

1. Read Instruction Manual thoroughly before installing and operating the unit.
2. The unit shall not be operated by children or people with disabilities (physical, mental, sensory, etc.) without proper supervision.
3. The unit shall not be operated by people with no product knowledge and operation experience without proper supervision or guidance.
4. Make sure that the unit has been switched off and power supply is disconnected (unplugged) before cleaning or working on any parts of the unit.
5. Make sure that the working environment is free of dust or oil fume, or else more frequent maintenance and cleaning may be required.
6. If there is any damage to the power cord, repair or placement shall be carried out by the manufacturer, service representatives, or qualified personnels only.
7. To avoid operational hazards, make sure that the power supply and installation work are in accordance with the manufacturer's specifications before operating the unit.
8. In case of abnormal operation or malfunction, switch off the unit, unplug the power supply, and contact the seller.
9. Installation shall be done by qualified personnels only.
10. When installing on any structure or supports, make sure that they are capable of bearing a load of minimum 30 Kg.
11. In case of installation with wall anchors, make sure that the wall anchors are capable of bearing a load of minimum 30 Kg.
12. Keep out of reach of children.

### X-Per Technia (Thailand) Co., Ltd.

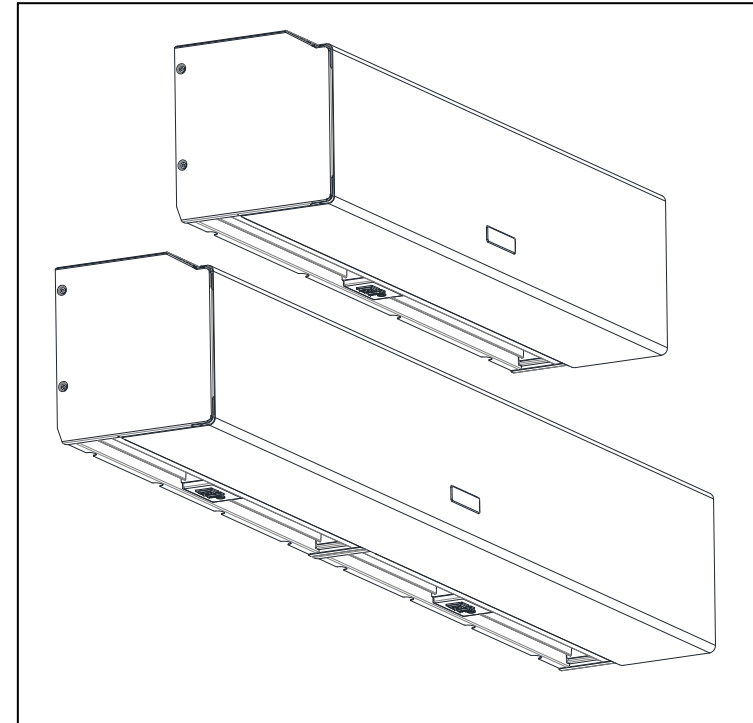
**Sales Office:**

29/33-35 Boromrachachonnani Rd.,  
Salathammasop, Taveewattana,  
Bangkok 10170. Thailand.  
Tel: +662 888 2995-8  
Fax: +662 888 2994

**Factory:**

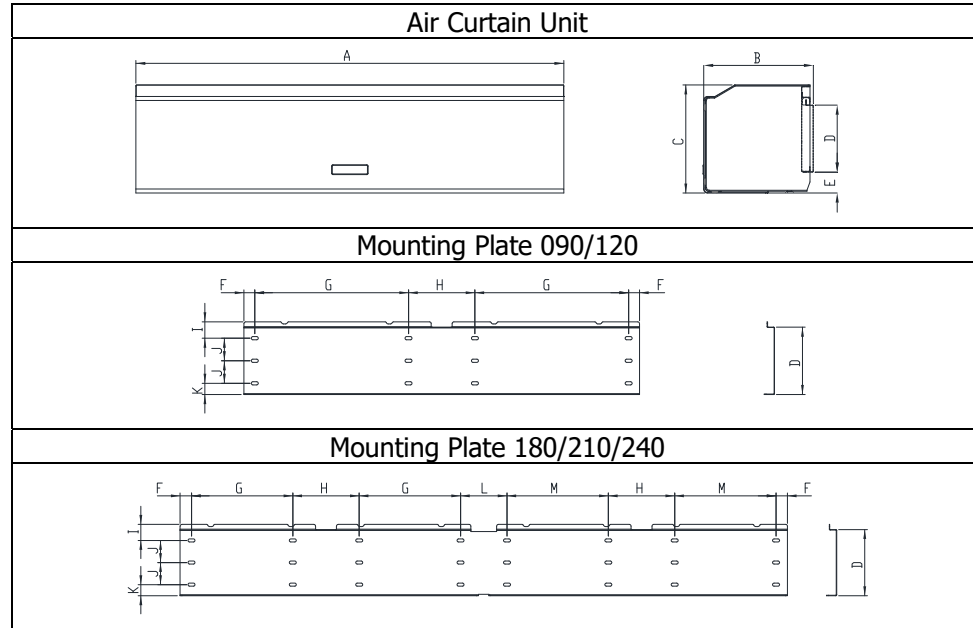
58/1 Moo 6, Klongmadua,  
Kratoombaen, Samutsakhon 74110.  
Tel: +66 34 878 373 (Auto)  
Fax: +66 34 878 372  
<https://www.xperasia.com>

