Ventilation Solutions
Bathrooms

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We give you choices

Designing a bath involves many decisions that will ultimately affect its look and function, whether it be a busy family bathroom or a small guest bath with limited space. Or, maybe, you're going all out for that ultra-modern bath retreat with all the amenities.

No matter what style bath you're designing, one thing remains the same - the need for proper ventilation.

And who better to offer you the perfect ventilation solution than Fantech? For more than two decades our quiet ventilating fans protect bathrooms from damaging effects of mold and mildew without disturbing your peace and quiet.

Fantech Premium Bath

- Unobtrusive, quiet and efficient
- Superior CFM at higher static pressure
- Rated for continuous duty
- 100% speed controllable
- For use with recommended FIDT flexible
- 7 year warranty

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Fans

duct

Quiet Solutions

NO sones*

The No Sones symbol identifies the notable lack of audible fan noise compared to even the lowest Sone surface mount solutions on the market. We are proud to offer our customers a smarter, quieter way to ventilate one or multiple bathrooms.

Energy-Saving Fans

Fantech is proud partner with ENERGY STAR® to provide energy efficient bath ventilation products for your home.

- 2.8 CFM/Watt motor efficiency
- Use 70% less energy than conventional models
- Compatible with controls for more savings

* No standard for testing of remote mount bath fans exists.

PB 270F-2
Premium Bathroom Exhaust
Fan with Dual Grilles

Insulated Flexible Duct
FIDT 4

A Bathroom with a quiet ventilating fan

As the trend to larger spa-like bathrooms continues to gain in popularity, the need for proper ventilation becomes more important. Quick removal of moisture at the source will keep your beautiful bath free of mold and the effects of extreme moisture.

Our Premium Bath Fans with their remote mounted fan can effectively ventilate several areas of the bath. Ceiling Grilles with or without Lights can be easily positioned over showers, whirlpool tubs, steam showers, toilet and vanity. The PB Series fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

To learn more about our quiet ventilating fans, please read on or follow us on **www.fantech.net**

