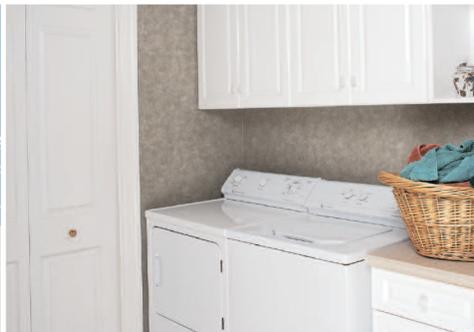




## VENTILATION SOLUTIONS FOR THE LAUNDRY



BOOSTER FANS  
AIRFLOW SENSORS  
AND LINT TRAPS



IMPROVING INDOOR AIR QUALITY THROUGH BETTER VENTILATION

March 2009 - SBL0309

[www.fantech.net](http://www.fantech.net)

## ANOTHER FANTECH VENTILATION SOLUTION

**DRYER BOOSTER FANS** are specially designed to solve the problems caused by long duct runs on clothes dryers. Long duct runs with multiple elbows can cause extended drying time as well as lint and moisture build-up within the dryer duct.

### WHEN IS A DRYER BOOSTER NECESSARY?

According to some dryer installation instructions and local building codes, booster fans should be added in the dryer duct run when the length of the duct exceeds 25 feet with no bends, 20 feet with one bend or 15 feet with two bends.

Dryers were designed to be located on an outer wall and directly vented out of the building. In today's home, condo and apartment designs the laundry has been moved to interior locations causing the use of extensive lengths of duct. Most typical dryers cannot operate efficiently against the resistance created by the necessary duct work. In these applications a dryer booster fan is the perfect solution.

### HOW DO THEY WORK?

When the dryer is on, Fantech's patented pressure sensing switch automatically turns the booster fan on. The warm, moist air in the dryer duct is exhausted quickly.

**FIVE  
YEAR  
WARRANTY**

### CALCULATING DUCT RUN

To calculate the length of your planned duct run, measure from the dryer to the external venting point in roof or wall. For each bend or elbow add 5-7 feet to your total duct run calculations. All of Fantech's Dryer Boosters can be used on runs up to 130 feet except the DBF110 which is effective up to 108 feet.

Always consult local codes before installation.



Exclusive Wall-Mount Panel with LED Light assures homeowner that booster fan is working normally.



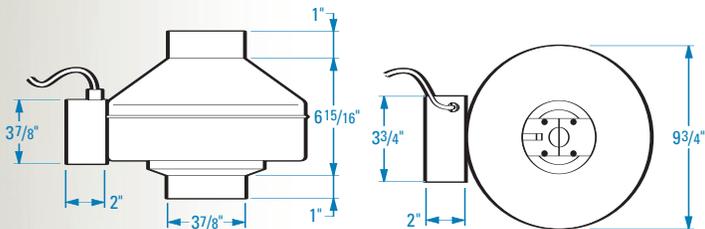
# DRYER BOOSTER FANS/METAL

## FANTECH'S "INTELLIGENT" DRYER BOOSTER



### DBF4XLT "Intelligent" Dryer Booster

The newest dryer booster fan from Fantech is the most advanced in the industry. The unit can be used to effectively boost dryer exhaust in duct runs up to 130 feet. Fan features galvanized steel housing and integrated airflow sensing switch. Additional components include: mounting bracket, quick-connect/disconnect duct collar, 5 1/2 foot power cord with plug plus wall-mount indicator panel. LED light on wall panel lets homeowners know fan is working properly.



**FIVE YEAR WARRANTY**

**NOTE:** If DBF4XLT is located within 15 linear feet of the dryer, a DBLT4 Lint Trap should be added between the dryer and the fan.  
(See back cover for description.)

#### Exhaust Fan Performance

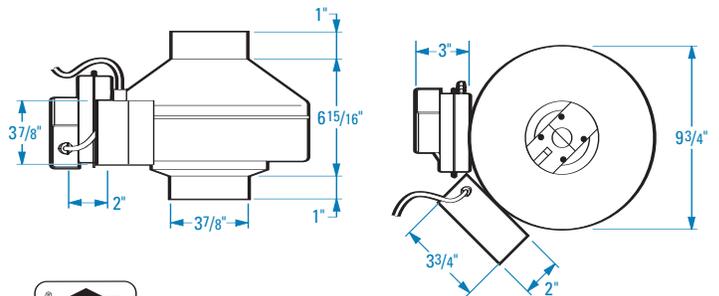
Fan Model	Max Watts	Max Amps	CFM 0" Ps	CFM 2" Ps	CFM 4" Ps	CFM .6" Ps	CFM .8" Ps	CFM 1.0" Ps	Duct Dia.
DBF4XLT	83	0.73	170	150	134	119	103	86	4"

Per HVI's Certified Ratings Program, charted airflow performance has been derated by a factor based on actual test results and the certified rate at .2 inches WG.