# 6CK



# Instruction Manual

**X-PER TECHNIA (THAILAND) COMPANY LIMITED**

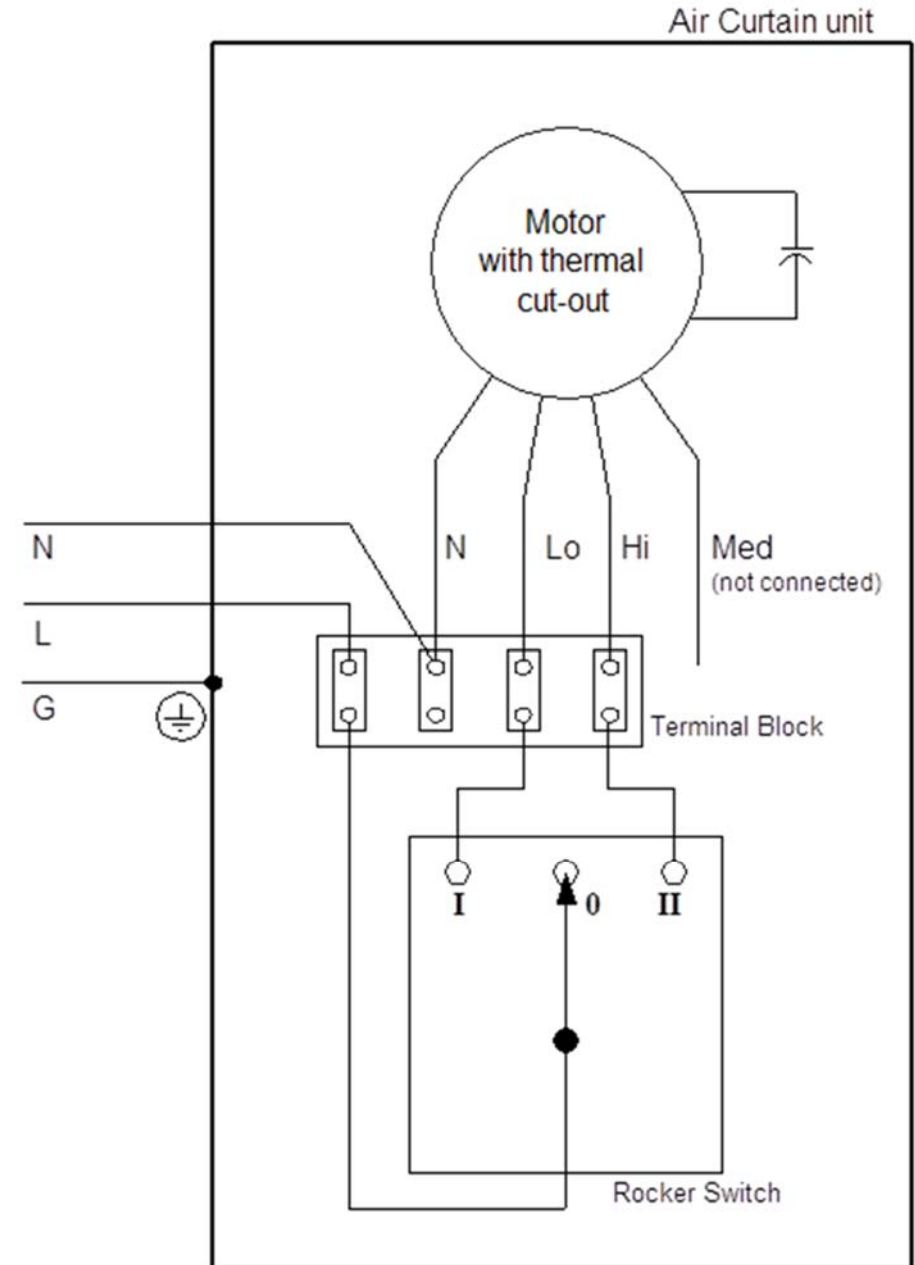


Model	A	B	C	D	E	F	G	H	I	J	K	L	M
6CK090	900	308	300	186	58	31	290	190	45	62	31	-	-
6CK120	1200	308	300	186	58	31	440	190	45	62	31	-	-
6CK180	1800	308	300	186	58	31	290	190	45	62	31	133	290
6CK210	2100	308	300	186	58	31	440	190	45	62	31	133	290
6CK240	2400	308	300	186	58	31	440	190	45	62	31	133	440

