



LEVANTE

Clean Air Services Pty. Ltd.

Air Curtain Supplier

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**LEVANTE AIR CURTAIN
INSTALLATION MANUAL**

FM-3509-L/Y

FM-3510-L/Y

FM-3512-L/Y

FM-3515-L/Y

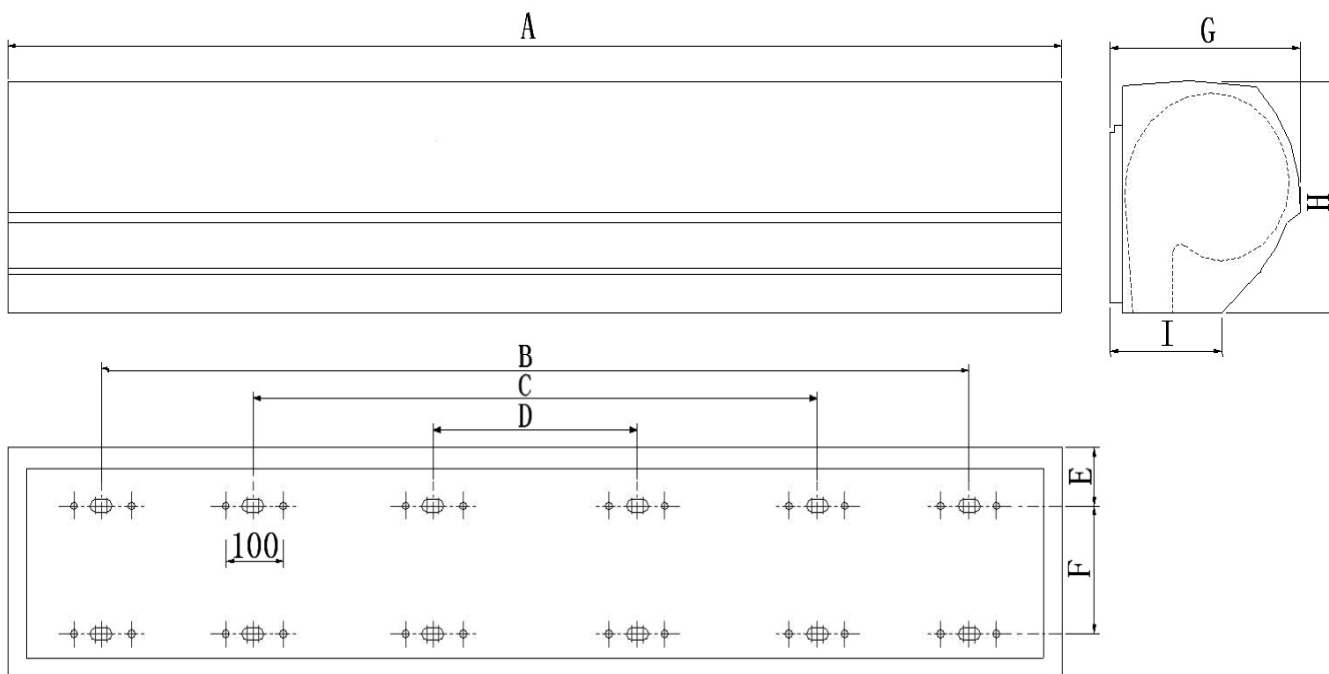
FM-3518-L/Y

FM-3520-L/Y



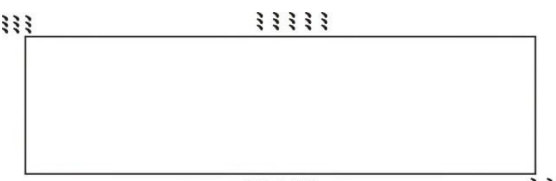
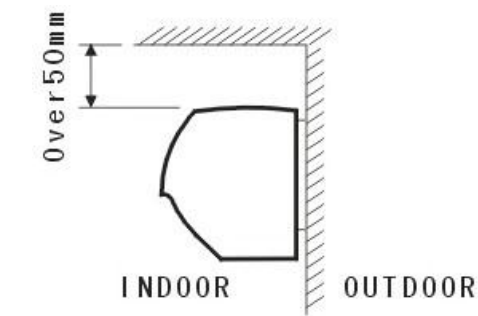
1. IDENTIFICATION & INSTALLATION DIMENSIONS

