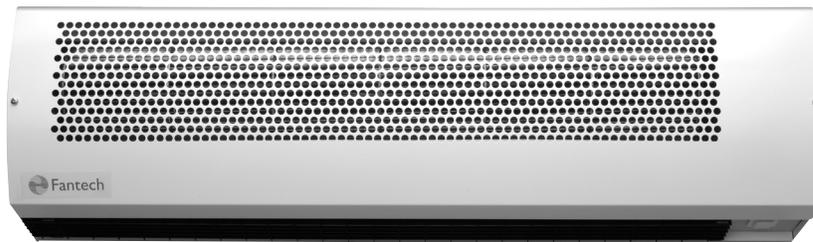


# Installation and Operation Manual

## AC 3600 & AC 4800

Air Curtains



**Technical / Customer Support:**

**United States** Tel.: 800.747.1762

**Canada** Tel.: 800.565.3548



**fantech**<sup>®</sup>  
a systemair company

Note	Warning / Important note	Information	Technical information	Practical tip



### Read and Save these instructions for future reference.

The Air Curtain is designed for horizontal, fixed installations. The low height of the appliance and front inlet also makes it possible to be mounted close to the ceiling. This saves space and enables the Air Curtain to be used in places where there is not much room between door and ceiling.

**NOTE:** Air pressure imbalance between rooms separated by an air curtain, crosswinds, or strong drafts may cause a considerable reduction of the efficiency of the Air Curtain. The ventilation of the premises should consequently be balanced

**CAUTION:** To reduce the risk of injury to persons, install fan at least 7 ft above the floor.

**CAUTION:** Before servicing or cleaning unit remove plug from receptacle.

**CAUTION:** For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

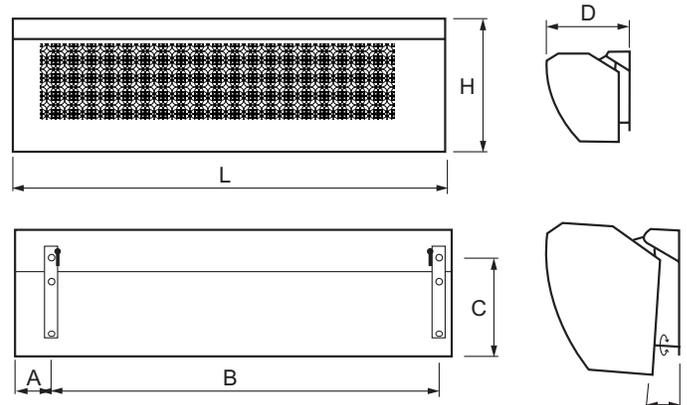
## Warnings

1. To reduce the risk of electric shock, do not expose to water or rain.
2. To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.

## Installation guidelines

1. Locate the door or opening in which you plan to mount your Air Curtain.
2. Locate the center of door or opening using the referenced dimensional on the following page. **Note:** Mounting brackets are not centered on unit.
3. Mount brackets to structure using the appropriate fasteners for the surface being mounted to.
4. Screw the bolt w/rubber stopper into the back bottom corner.
5. Lift unit to brackets and secure with hardware provided
6. Unit is provided with a 3-prong cord. **Note:** Make sure cord is secured to structure to prevent any sagging.

## Dimensions



Model	A	B	C	D	H	L
AC 3600	3 3/4	30 1/4	8 1/2	8 1/2	9 1/4	36
AC 4800	3 3/4	42 1/2	8 1/2	8 1/2	9 1/4	48

Dimensional information is in inches.

## Mounting unit to brackets on wall

Hardware to mount the unit to brackets is included into the kit. Hardware to mount the brackets to the wall or ceiling structure is not included into the kit. Please use appropriate fasteners for mounting of bracket to structure .

# Warranty

## Five (5) Year Warranty

**This warranty supersedes all prior warranties**

### **DURING ENTIRE WARRANTY PERIOD:**

Fantech will repair or replace any part which has a factory defect in workmanship or material. Product may need to be returned to the Fantech factory, together with a copy of the bill of sale and identified with RMA number.