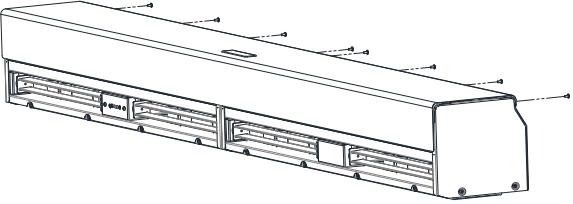
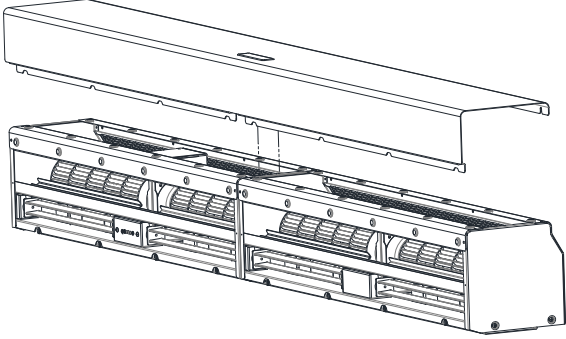
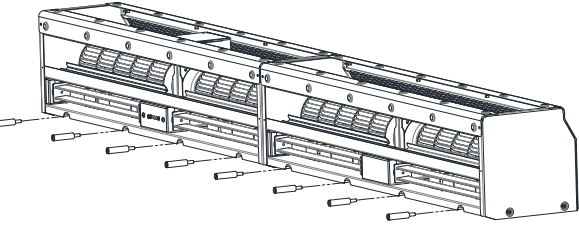
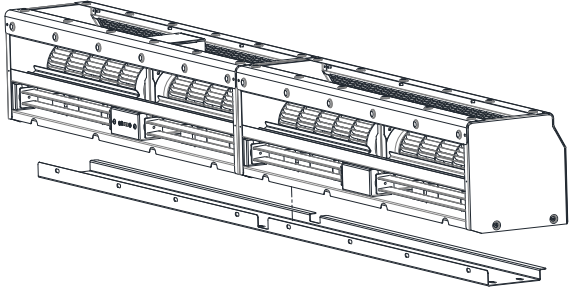
Model	Air Speed (m/s)	Air Volume (m <sup>3</sup> /h)	Electrical Requirement			Noise Level dBA	Power Watt	Weight Kg
			V	Hz	A			
6CK090	11	2054	220 - 240	50	1.2	254	21.0	
6CK120	11	2843			1.5	336	26.0	
6CK180	11	4108			2.4	508	42.0	
6CK210	11	4897			2.7	590	47.0	
6CK240	11	5686			3.0	672	52.0	

**Note:**

1. All measurements listed in the 'Dimension' table are measured in millimeter (mm).
2. All measurements listed in the 'Specification' table are averaged values.
3. Air-Flow Speed, Air-Flow Volume, Current Rating, and Power Rating are specifications when the air-curtain is operating in high setting.
4. Air-Flow Speed is measured at the exhaust outlet of the air-curtain.
5. Manufacturer reserves the right to change any product specification without prior notice.

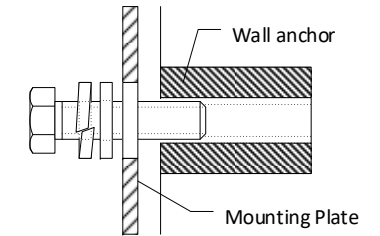


## Installation Plate Removal (for models 180/210/240 only)

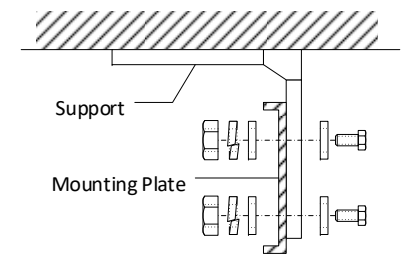
	<p>Before installing Air Curtains model 180/210/240, please unscrew the fasteners securing the one-piece Aluminum frame (as shown in the picture).</p>
	<p>Remove the Aluminum cover and store it safely to avoid damage.</p> <p>Unplug the electrical terminals connecting the 2 subunits.</p>
	<p>Unscrew the fasteners securing the Mounting Plate (as shown in the picture).</p>
	<p>Remove the Mounting Plate and proceed with the normal installation steps as shown in the Installation section.</p>

## Installation

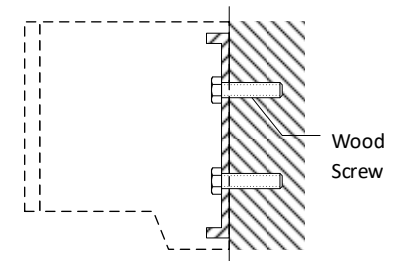
- For installation on concrete wall, first drill holes for embedding the wall anchors. Then, fasten the Mounting Plate of the Air Curtain to the wall with bolts and washers as shown.
- 1.