MODEL	A	B	C	D	E	F	G	H	I
FM-3509-L/Y	900	---	695	---	43	100	215	230	123
FM-3510-L/Y	1000	---	695	---					
FM-3512-L/Y	1200	---	990	295					
FM-3515-L/Y	1500	---	1285	504					
FM-3518-L/Y	1800	1580	885	210					
FM-3520-L/Y	2000	1580	885	210					

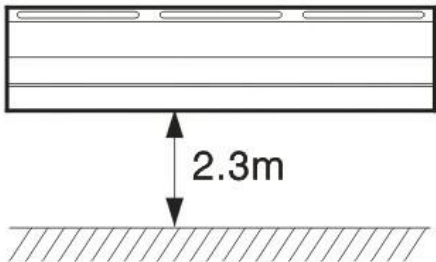
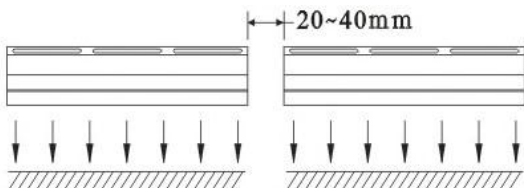
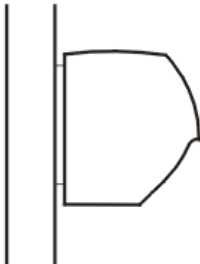
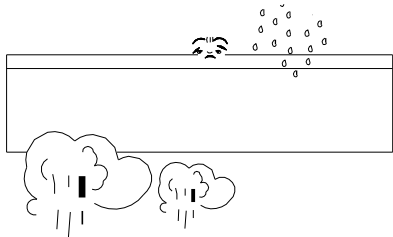


2. INSTALLATION CAUTION

Must follow the following asking when installing air curtain :

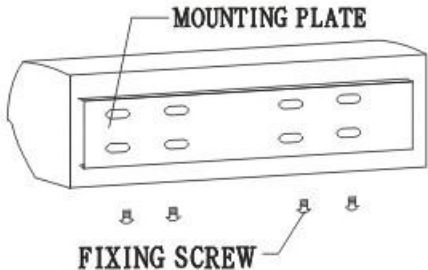
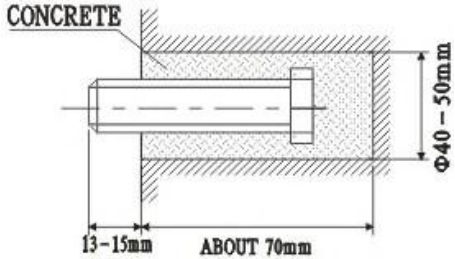
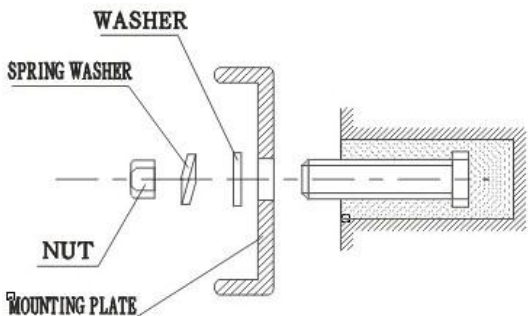
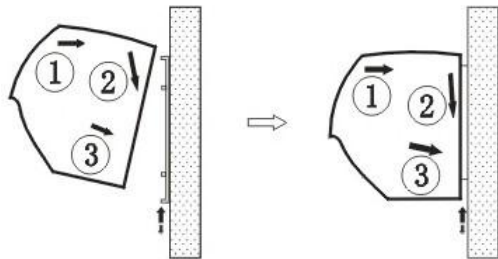
<p>2.1 Please install the unit in a sturdy place to avoid the shaking and ensure its security (because it may cause the wall becoming flexible or shaking and noise.</p> 	<p>2.2 Please install the unit inside the room.</p> 
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<p>2.3 Don't install the unit too low, no less than 2.3 meter from the ground.</p> 	<p>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.</p> 
<p>2.5 Don't allow gaps between the unit and the wall. When hanging it from the ceiling, using the enclosed ceiling brackets.</p> 	<p>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.</p> 