### DBF4XL Metal Dryer Booster

Tap into the power of this dryer booster fan which can be used on duct runs up to 130 feet. Includes fan with galvanized steel housing, automatic pressure sensing switch, mounting bracket, hardware and 5 1/2 foot power cord with plug. Pressure switch activates fan when dryer comes on. Backward inclined impeller allows lint to pass through the fan.



**FIVE YEAR WARRANTY**

#### Exhaust Fan Performance

Fan Model	Max Watts	Max Amps	CFM 0" Ps	CFM 2" Ps	CFM 4" Ps	CFM .6" Ps	CFM .8" Ps	CFM 1.0" Ps	Duct Dia.
DBF4XL	83	0.73	170	150	134	119	103	86	4"

Per HVI's Certified Ratings Program, charted airflow performance has been derated by a factor based on actual test results and the certified rate at .2 inches WG.

# INLINE & EXTERIOR-MOUNT DRYER BOOSTERS

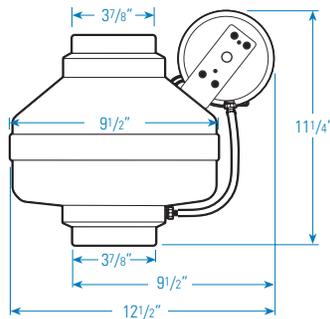


## DBF110 Dryer Booster Fan

This Fantech Dryer Booster Fan is engineered of thermoplastic resin and features an integrated automatic pressure switch. It can be used on dryer duct runs up to 108 feet. The fan's backward inclined blades allow lint to pass through the fan.



**FIVE  
YEAR  
WARRANTY**



### Exhaust Fan Performance

Fan Model	Max Watts	Max Amps	CFM 0" Ps	CFM .2" Ps	CFM .4" Ps	CFM .6" Ps	CFM .8" Ps	CFM 1.0" Ps	Duct Dia.
DBF110	80	0.72	167	150	133	113	88	63	4"

Per HVI's Certified Ratings Program, charted airflow performance has been derated by a factor based on actual test results and the certified rate at .2 inches WG.

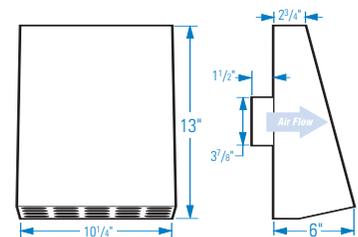


## RVF4XL Exterior-Mount Exhaust Fan for Dryer Boosting

Fantech's popular exterior-mount exhaust fan with white, powder-coated metal housing can be used for dryer boosting when paired with a DB10 Pressure Switch (purchase separately). Ideal for condos and apartments as well as homes. Effective on duct runs up to 130 feet. Pressure switch automatically activates the fan when the dryer comes on.



**FIVE  
YEAR  
WARRANTY**



### Exhaust Fan Performance

Fan Model	Max Watts	Max Amps	CFM 0" Ps	CFM .2" Ps	CFM .4" Ps	CFM .6" Ps	CFM .8" Ps	CFM 1.0" Ps	Duct Dia.
RVF4XL	92	0.84	193	172	154	136	118	91	4"

Per HVI's Certified Ratings Program, charted airflow performance has been derated by a factor based on actual test results and the certified rate at .2 inches WG.

## ACCESSORIES



### DBLT4 Lint Trap

Paintable galvanized metal lint trap for dryer boosting applications. Use when duct length between dryer and booster fan is less than 15 feet. Fits 4-inch duct. Features pull out door with view window, removable lint filter for easy cleaning and 1/2" flange for flush mount installation.



### DB10 Pressure Switch

Automatic pressure switch can be used with a Fantech RVF4XL Exterior Mount Fan for dryer boost applications. The automatic switch directs power to the fan in consecutive five minute cycles, effectively providing continuous boost as long as the dryer is on. 115V; 3.8 amps max..



www.fantech.net  
info@fantech.net

### United States

10048 Industrial Blvd.  
Lenexa, KS 66215  
Phone: 800-747-1762; 913-752-6000  
Fax: 800-487-9915; 913-752-6466

### Canada

50 Kanalfakt Way  
Bouchouche, NB E4S 3M5  
Phone: 800-565-3548; 506-743-9500  
Fax: 877-747-8116; 506-743-9600

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