

Operation, Installation and Maintenance Instructions

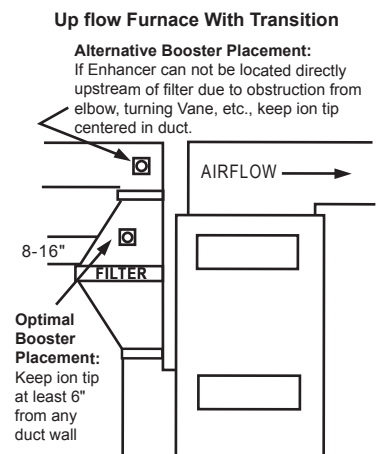
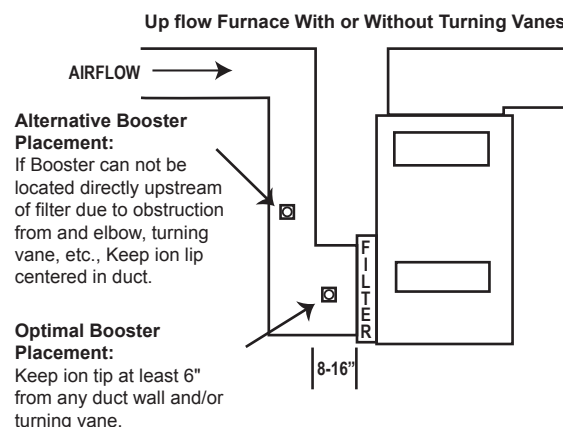
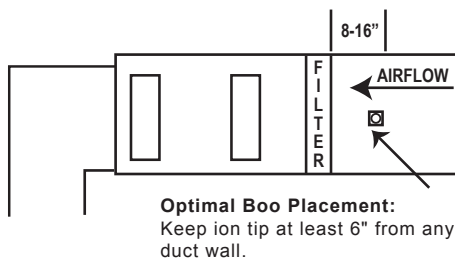
The **ECOairflow BOOSTER** will increase the filtration efficiency of any filter by charging the dust particles upstream within any duct or unducted air handling system. The charge field is relatively small, but highly effective in attracting very small particulate into a close-coupled air filter downstream. The **BOOSTER** operates on the molecular level, particularly in the 0.3 to 1.0 micron size range, by adding an average of 15% in filtration efficiency to either an electronic filter or a throwaway, passive filter. With under 2-watts of power consumption and negligible static pressure loss, the **BOOSTER** is a safe and highly effective way to boost any air filtration system.



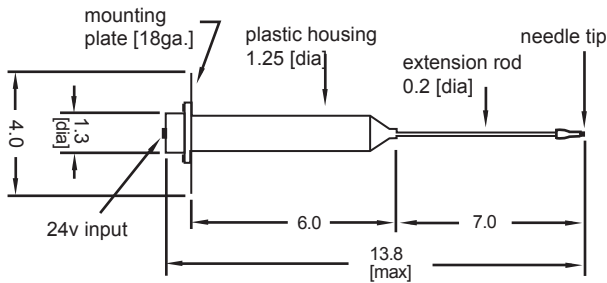
Installation and Operating Instructions:

- ◆ Drill a 1-3/8" inch diameter hole approximately 8 to 16 inches upstream from the HVAC filter(s); as shown in the figure below. For systems with elbow turns or transitions, reference the figures below for details on both optimal and alternative BOOSTER placements.
- ◆ Ensure the selected hole location maintains a minimum distance of 6 inches between the BOOSTER's tip and any metal surfaces in the system.
- ◆ The BOOSTER's tip should be installed as close to the center of the duct as possible, which may be assisted by using the 6-inch extension rod.
- ◆ Fasten the plastic needle tip securely to the threaded end on either the BOOSTER nose cone or the extension rod, if required.
- ◆ Align the mounting plate over the hole on the duct wall and mount the plate using the 4 sheet metal screws provided.
- ◆ Slide the BOOSTER through the mounting plate and duct wall, and securely twist the end cap to the plate.

Typical Installation Conditions

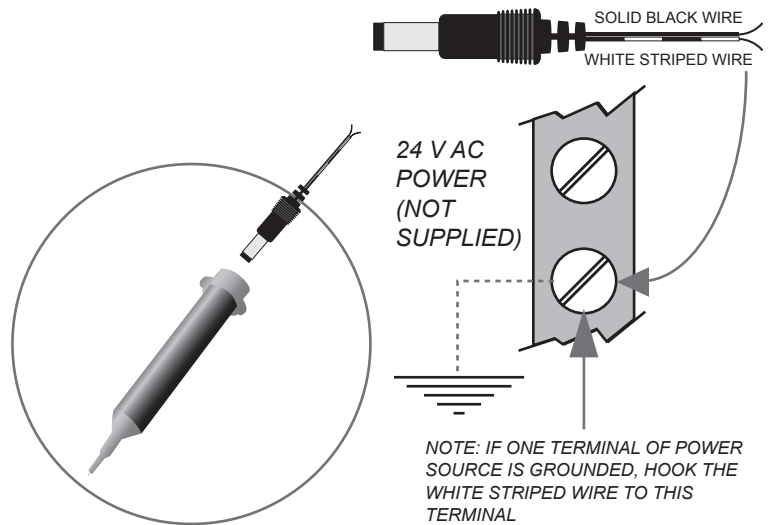


Component Diagram:



dim-inches
N.T.S.

Wiring Instructions:



Maintenance

- ◆ Approximately once a year, disconnect the power plug into the BOOSTER and remove it from the duct installation.
- ◆ Wipe it clean with a damp cloth and reinstall.
- ◆ Otherwise, the BOOSTER will operate continuously, with no other recommended maintenance, boosting the system's filtration performance for many years.

Troubleshooting

If the BOOSTER's light does not illuminate, the unit may have malfunctioned:

- ◆ Confirm that the 24-volt power source is operational.
- ◆ If power source is functional, please contact your local Ecoairflow dealer.

Standards

Conforms to:
**CSA Standard
C22.2 no. 187**

Conforms to:
UL Standard 867

ECOairflow

Series 6000 Residential Booster

2 YEAR WARRANTY

ECOairflow warrants the Series 6000 RESIDENTIAL BOOSTER for a period of two (2) years from the date of purchase to the original purchaser.

ECOairflow will repair, free of cost to the customer, any part of the product which, after examination, is found to be defective in workmanship of material.

Shipping charges to and from **ECOairflow** and/or its authorized agent shall be the responsibility of the customer.

This warranty does not apply to mechanical or structural damage such as may be due to, but not limited to, dropping, improper handling, misuse or abuse during installation and usage.

No person or representative or firm is authorized to commit **ECOairflow** to further liability or obligation.

CUSTOMER SERVICE

If you require assistance with your product, you can call the Contractor that installed your booster or contact **ECOairflow** directly.

WARRANTY CLAIMS

Your product is covered by a two-year limited warranty. Please read the warranty conditions.

If you have a warranty claim, please contact **ECOairflow** Customer Service to obtain an RMA (Return Merchandise Authorization) number.

ECOairflow

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Email: customerservice@ecoairflow.com
Web Site: www.ecoairflow.com

WARRANTY REGISTRATION

Register your warranty on-line www.ecoairflow.com under WARRANTY or complete mail or fax the following form to **ECOairflow**.

PRODUCT: **Series 6000 Residential Booster**

NAME: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL: _____

INSTALLED BY: _____
(contractor name & telephone)

DATE INSTALLED: MONTH ____ DAY ____ YEAR ____