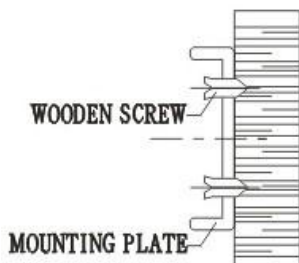
3、INSTALLATION

A、Installing on the concrete wall:

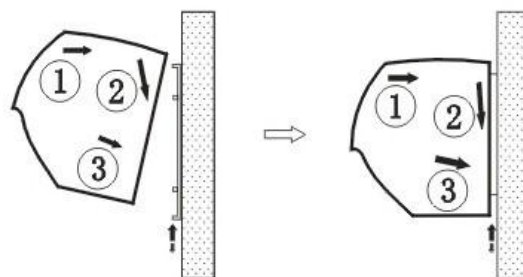
<p>3.1.1 Removed the mounting plate Unclamping the fixed screws on the back of main body to removed the mounting plate.</p> 	<p>3.1.2 Fix the bolts in the proper position (Decide the position with the mounting plate and pour cement into the bolt holes.)</p> 
<p>3.1.3 When the cement has freeze, fit the mounting plate (use the washer and nut according to the following)</p> 	<p>3.1.4 Install the main body Set the main body onto the upper end of the mounting plate and clamp it as shown.</p> 

B、Installing on the wooden wall

3.2.1 Fix the mounting plate in the proper positions with tapping screw.

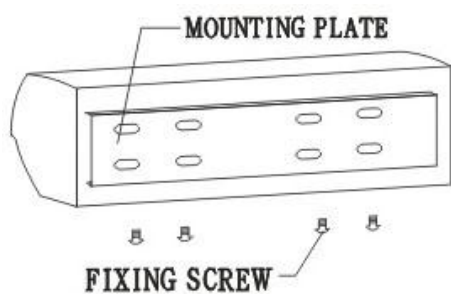


3.2.2 Same as the step 3 of A

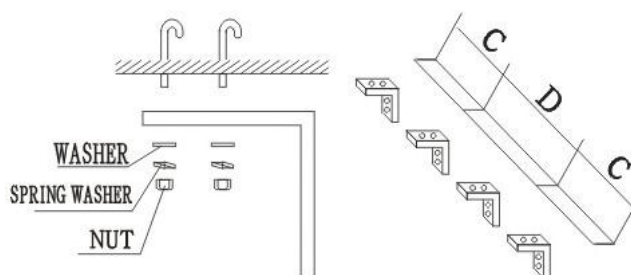


C、Hanging from the ceiling

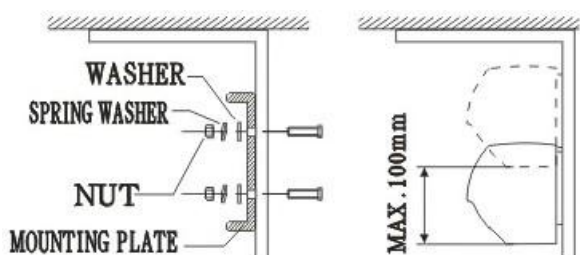
3.3.1 Remove the mounting plate from main body (Same as step 3.1.1)



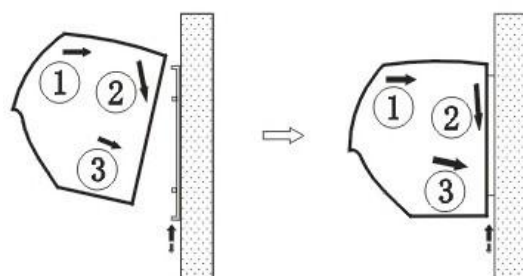
3.3.2 Fixing ceiling brackets as Fig.



