

Inline Corrosive Resistant Fans

INSTALLATION, OPERATION, AND MAINTENANCE MANUAL

This publication contains the installation, operation and maintenance procedures for standard units of the

Inline Corrosive Resistant Fans

Carefully read this publication prior to installation.



Receiving and Inspection

Carefully inspect the fan and accessories for any damage or shortage upon receiving the fan.

- Turn the wheel by hand to ensure it turns freely and does not bind.
- Inspect dampers (if included) for free operation of all moving parts.
- Remove shipping tape.
- Record on the *Delivery Receipt* any visible sign of damage.

Storage

If the fan is stored for any length of time prior to installation, store it in its original shipping crate and protect it from dust, debris and weather.

WARNING

This unit has rotating parts. Safety precautions should be exercised at all times during installation, operation, and maintenance.

ALWAYS disconnect power prior to working on fan.

PERSONAL SAFETY

Disconnect switches are recommended. Place the disconnect switch near the fan so that the power can be swiftly cut off in case of an emergency, and so that maintenance personnel are provided complete control of the power.

Installation

Electrical Supply

The ICF comes prewired to high speed and a 3 prong power cord is supplied.

Check that the voltage and circuit details on the fan are suitable for your supply.

Caution: Never work on a fan unless power is turned off.

Wiring

All wiring should be carried out in compliance with regulations for electrical installations and comply with any local requirements.

Caution: Never work on a fan unless power is turned off.

Rotating

The direction of rotation, looking into the hub of the blower, is clockwise.

Mounting

The Inline Corrosive Fans (ICF) are directly mounted into the duct, fixed by clamps or duct tape. Due to the very low height, the ICF is ideal for use in false ceilings. Six foot three-prong power cord premounted to fan.

Motor Speeds

The ICF has capabilities of running on 3 speeds depending how it is wired (See wiring diagram). Fan comes prewired to high-speed.

Corrosion Resistance

The ICF is corrosion resistant. The motor is totally encapsulated in a polypropylene cover.

The ICF is not to be used in an explosive environment.

Applications:

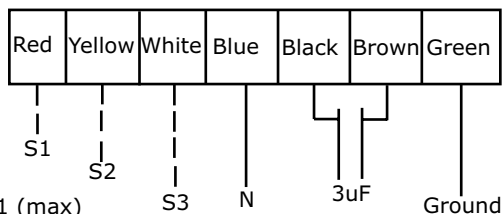
- Chlorine Applications
- Fume Cabinets

Wiring Diagrams

Dimensions

Models: ICF

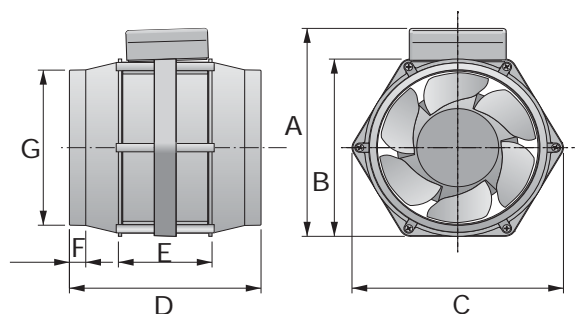
3 Speed Motor



L1=Speed 1 (max)

L2=Speed 2

L3=Speed 3 (min)



Model	A	B	C	D	E	F	G
ICF100	7.90	6.70	7.60	10.20	3.40	0.60	4.0
ICF150	7.90	6.70	7.60	6.90	3.40	0.60	6.0

All dimensions in inches

Troubleshooting

1. If fan fails to operate, please check the following:
 - a) Consult wiring diagrams included to assure proper connection.
 - b) To assure proper contact, check motor lead wiring, incoming supply wiring and capacitor connections.
 - c) If possible, use a meter to test for continuity between fan leads. Please note that capacitor will show no reading if tested with meter.
2. If fan still fails to operate, consult a FanAm distributor for return/replacement instructions.

Maintenance

1. Since fan bearings are sealed and have been provided with an internal lubricating material, no lubrication is necessary.
2. At least once a year, clean any particles accumulated in the fan.

Limitation of Warranty and Liability

This warranty does not apply to any FanAm 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 products or parts. We will not approve for payment any repairs not made by us or our authorized agent without prior written consent. The foregoing shall constitute our sole and exclusive warranty and our sole and exclusive liability, and is in lieu of all other warranties, whether written, oral, implied or statutory. There are no warranties which extend beyond the description on the page hereof. We do not warrant that said goods and articles are of merchantable quality nor that they are fit for a particular purpose. Our liability on any claim of any kind, including negligence, for any loss or damage arising from or connected with, or resulting from, the sale and purchase of the products and parts covered by this proposal, acknowledgement, order or from the performance or breach of any contract pertaining to such sale of purchase, or from the design, manufacture, sale, delivery, resale, installation, technical direction in installation, inspection, repair, operation or use of any product or part covered by the proposal, acknowledgement, order or furnished by FanAm shall, in no case, exceed the price allocable to the products or parts thereof which give rise to the claim and shall terminate at the end of the applicable warranty period of said product or part. In no event whether as a result of breach of contract, or warranty or alleged negligence, defect, incorrect advice or other causes, shall FanAm be liable for special or consequential damages, including but not limited to loss of profits or revenue, loss of use of equipment or any associated equipment, cost of capital, cost of substitute equipment, facilities or services, downtime cost, or claims of customers of purchases for such damages. FanAm neither assumes nor authorizes any person to assume for it any other liability in connection with the sale of its products or parts. Some jurisdiction do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you

LIMITED WARRANTY

FanAm warrants its products and parts to be free from defects in workmanship and service for period of one (1) year from the date of purchase. Products and parts not specifically designed for use in a corrosive or explosive environment shall have no warranty and the user assumes full liability for use in such environments. Our obligation under this warranty is limited to the repair or replacement as our option, without cost at our facility, of any part or parts thereof which shall, within the warranty period, be returned to us with transportation charges prepaid, and which our examination discloses as being defective. All requests for repair or replacement must be directed to FanAm for authorization prior to the return of any product or part. This warranty gives you specific legal rights and you may also have other rights in the jurisdiction in which you reside. (It is incumbent upon the claimant to provide substantiation of purchase of installation dates if such question should arise.)

DISCLAIMER

FanAm Inc. has made a diligent effort to illustrate and describe the products in this literature accurately however, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable, or fit for a particular purpose, or that the products will necessarily conform to the illustrations.