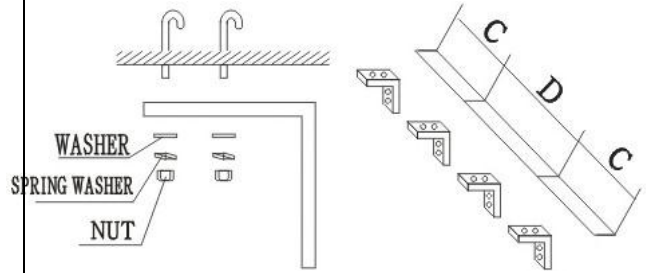


C. Hanging from the ceiling

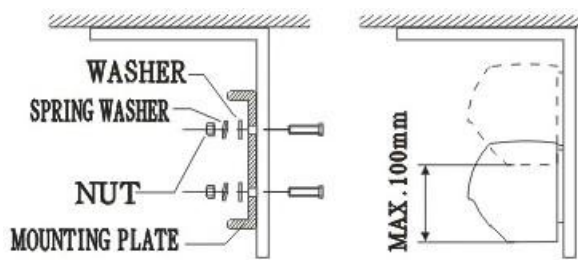
3.3.1 Remove the mounting plate from main body
(Same as step 3.1.1)



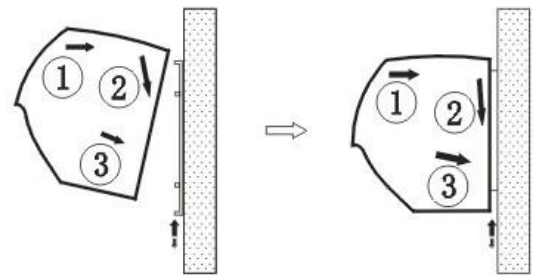
3.3.2 Fixing ceiling brackets as Fig.



3.3.3 Set the mounting plate on the ceiling brackets and ensure safe & fixing (use the bolts attached to the ceiling brackets as Fig. Using the ceiling brackets to hang from the ceiling, the position of mounting plate can be adjusted in the limit of 100mm.

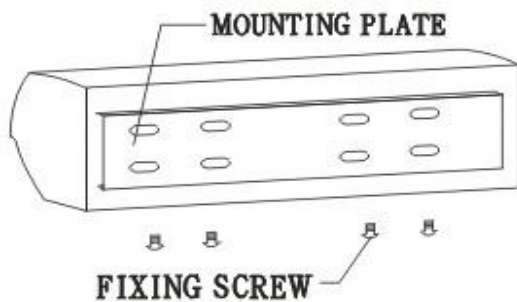


3.3.4 Do the same as step A to install the main body.

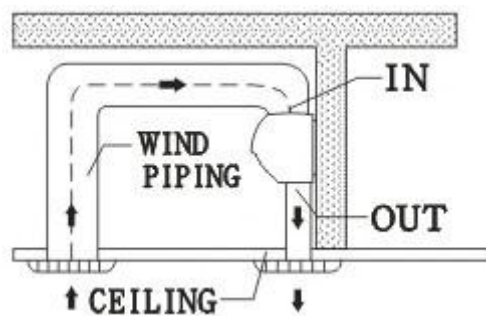


D. Above ceiling - recessed

3.4.1 Fix the air curtain as in the procedure for installing on the concrete wall.



3.4.2 Then pipe as below



6. OPERATION

6.1 Turn on
the power
switch

6.2 Select the best speed,
High [H] Low[L]

6.3 Adjust the wind direction with the louver to obtain the best air direction.

7. CAUTION

- a) Use the unit at the rated voltage and frequency indicated on the nameplate.
- b) Disconnect power source before unit operation.
- c) 1. Regular checking and maintenance is recommended, clean all the dust off with a damp cloth and mild detergent, if you have a blower, blow out the unit with air.
- d) Never use petrol, benzene, thinner or any other such chemical for clearing the unit.
- e) Don't allow water or any foreign material to enter the motor.

WARRANTY, ALL CURTAINS:

12 months parts only.

Distributed by:

CLEAN AIR SERVICES PTY. LTD.

1/147 GREENS ROAD DANDENONG SOUTH VICTORIA 3175

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