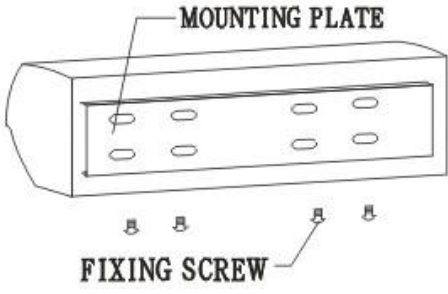
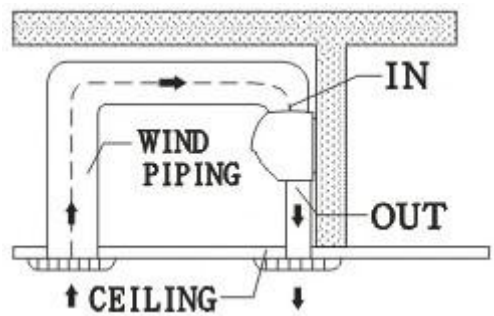
3.3.3 Set the mounting plate on the ceiling brackets and ensure safe & fixing (use the bolts attached to the ceiling brackets as Fig. Using the ceiling brackets to hang from the ceiling, the position of mounting plate can be adjusted in the limit of 100mm.



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



D、 For above ceiling

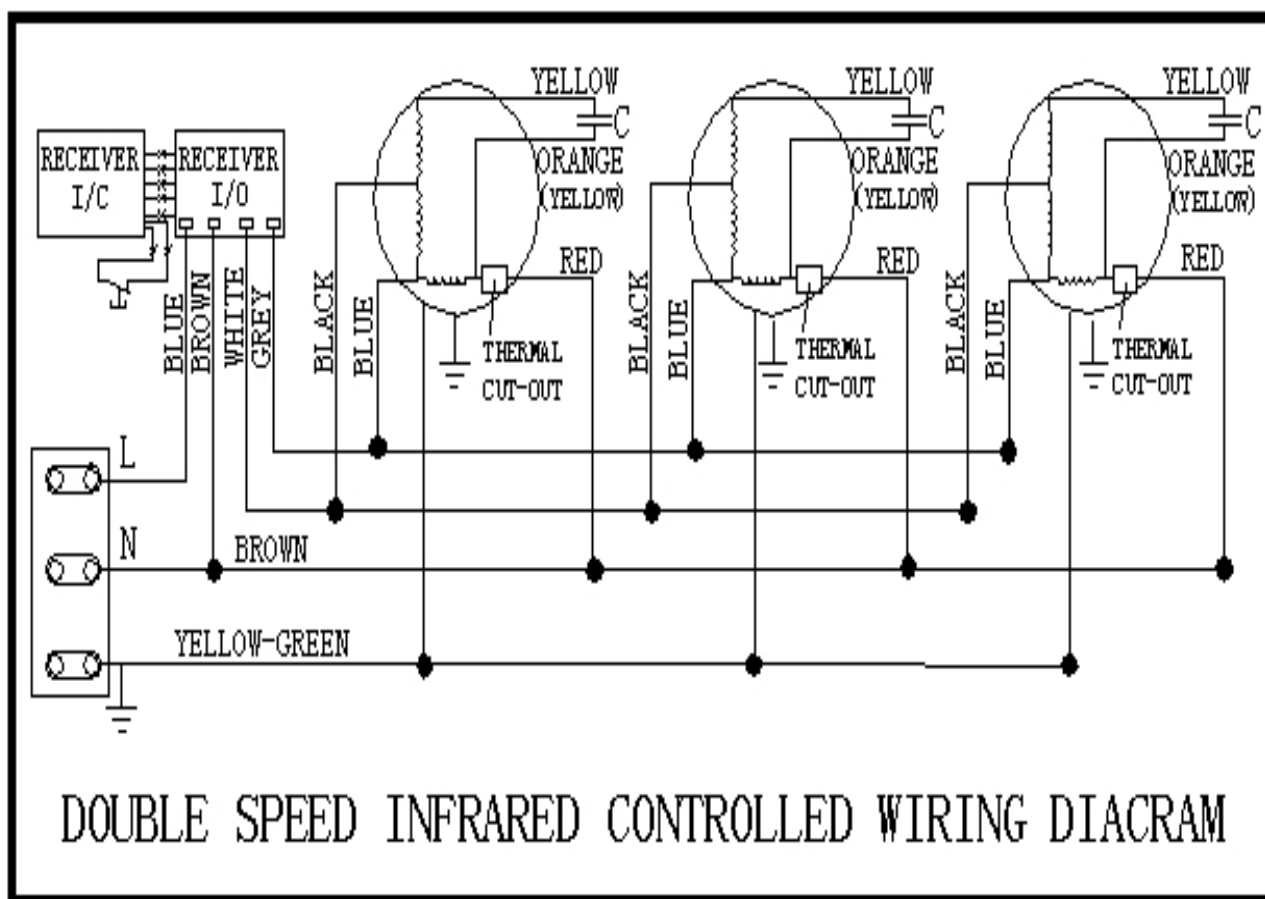
<p>3.4.1 Fix the air curtain as in the procedure for installing on the concrete wall.</p>  <p>The diagram shows a rectangular air curtain unit with a mounting plate on top. Four screws are shown below the unit, with lines pointing to the mounting plate, labeled 'FIXING SCREW'.</p>	<p>3.4.2 Then pipe as below Fig. Instructs.</p>  <p>The diagram illustrates the piping setup. A horizontal pipe labeled 'WIND PIPING' is connected to the top of the unit. On the right side, there are two ports labeled 'IN' and 'OUT'. On the left side, the unit is connected to a 'CEILING' structure. Arrows indicate the flow direction: from the ceiling into the unit, then through the wind piping to the right, and finally out through the 'OUT' port.</p>
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4、 TECHNICAL PARAMETER

Model	DIMENSIONS	Input power (W)		Single Phase	Air speed (m/s)		Air Volume Hi-low		Air pressure noise @ 1 metre	Weight
