

VENTILATION

Solutions

www.fantech.net



Fantech

IMPROVING INDOOR AIR QUALITY THROUGH BETTER VENTILATION



Don't let the roar of a noisy bath fan disrupt your peace and quiet. Protect your bath and your sanity with Fantech Inline Exhaust Fans. Unlike standard bathroom fans, the fan motor mounts away from the living area. The result is a bathroom exhaust system that is powerful yet quiet. Choose single port or multi-port kits with or without lights.

All models are UL Listed for wet locations.



DLX150L

TWO-PORT VENT LIGHT KIT

Everything you need to light and vent two areas of one large bath or two smaller back-to-back baths. Includes 263 CFM inline exhaust fan, two 6" vent light fixtures, Y-adapter, mounting bracket, mounting hardware and two 50-watt halogen bulbs. Uses 6" duct.



REG100L

SINGLE-PORT VENT LIGHT KIT

Includes 122 CFM fan, mounting bracket, one 6" vent light fixture with 6" to 4" reducer, one 50-watt halogen bulb and mounting hardware. Uses 4" duct.



BATH
Ventilation

KITCHEN

Ventilation



TWO-PORT BATH EXHAUST KITS

Choose from a trio of "exhaust only" kits that effectively ventilate two areas of a bath with one fan. Kits include inline fan, mounting bracket, Y-adapters, two grill/collar/damper combinations and mounting hardware.

DLX150: 263 CFM fan and two 6" grills (shown). Uses 6" duct.

DLX110: 167 CFM fan and two 4" grills. Uses 4" duct.

DLX200: 408 CFM fan and two 6" grills. Uses 6" and 8" duct.



SINGLE-PORT BATH EXHAUST KITS

For exhaust only applications in smaller baths or powder rooms. Kits include inline exhaust fan, mounting bracket, one grill/collar/damper combination and clamps.

REG100: 122 CFM fan and one 4" grill (shown). Uses 4" duct.

REG140: 214 CFM fan and one 6" grill. Uses 6" duct.



VLC64

VENT LIGHT FIXTURE

UL LISTED FOR WET LOCATIONS

Use with Fantech remote mount exhaust fans. Includes pre-wired vent light fixture complete with backdraft damper, transformer and 6" to 4" reducer. Use with either 4" or 6" duct.



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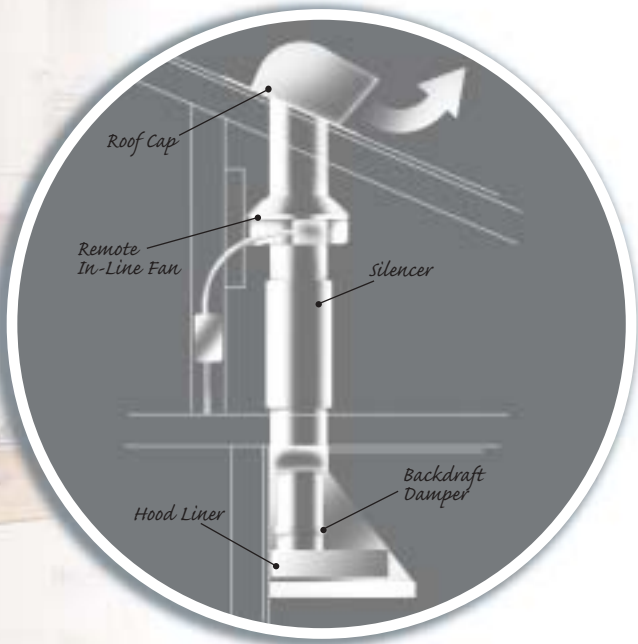


Hood Liners

Choose from a wide variety of sizes to fit most custom hood designs or wood hoods. All models include a variable speed fan control, washable aluminum filters and dimmable halogen lights (purchase separately).

SHL Hood Liners: 22-gauge stainless steel construction. Available in 36", 42" and 48" sizes. Depth 22". Height 6".

SGHL Liners: 22-gauge stainless steel fascia with galvanized steel housing. Available in 30" & 36" sizes. Depth 18". Height 4".



Style and function come together beautifully when you use Fantech's Kitchen Ventilation System with your custom range hood design. Stainless Steel Hood Liner, Silencer and Remote Mount Exhaust Fan work together to create a powerful, effective way to vent steam, smoke and odors out of the kitchen ... quietly.



Fantech products carry certifications from the top electrical and air movement agencies. For more information, log on to www.fantech.net.



FKD Series Remote Mount Exhaust Fans

Powerful, smooth running mixed flow centrifugal fans ideal for kitchen ventilation systems. Galvanized steel housings with baked powder coat finish. Ideal for use with commercial style ranges. Available in sizes from 836 CFM to 2000 CFM. Duct sizes from 8" to 12".