VT 20M
Main Control

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Roof Cap
RC 6

FC 6
Mounting Clamps

FY 644
Y-adapter
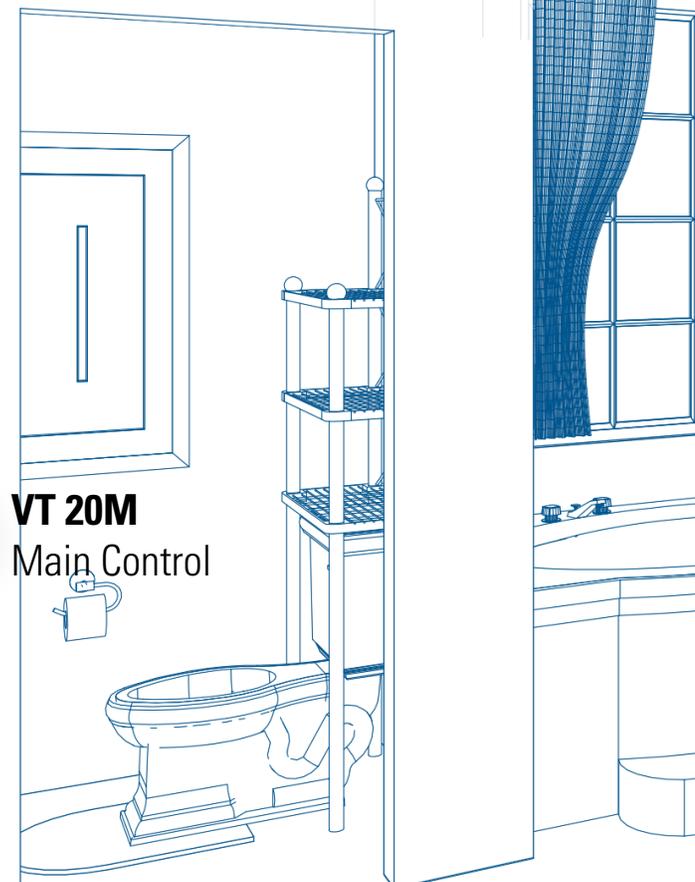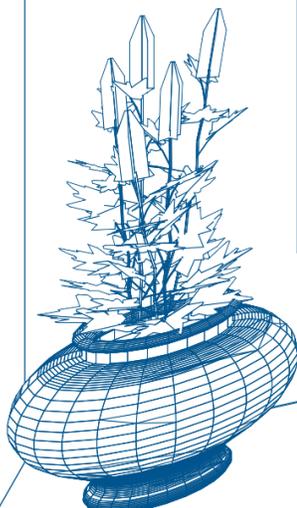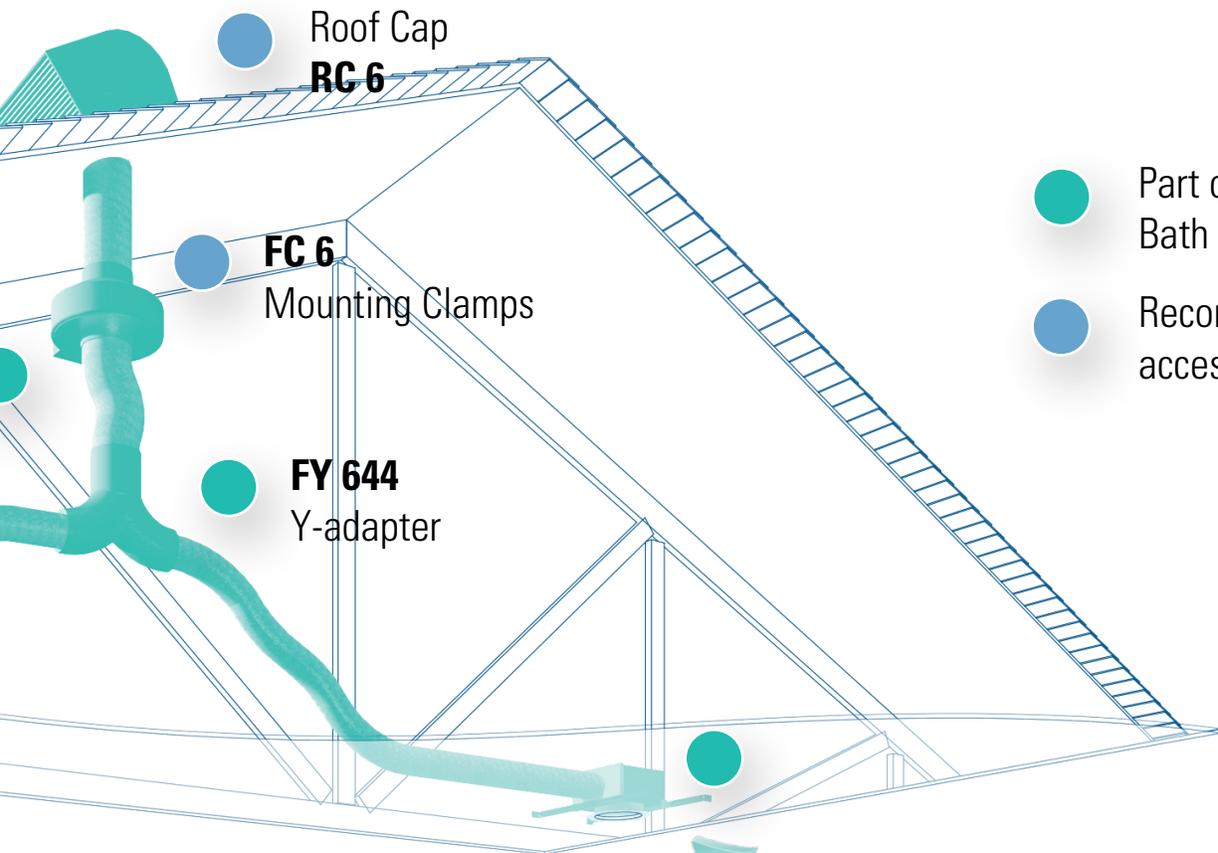
Part of a Premium
Bath Fan kit

Recommended
accessories

A simple tip to help you size
a fan for your bath

IF YOUR BATHROOM IS 100 SQ.FT. OR SMALLER

According to the guidelines of HVI (Home Ventilating
Institute) baths that are 100 sq.ft. or smaller require
1 CFM per square foot of bathroom or a minimum
50 CFM of fresh airflow. To find the square footage
simply multiply the length of the bath by the width.
For proper airflow in typical installations (when
duct losses aren't calculated), use the 0.4" P_s (static
pressure) rating point for correct fan selection.