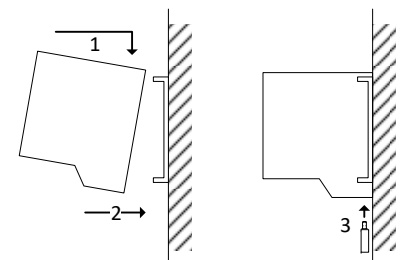
- For installation on steel supports, drill holes on the supports and fasten the Mounting Plate to the supports with bolts, washers, and nuts as shown.
- 2.



- When installing on wooden structure, use wood screws and washers as shown.
- 3.



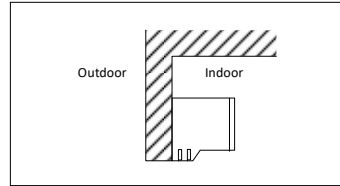
- After the Mounting Plate is securely fastened, install the Air Curtain unit by setting it onto the upper end of the Mounting Plate and fasten it from underneath using the screws provided
- 4.



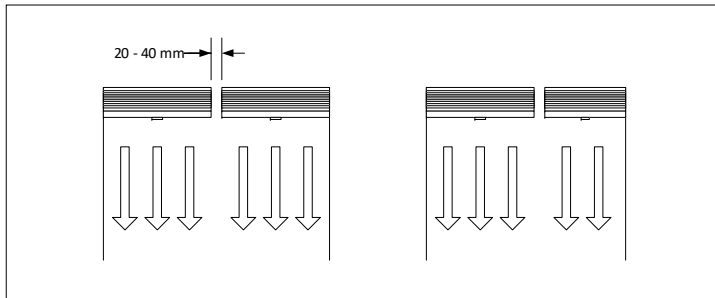
1. The performance of air-curtain can be affected by the height at which it is installed. The height limits for different usage purposes are summarized below

Applications	Blocking Hot/Cold Air	Blocking Insects
Recommended airflow velocity at 90cm above floor level	3 m/s	8 m/s

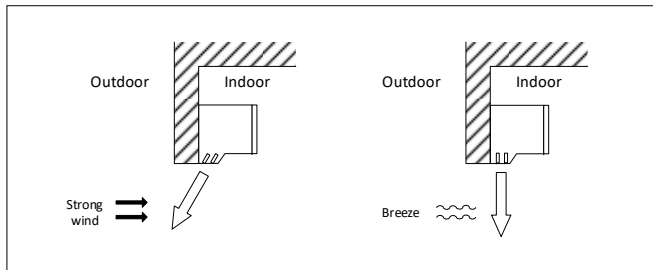
2. For effectiveness, the Air Curtains should be installed on the indoor side (with A/C or heating).



3. In case the entrance is larger than the Air Curtain, multiple units are recommended.



4. Adjust the air direction vanes according to the environment.



	<p style="text-align: center;"><b><u>Manual</u></b></p> <ul style="list-style-type: none"> <li>I - Low speed selector</li> <li>O - Turn off the unit</li> <li>II - High speed selector</li> </ul>
	<p style="text-align: center;"><b><u>Remote Control</u></b></p> <ul style="list-style-type: none"> <li>OFF - Turn off the unit</li> <li>1 - Low speed LED indicator</li> <li>2 - Med speed LED indicator</li> <li>3 - High speed LED indicator</li> <li>SPD - Speed adjustment button</li> </ul>
	<p style="text-align: center;"><b><u>Automatic</u></b></p> <ul style="list-style-type: none"> <li>Auto - Auto mode selector</li> <li>O - Turn off the unit</li> <li>Manual - Manual mode selector</li> <li>I - Low speed selector</li> <li>O - No speed selected</li> <li>II - High speed selector</li> <li>SYNC - Door sensor sync button</li> </ul>
	<p style="text-align: center;"><b><u>Automatic with Remote Control</u></b></p> <ul style="list-style-type: none"> <li>OFF - Turn off the unit</li> <li>1 - Low speed indicator (Manual)</li> <li>2 - High speed indicator (Manual)</li> <li>3 - Auto mode indicator</li> <li>SPD - Manual / Auto selector</li> <li>I - Low speed selector (Auto)</li> <li>O - No speed selected (Auto)</li> <li>II - High speed selector (Auto)</li> <li>SYNC - Door sensor sync button</li> </ul>