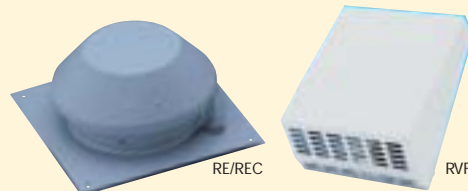
FX Series Remote Mount Exhaust Fans

Inline duct fans with galvanized steel housings and powder coat finish. Ideal for smaller, standard size ranges. Available in sizes from 100 CFM to 800 CFM. Duct sizes from 4" to 12".



LD Silencers

The addition of a Fantech galvanized steel silencer can typically reduce "perceived" sound level of the kitchen ventilation system by more than 50%. Available in sizes for 6" to 16" duct.



Exterior Fans for Kitchens & Baths

Exterior mounted exhaust fans can provide the perfect solution when space is at a minimum. Ideal for homes, condominiums and apartment complexes.

RVF Series: Fans mount on an exterior wall. Sizes from 110 CFM to 410 CFM. Duct sizes from 4" to 8".

RE/REC Series: Fans mount on the roof or on an exterior wall. Models from 227 CFM to 753 CFM. Duct sizes from 6" to 10".

LAUNDRY *Ventilation*



Fantech Dryer Booster Fans solve the problems caused by long duct runs on clothes dryers. How do they work? When the dryer turns on, the fan is activated by an automatic pressure sensitive switch so warm, moist air is exhausted out of the house quickly. Suitable for dryer runs with up to a maximum 60 linear feet of 4" rigid duct with six elbows.



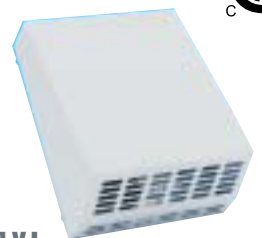
DBF110

Dryer Booster Kit includes 167 CFM inline fan with automatic pressure sensitive switch, mounting bracket and hardware. Housing is engineered thermoplastic resin.



DBF4XL

Dryer Booster Kit includes 147 CFM inline fan with automatic pressure sensitive switch, mounting bracket and hardware. Housing is galvanized steel with baked powder coat finish.



RVF4XL

193 CFM exterior wall-mount fan can be used for dryer boosting with the addition of a pressure sensitive switch – Model DB10 (purchase separately). Ideal for condominiums and apartment complexes.

VENTILATION *Sizing*

The following guidelines from HVI, The Home Ventilating Institute, are provided to help you choose the ideal ventilation products. These are only recommendations. Always check local codes for requirements in your area. For complete technical specifications on all the products featured in this brochure, visit www.fantech.net.

BATH *Sizing*

Bathrooms under 100 ft²

The standard rule for baths 100 square feet or smaller is one CFM per square foot of bathroom.

To find the square footage simply multiply the length of the bath by the width.

Example: 8' x 10' bath = 80 square feet.

You will need an 80 CFM fan for this bath.

Bathrooms over 100 ft²

Ventilation for baths over 100 square feet is calculated based on the fixtures in the bath. Allow 50 CFM for each standard toilet, shower, steam shower* or tub. Whirlpool, garden and hot tubs are calculated at 100 CFM. Add up the CFMs for all fixtures and you'll have the total CFMs required.

Example 1: 1 Toilet + 1 Shower + 1 Tub = 150 CFM

Example 2: 1 Toilet + 1 Shower + 1 Whirlpool Tub = 200 CFM

*Note: We recommend that steam showers use a separate fan on a timer so that the fan may be shut off during shower use and then run afterward to dry the shower stall.

FANTECH recommends the use of insulated flexible duct.

KITCHEN *Sizing*

Before choosing your kitchen ventilation fan check with your local residential codes and the range manufacturer's recommendations.

If range manufacturer's recommendations are not available, use the following information to calculate the fan size.

Wall Mount Hood

For wall mount range hood installations you will need 100 CFM per foot of width.

Example: 36" (3 ft.) wide hood will require 300 CFM.

Island Mount Hood

For island mount installations you will need 150 CFM per foot of width.

Example: 36" (3 ft.) wide hood will require 450 CFM.



Fantech

United States

1712 Northgate Blvd.
Sarasota, FL 34234
Phone: 800.747.1762; 941.309.6000
Fax: 800.487.9915; 941.309.6099
www.fantech.net; info@fantech.net

Canada

50 Kanafflakt Way
Bouctouche, NB E4S 3M5
Phone: 800.565.3548; 506.743.9500
Fax: 877.747.8116; 506.743.9600
www.fantech.ca; info@fantech.ca

Distributed by: www.hvacquick.com 877-711-4822



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