IF YOUR BATHROOM IS OVER 100 SQ.FT.

Ventilation for baths over 100 sq.ft. is calculated
based on the fixtures in the bath. Allow 50 CFM for
each standard toilet, shower or tub. Whirlpool and
jetted tubs are calculated at 100 CFM. Add up the
CFMs for all fixtures and you will have calculated the
total CFMs required.

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.

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PB Series - Premium Bath Fans
Single grilles

Clear the air in smaller baths and powder rooms

Unlike standard exhaust fans, the motor of a Fantech fan mounts in a location away from the living area such as an attic. Small unobtrusive ceiling grilles, with or without lights can be mounted in multiple locations over the shower, the toilet and/or the tub, then ducted to the remote fan to quickly and efficiently whisk away moisture, steam and odors. One fan can also be used to ventilate multiple bathroom grilles. It's an ideal solution for back to back bathrooms or large multi-room master bath suites.

PB 110 Premium Bath Fan
with one Ceiling Grille

110 CFM fan, one ceiling grille and grille housing with damper. Uses 4" duct. ENERGY STAR® qualified. UL Listed for wet locations.

PB 190 Premium Bath Fan
with one Ceiling Grille

190 CFM fan, one ceiling grille and grille housing with damper. Uses 6" duct. ENERGY STAR® qualified. UL Listed for wet locations.

PB 110H Premium Bath Fan
with Dimmable Halogen Light

110 CFM fan, one ceiling grille with light, grille housing with damper, 50W halogen bulb. Uses 4" duct. UL Listed for wet locations.

PB 110F Premium Bath Fan
with Fluorescent Light

110 CFM fan, one ceiling grille with light, grille housing with damper, 14W instant-on, flourescent bulb. Uses 4" duct. UL Listed for wet locations.

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Ventilation solution
for remodeling

BFRK Series

Bath Fan Retrofit Kit

At Fantech we believe that the noise of the fan should not make a statement in your bathroom. It should be unobtrusive, work quietly and efficiently. Convert your existing noisy exhaust fan with our simple to install, simple to maintain bathroom retrofit kit. That's simply better™.

Fantech`s retrofit kit includes everything you need:

- 110 cfm ENERGY STAR® rated inline fan with a mounting bracket
- Insulated 4" flex duct
- Duct adapters 3" to 4"
- Roll of duct tape
- Electrical wire & wire connectors
- Cable restraints

UPC # 10107 7

Scan this code to watch the Installation Video on the YouTube channel **fantechusa**

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PB Series - Premium Bath Fans
Dual grilles

The key for clean oversized baths is spot ventilation

As the trend to larger spa-like bathrooms continues to gain in popularity, the need for proper ventilation becomes more important. Quick removal of large volume of heat and humidity at the source will keep your beautiful bath free of mold and the effects of extreme moisture. Premium Bath Fans with dual grilles with a remote mounted fan motor can effectively ventilate several areas of the bath or several bathrooms, whirlpool tubs, steam showers, toilets.

PB 270-2 Premium Bath Fan
with Dual Grille

270 CFM fan, two ceiling grilles, two grille housings with dampers and Y-adapter (4" x 4" x 6"). Uses 4" and 6" duct. ENERGY STAR® qualified. UL Listed for wet locations.

PB 370-2 Premium Bath Fan
with Dual Grilles

370 CFM fan, two ceiling grilles, two grille housing with dampers and Y-adapter (6" x 6" x 6"). Uses 6" duct. Grille housing fits between 2" x 8" contruction. ENERGY STAR® qualified.

PB 270H-2 Premium Bath Fan
with Dual Grilles and Dimmable Halogen Light

270 CFM fan, two ceiling grilles with lights, two grille housing with dampers, two 50W halogen bulbs & Y-adapter (4" x 4" x 6"). Uses 4" and 6" ducts. UL Listed for wet locations.

PB 270F-2 Premium Bath Fan
with Dual Grilles and Flourescent Light

270 CFM fan, two ceiling grilles with lights, two grille housing with dampers, two 14W instant-on fluorescent bulbs & Y-adapter (4" x 4" x 6"). Uses 4" and 6" ducts. UL listed for wet locations.