### **FOR FACTORY RETURN YOU MUST:**

- Have a Return Materials Authorization (RMA) number. This may be obtained by calling Fantech either in the USA at 1.800.747.1762 or in CANADA at 1.800.565.3548. Please have bill of sale available.
- The RMA number must be clearly written on the outside of the carton, or the carton will be refused.
- All parts and/or product will be repaired/replaced and shipped back to buyer; no credit will be issued.

### **OR**

The Distributor may place an order for the warranty part and/or product and is invoiced. The Distributor will receive a credit equal to the invoice only after product is returned prepaid and verified to be defective.

FANTECH WARRANTY TERMS DO NOT PROVIDE FOR REPLACEMENT WITHOUT CHARGE PRIOR TO INSPECTION FOR A DEFECT. REPLACEMENTS ISSUED IN ADVANCE OF DEFECT INSPECTION ARE INVOICED, AND CREDIT IS PENDING INSPECTION OF RETURNED MATERIAL. DEFECTIVE MATERIAL RETURNED BY END USERS SHOULD NOT BE REPLACED BY THE DISTRIBUTOR WITHOUT CHARGE TO THE

## Limitation of Warranty and Liability

This warranty does not apply to any Fantech product or part which has failed as a result of faulty installation or abuse, incorrect electrical connections or alterations made by others, or use under abnormal operating conditions or misapplication of the product or parts. We will not approve for payment any repair not made by us or our authorized agent without prior written consent. The foregoing shall constitute our sole and exclusive warranty and our sole exclusive liability, and is in lieu of any other warranties, whether written, oral, implied or statutory. There are no warranties which extend beyond the description on the page hereof. In no event, whether as a result of breach of contract, or

## Warning

Fantech products are designed and manufactured to provide reliable performance, but they are not guaranteed to be 100% free from defects. Even reliable products will experience occasional failures and this possibility should be recognized by the user. If these products are

used in a life support ventilation system where failure could result in loss or injury, the user should provide adequate backup ventilation, supplementary natural ventilation, failure alarm system, or acknowledge willingness to accept the risk of such loss or injury.

END USER, AS CREDIT TO DISTRIBUTOR'S ACCOUNT WILL BE PENDING INSPECTION AND VERIFICATION OF ACTUAL DEFECT BY FANTECH.

### **THE FOLLOWING WARRANTIES DO NOT APPLY:**

- Damages from shipping, either concealed or visible. Claim must be filed with freight company.
- Damages resulting from improper wiring or installation.
- Damages or failure caused by acts of God, or resulting from improper consumer procedures, such as:
  1. Improper maintenance
  2. Misuse, abuse, abnormal use, or accident, and
  3. Incorrect electrical voltage or current.
- Removal or any alteration made on the Fantech label control number or date of manufacture.
- Any other warranty, expressed, implied or written, and to any consequential or incidental damages, loss or property, revenues, or profit, or costs of removal, installation or reinstallation, for any breach of warranty.

### **WARRANTY VALIDATION**

- The user must keep a copy of the bill of sale to verify purchase date.
- These warranties give you specific legal rights, and are subject to an applicable consumer protection legislation. You may have additional rights which vary from state to state.

warranty or alleged negligence, defect incorrect advice or other causes, shall Fantech be liable for special or consequential damages, including, but not limited to, loss of profits or revenue, loss of use of equipment or any other associated equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, or claims of customers of purchase for such damages. Fantech neither assumes or authorizes any person to assume for it any other liability in connection with the sale of product(s) or part(s). Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages so the above limitations and exclusions may not apply to you.

used in a life support ventilation system where failure could result in loss or injury, the user should provide adequate backup ventilation, supplementary natural ventilation, failure alarm system, or acknowledge willingness to accept the risk of such loss or injury.

Fantech reserves the right to make technical changes.  
For updated documentation please refer to [www.fantech.net](http://www.fantech.net)

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