		High	low		240v	Low	High	m3/hr		
FM3509	900 X 230 X 215	230W	200W	240v	13	16	1100- 900	305	52-49	13
FM3512	1200 X 230 X 215	290W	260W	240v	13	16	1500-1200	416	53-50	16
FM3515	1500 X 230 X 215	380W	350W	240v	13	16	1900-1500	527	55-52	20
FM3518	1800 X 230 X 215	450W	420W	240v	13	16	2280-1800	633	57-55	24
FM3520	2000 x 230 x 215	470W	440W	240v	13	16	2520-2100	722	58-56	27

5、 ELECTRIC WORK





6、 OPERATION

6.1 Turn on the power switch

6.2 Select the best speed : High[H]、 Low[L]

6.3 According to the installation place to adjust the wind direction parts to obtain the best effect.

7、 CAUTIONS

a)、 Use the unit at the rated voltage and frequency indicated on the nameplate.

b)、 Disconnect power source before unit operation. c)、

Routing maintenance must be done every year.

d)、 Never use petrol, benzene, thinner or any other such chemical for clearing the unit. e)、

Don't allow water or anything enter the motor.

f)、 When power supply comes from socket, the plug must accord with IEC335-1. When the power cord is connected with charging line directly, all polarity switches that the contact gap is 3mm at least must be installed in the charging line.

WARRANTY, ALL CURTAINS:

12 months parts only.

Distributed by:

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