DO YOU SEE ANY RIVETS ON THIS FAN?

NEITHER DO WE. THAT'S WHY IT NEVER LEAKS.

We all know that rivets will leak air. Our unique manufacturing process guarantees that no rivets are necessary and ensures an airtight seal. The result? Stale air, odors and humidity leave the bathroom not the fan.

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PB Series - Premium Bath Fans
Combination of Dual Grilles

Multiple options, same great performance

Combo units include one exhaust fan, one lit and one unlit ceiling grille. A single model number provides the exact bath fan components needed for a dual location exhaust system. Want to add an additional exhaust location? Just choose an additional ceiling grille with or without a light to turn your one or two location bath fan into a powerful multiport system.

PB 270FV-2 Premium Bath Fan
with one Ceiling Grille and Fluorescent Light

270 CFM fan, one ceiling grille with light, one vent-only ceiling grille, two grille housings with dampers, 14W instant-on Fluorescent bulb and Y-adapter (4" x 4" x 6"). Uses 4" and 6" ducts. ENERGY STAR® qualified. UL Listed for wet locations.

PB 270HV-2 Premium Bath Fan
with one Ceiling Grille and Halogen Light

270 CFM fan, one ceiling grille with light, one vent-only ceiling grille, two grille housings with dampers, 50W Halogen bulb and Y-adapter (4" x 4" x 6"). Uses 4" and 6" ducts. UL Listed for wet locations.

Expansion Grilles
with Housings

PBF 4 Ceiling Grille
with Fluorescent Light

Includes damper, four hanger bars and 14W instant-on fluorescent bulb. Fits between 2" x 6" construction.

PBV 4 Ceiling Grille
Vent

Includes damper, four hanger bars. Fits between 2" x 6" construction. For use with PB110 and PB270 Series fans.

PBH 4 Ceiling Grille
with Halogen Light

Includes damper, four hanger bars and 50W instant-on fluorescent bulb. Fits between 2" x 6" construction.

PBV 6 Ceiling Grille
Vent

Includes damper, four hanger bars. Fits between 2" x 6" construction. For use with a PB370 fan.

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PBW Series - Premium Bath Fans
Exterior Wall Mount

No where to exhaust a fan?

Do you have a bathroom that needs to exhaust straight through a wall? The RVF mounts on the side of the home and connects to your existing fan housing and grille. A very easy solution to a very annoying problem.

PBW 110
Wall Mount Fan
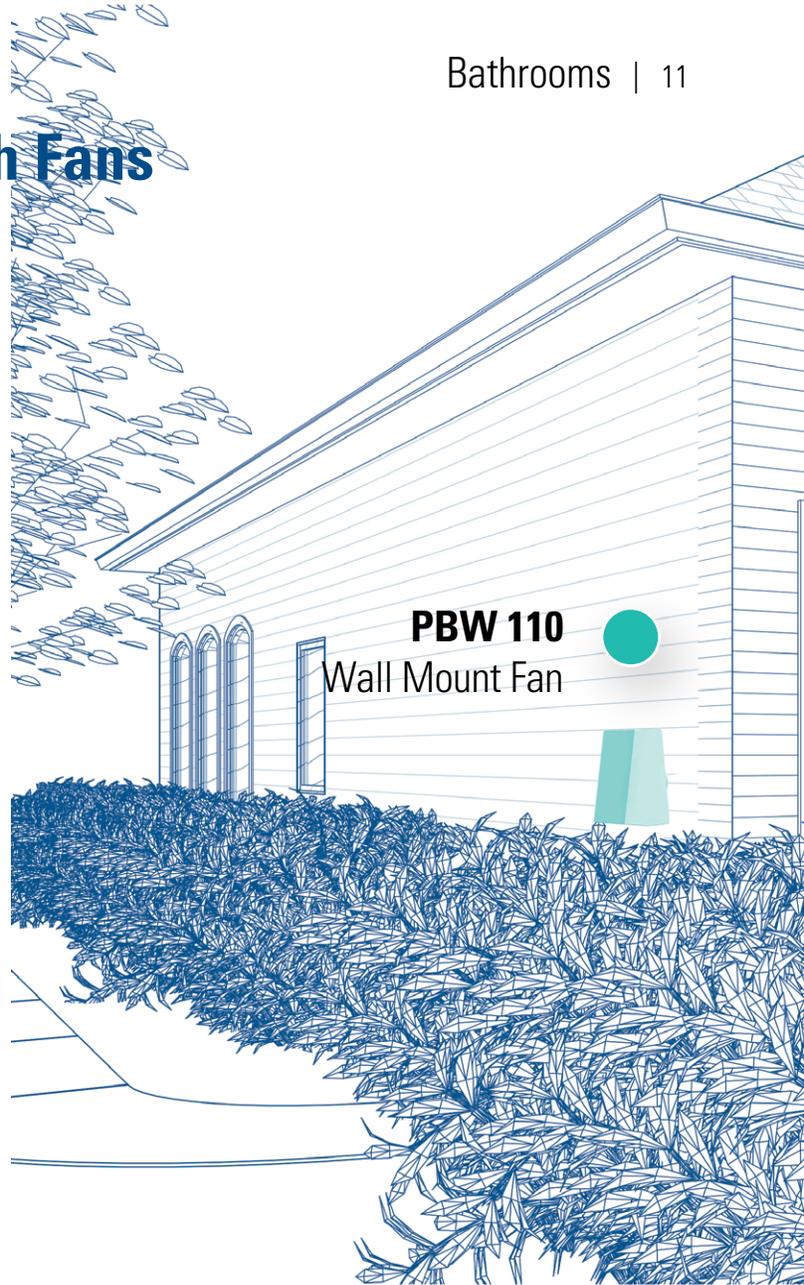
PBW 110 Exterior Wall Mount Premium Bath Fan
with one Ceiling Grille

