

products go to:
www.homeaire.com

For more HomeAire™



Inline Duct Fan Installation Instructions



INSTALLATION INSTRUCTIONS FOR HOMEAIRE™ INLINE DUCT FAN



READ AND SAVE THESE INSTRUCTIONS IMPORTANT SAFETY INSTRUCTIONS

WARNINGS – FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS. TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

USE THIS UNIT ONLY IN THE MANNER INTENDED BY THE MANUFACTURER. IF YOU HAVE ANY QUESTIONS, CONTACT THE MANUFACTURER.

This product comes pre-wired from the manufacturer with a 65-inch long 3-prong power cord. The pre-wired junction box is permanently attached to the fan at the point where the motor wires exit the metal duct pipe. Power to the fan must be supplied following all applicable building and electrical codes.

For hardwired installations, before servicing or cleaning unit, switch power off at service panel and lock service panel to prevent power from being switched on accidentally. When the service means of disconnection cannot be locked, securely fasten a prominent warning device, such as a tag to the service panel. For installations using the attached power cord, unplug from electrical outlet prior to servicing.

HomeAire™ does not provide electrical connection information.

For your safety and protection follow all instructions and adhere to applicable building and electrical codes.

Exposure to airflow temperatures exceeding 140°F (60°C) will permanently destroy the electric motor, voiding the warranty. Never expose your inline duct fan to temperatures over 140°F (60°C).

IMPORTANT WARNING

DUE TO THE POWER OF A BOOSTER FAN, ADEQUATE PROTECTIVE MEASURES MUST BE TAKEN TO AVOID CONTACT WITH THE IMPELLER BLADES. INLINE DUCT FANS ARE DESIGNED TO BOOST ONLY DRY (AMBIENT) HEATED OR COOLED AIRFLOW IN DUCTS OF FORCED AIR SYSTEMS WITH TEMPERATURES BETWEEN 40°F (4°C) AND 140°F (60°C). HOMEAIRE™ ACCEPTS NO RESPONSIBILITY FOR USE OF THIS PRODUCT IN OTHER APPLICATIONS.

**ELECTRICAL CONNECTIONS AND WIRING
WARNING – TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

Installation work and electrical wiring for alternative wiring methods (i.e., not plugged into existing 120V outlet) must be done by qualified persons in accordance with all applicable codes and standards, including fire-rated construction.



Fan Installation & Operating Instructions

Fan Series

IDF-4 | P/N 28531
IDF-6 | P/N 28532
IDF-8 | P/N 28533

Your inline duct fan must be connected to a 120 volt ac, 60Hz fuse or circuit breaker protected power source only in a manner approved by all applicable codes. Never connect your inline duct fan to a 240 volt ac blower motor or other 240 volt system. Note: HomeAire is not responsible for alternative wiring methods performed by the purchaser of this product.

The ground wire (green) must be terminated at the furnace or other suitable ground. The power source must be protected by a fuse or circuit breaker rated at a minimum of 15 amperes.

Operating range is 40°F (4°C) to 140°F (60°C). Exposure to temperatures outside this range voids the warranty.

GENERAL INSTALLATION NOTES

For maximum performance and minimum noise, the best location to install your inline duct fan is 6-10 feet from the register that feeds the boot.

To prevent air leaks use good quality duct tape to seal seams in ductwork after installing the inline duct fan. By utilizing tapered reducers you may install larger diameter duct fans in smaller diameter ducts.

Always leave your inline duct fan accessible for maintenance, cleaning or repair.

INSTALLATION INSTRUCTIONS

MODELS: IDF-4 / IDF-6 / IDF-8

1. Locate the place in the duct where you wish to install the inline duct fan. Align arrow label on unit in direction of airflow.
- 2a. **Flexible Duct**
Cut the flexible duct and slide the inline duct fan in place by slipping the cut flexible duct ends over the crimped ends on the inline duct fan, making sure the unit is well supported. Complete the installation by securing the inline duct fan to the flexible duct with aluminum foil duct tape or nylon cable ties.
- 2b. **Metal Duct**
Remove a section of the existing ductwork and slide the inline duct fan in place by slipping the duct ends over the crimped ends of the unit. Complete the installation by securing the inline duct fan to the metal duct with #6 sheet metal screws spaced evenly around the circumference on each end of the unit.
3. Finish the installation by covering the seams in the duct with aluminum foil duct tape.
4. Fan has been designed to allow for plugging into an existing 120V outlet or hardwired by an electrician.

CLEANING AND MAINTENANCE

HomeAire™ recommends that you clean your inline duct fan at regular intervals similar to what is recommended for the fan of your furnace, and no less than twice a year. Keep your inline duct fan free of lint, dust, and debris. The inline duct fan must never be exposed to temperatures over 140°F (60°C).

HomeAire™
3 Saber Way
Ward Hill, MA 01855
Tel: (978) 251-9664
Fax: (978) 251-3964

For service under this Warranty, contact HomeAire for a Return Authorization (RMA) Number and shipping information. No returns can be accepted without an RMA. If factory return is required, the customer assumes all shipping costs to and from factory.

HomeAire™ is not responsible for installation, removal or delivery costs associated with this Warranty.

LIMITATION OF WARRANTY
EXCEPT AS STATED ABOVE, THE IDF-4, IDF-6 OR IDF-8 FAN IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

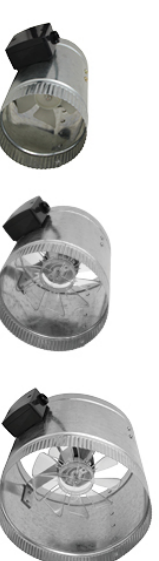
IN NO EVENT SHALL HOMEAIRE™ BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR RELATING TO, THE FAN OR THE PERFORMANCE THEREOF. HOMEAIRE'S AGGREGATE LIABILITY HEREUNDER SHALL NOT IN ANY EVENT EXCEED THE AMOUNT OF THE PURCHASE PRICE OF SAID PRODUCT. THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT, TO THE EXTENT THE SAME DOES NOT MEET WITH HOMEAIRE'S WARRANTY AS PROVIDED ABOVE.

This Warranty is contingent on installation of the Fan in accordance with the instructions provided. This Warranty does not apply where any repairs or alterations have been made or attempted by others, or if the unit has been abused or misused. Warranty does not cover damage in shipment/until shipment is due to the negligence of HomeAire™.

WARRANTY
Subject to any applicable consumer protection legislation, HomeAire™ warrants that the IDF-4, IDF-6, IDF-8 and IDF-8 inline duct fans (Fan, Fan, or Fans) will be free from defects in materials and workmanship for a period of one (1) year from the date of purchase (prior or purchase required).



ONE-YEAR LIMITED WARRANTY



FEATURES	FAN MODELS		
	IDF-4	IDF-6	IDF-8
Fan Blade Material	Plastic	Plastic	Plastic
Electrical Box	Yes	Yes	Yes
Housing	Galvanized Steel	Galvanized Steel	Galvanized Steel
Electrical Cord	Yes (3-Prong / 65" L)	Yes (3-Prong / 65" L)	Yes (3-Prong / 65" L)
Power	120V Single Phase	120V Single Phase	120V Single Phase
Maximum CFM	70	135	210
Operating Range	40°F(4°C) - 140°F(60°C)	40°F(4°C) - 140°F(60°C)	40°F(4°C) - 140°F(60°C)
Safety Certifications	ETL (US & CA) / CE	ETL (US & CA) / CE	ETL (US & CA) / CE
Motor Protection	Thermal	Thermal	Thermal
Sound (db)	<40	<40	<40