120 CFM fan, one ceiling grille and grille housing with damper. Uses 4" duct.

PBW 110H Exterior Wall Mount Premium Bath Fan
with Dimmable Halogen Light

120 CFM fan, one ceiling grille with light, grille housing with damper, 50W halogen bulb. Uses 4" duct.

PBW 110F Exterior Wall Mount Premium Bath Fan
with Flourescent Light

120 CFM fan, one ceiling grille with light, grille housing with damper, 14W instant-on, flourescent bulb. Uses 4" duct.

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Ventech
Programmable Fan Control

PBF 4
Ceiling Grille with
Fluorescent Light

A small energy-saving revolution

Who would think that such a small thing like controls would create an air quality revolution in bathrooms? Well, they have. Programmable controls and timers provide a cost-effective way to let the ventilating fan run after use to improve bathroom comfort within a couple of minutes and keep the space free of mold and moisture. Settings can be customized to provide the required amount of ventilation to fit your needs and lifestyle.

It may sound like it's too good to be true. But it's not. Controls give you a completely new way to manage daily ventilation in your bathrooms, while saving money on lower energy bills. Shouldn't that be an everyday revolution?

VT 20M
Main Control

- Infinite Speed Control can be set so ventilation fan runs at any speed between 0-100%
- Programmable Timer – run-time adjustable from 0-60 minutes per hour
- High Speed 20 minute boost activated by pressing touch pad on main unit (or any auxiliary unit). Blue LED illuminates on all units when high speed boost is activated.
- Intermittent or continuous ventilation

UPC # 45386 2

VT 20A
Auxiliary Control

- When touch pad on Auxiliary Control is pressed, a blue LED light illuminates on all units and fan runs at high speed for 20 minutes.
- Use up to three Auxiliary Controls with one Main Control

UPC # 45385 2

VT 20M
Main Control

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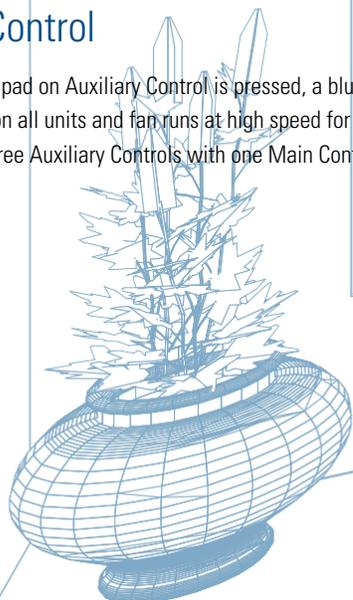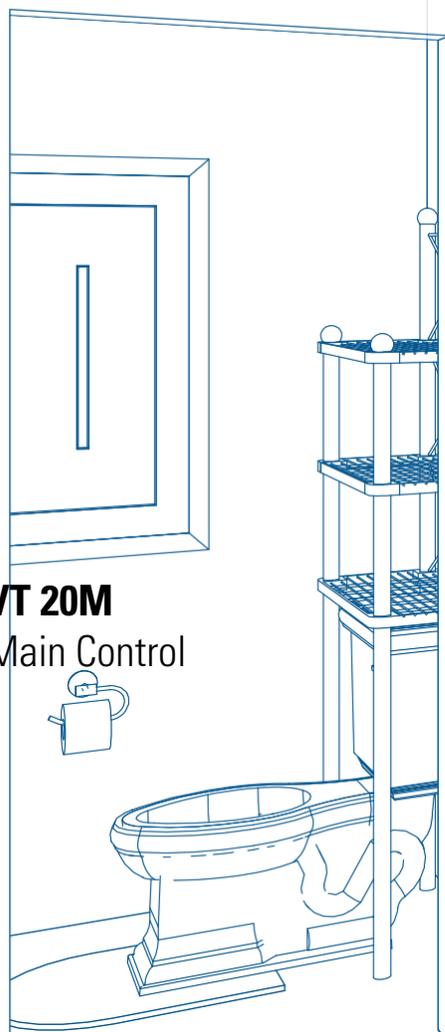
FQ 80
Quiet Ventilating Fan

UPC # 83737 2

The FQ Series quiet ventilating fans with or without lights provides remarkably quiet, energy efficient ventilation for baths, powder rooms and other areas.

Selection Guide
Quick overview

Premium Bath Fans with Ceiling Grilles

Model	Duct size	Rated power @ 0.2" P_s	Voltage / phase	0.2" P_s	0.4" P_s	CFM per Watt @ 0.2" P_s	ENERGY STAR® Qualified	Lamp	Fan Dimensions		Shipping weight	UPC #	7 Year Warranty
	inch	W	V / ~	cfm					W (inch)	inch (H)	lbs		
PB 110	4	21	120 / 1	110	83	5.5	Yes	-	8 $^3/_4$	6 $^1/_2$	9	40568 7	Yes
PB 190	6	69	120 / 1	200	152	3.0	Yes	-	11 $^3/_4$	6	14	40571 7	Yes
PB 270-2	4/6	74	120 / 1	270	232	3.75	Yes	-	11 $^3/_4$	6	17	40572 4	Yes
PB 370-2	6	122	120 / 1	370	317	3.1	Yes	-	13 $^1/_8$	6 $^5/_8$	32	45433 3	Yes
PBW 110	4	19	120 / 1	112	83	6.3	Yes	-	10 $^1/_4$	13	12	46240 6	Yes

Premium Bath Fans with Ceiling Grilles and Lights

Model	Duct size	Rated power @ 0.2" P_s	Voltage / phase	0.2" P_s	0.4" P_s	CFM per Watt @ 0.2" P_s	ENERGY STAR® Qualified	Lamp	Fan Dimensions		Shipping weight	UPC #	7 Year Warranty
	inch	W	V / ~	cfm					inch (W)	inch (H)	lbs		
PB 110F	4	20	120 / 1	110	83	5.5	-	14W Compact Fluorescent (PBB14) †	8 $^3/_4$	6 $^1/_2$	11	40569 4	Yes
PB 110H	4	20	120 / 1	110	83	5.5	-	50W Halogen (PBB50)	8 $^3/_4$	6 $^1/_2$	10	40570 0	Yes
PBW 110H	4	19	120 / 1	112	83	6.3	-	50W Halogen (PBB50)	10 $^1/_4$	13	12	46242 0	Yes
PBW110F	4	19	120/1	112	83	6.3	-	14W Compact Fluorescent (PBB14) †	10 $^1/_4$	13	12	46244 4	Yes
PB 270F-2	4/6	72	120 / 1	270	232	3.75	-	14W Compact Fluorescent (PBB14) †	11 $^3/_4$	6	19	40573 1	Yes
PB 270H-2	4/6	72	120 / 1	270	198	3.75	-	50W Halogen (PBB50)	11 $^3/_4$	6	17	40574 8	Yes
PB 270FV-2	4/6	72	120 / 1	270	232	3.75	-	14W Compact Fluorescent (PBB14) †	11 $^3/_4$	6	18	40575 5	Yes
PB 270HV-2	4/6	72	120 / 1	270	232	3.75	-	50W Halogen (PBB50)	11 $^3/_4$	6	18	40576 2	Yes

FQ Series – Quiet Ventilating Fans

Model	Duct size	Rated power @ 0.2" P_s	Voltage / phase	0.1" P_s	0.2" P_s	0.3" P_s	0.4" P_s	Lamp power (Main/Night)	ENERGY STAR® Qualified	Sones	Shipping weight	UPC #	5 Year Warranty
	inch	W	V / ~		cfm			W CFL			lbs		
FQ 80	4	25	120 / 1	80	68	56	43	-	Yes	<0.3	12	83737 2	Yes
FQ 80FL	4	25	120 / 1	80	73	60	47	26/4	-	0.4	14	83739 6	Yes
FQ 110	4	30	120/1	110	100	85	70	-	Yes	0.7	13	83738 9	Yes
FQ 110FL	4	30	120/1	110	100	85	70	26/4	-	1.3	14	83740 2	Yes

Expansion Grilles with Housings and Dampers

Model	Duct size	Housing Dimensions	Lamp	Shipping weight	UPC #
	inch	inch (L x W x H)		lbs	
PBF 4	4	7 $\frac{3}{16}$ x 7 $\frac{3}{16}$ x 5 $\frac{5}{16}$	14W Instant-On-Compact Fluorescent (PBB14)†	4	46744 9
PBH 4	4	7 $\frac{3}{16}$ x 7 $\frac{3}{16}$ x 5 $\frac{5}{16}$	50W Halogen (PBB50)	4	46742 5

Model	Duct size	Housing Dimensions	Shipping weight	UPC #
	inch	inch (L x W x H)	lbs	
PBV 4	4	7 $\frac{3}{16}$ x 7 $\frac{3}{16}$ x 5 $\frac{5}{16}$	4	46740 1
PBV 6	6	8 x 8 x 7 $\frac{1}{8}$	4	46760 9

† The Compact Fluorescent bulb used in Fantech Premium Bath Fans has a color temperature of 2700 Kelvin and CRI of 81. Average bulb life: 10,000 hours.
Need replacement bulbs? Order PBB14 for Fluorescent Models - UPC# 46900 9; PBB50 for Halogen Models - UPC# 46901 6.

Other accessories and controls

Model	Duct size	Weight	UPC #
	inch	lbs	
FIDT 4*	4	7	59040 6
FIDT 6*	6	9	59060 4

Model	Duct size	Weight	UPC #
	inch	lbs	
FC 4	4	1	51040 4
FC 6	6	1	51060 2

Model	Duct size	Weight	UPC #
	inch	lbs	
RC 4	4	2	71040 8
RC 6	6	3	71060 6

Model	Max Amp	Weight	UPC #
	A	lbs	
FLD 60	20	1	73060 4
FD 60EM	20	1	73200 4

* We recommend to use of the insulated flex duct with our Premium Bathroom Fans.

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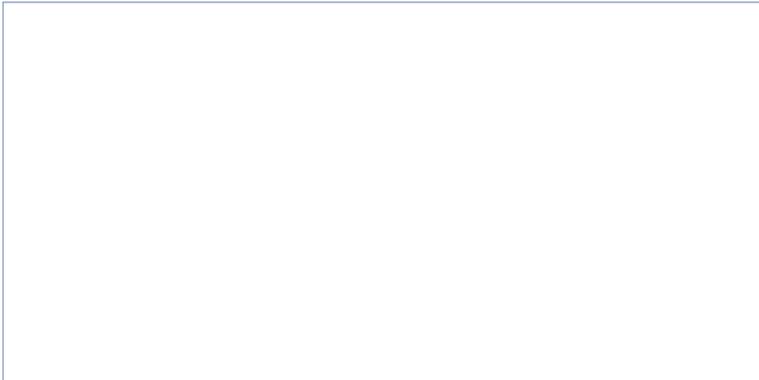
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