Ventilation Solutions
Bathrooms

fantech®
a systemair company

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 have protected bathrooms from the damaging effects of mold and mildew without disturbing your peace and quiet.

Fantech Premium Bath Fans

- Unobtrusive, quiet and efficient
- Superior CFM at higher static pressure
- Single and Dual grilles/locations
- Exterior Mount
- Rated for continuous duty
- 100% speed controllable*
- For use with recommended FIDT flexible duct
- 7 year warranty*

*Selected models

No Sones

This 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.

- Use 70% less energy than conventional models
- Compatible with controls for more savings

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RC 6P
Roof Cap

Roof cap with damper flap closure, duct connection and screened exhaust opening. Learn more on page 15.

PB 270L10-2
Premium Bathroom Exhaust Fan with Dual Grilles & LED Bulbs

Excellent to be used as an exhaust fan in large bathrooms or spas with multiple exhaust locations such as a steam shower, bath tab or toilet. Learn more on page 11.

FY 644
Y-Connector

Connects loose branch's ends to the main duct.

FIDT 4
Flexible Duct

Flexible round insulated duct. The insulation provides great sound and thermal efficiency. UL Listed. Available in 25-foot lengths. Learn more on page 15.

● Part of a Premium Bath Fan kit

● Recommended accessories

Myth vs Reality

Myth:
Remote mount fans are more expensive

Powerful and silent remote mount bath fan solutions from Fantech are more economical than you may think. The table below illustrates an average installed cost for two fans mounted in a master bath or in adjacent bathrooms. Top it off with an unbeatable 7 year warranty, and the competition is left far behind.

Listed costs verified by using 2018 National Construction Estimator.

Equipment / Labor	Comparable 110CFM Ceiling Mount Fan*				Premium Bath Fan by Fantech			
	Materials	Quantity	Cost	Total	Materials	Quantity	Cost	Total
		pc	$ / ea	$		pc	$ / ea	$
Main Bathroom	Comparable 110CFM Ceiling Mount Fan	1 pc	205.-	205.-	PB 270L10-2 Remote Mount Bath Fan (270 CFM)	1 pc	403.-	403.-
Master Bathroom	Comparable 110CFM Ceiling Mount Fan	1 pc	205.-	205.-	Second Location FREE	1 pc	-	-
Controls	Std On/Off Toggle Switches	2 pcs	5.-	10.-	Std On/Off Toggle Switches	2 pcs	5.-	10.-
Ducts	12 ft. 6" insulated ducts	1 pc	40.-	40.-	6" Flex + 4" Flex	1 pc	70.-	70.-
Roof Caps	6" roof cap	2 pcs	30.-	60.-	6" roof cap	1 pc	30.-	30.-
Electrical Labor	Wiring fan	2 hrs	55.-	110.-	Wiring fan	1 hr	55.-	55.-
Ducting labor	Mount grille box	2 pcs	38.-	76.-	Mount grille box	2 pcs	38.-	76.-
	Mount duct & roof cap	2 pcs	90.-	180.-	Mount duct & roof cap	1 pc	90.-	90.-
Installation Cost				$ 996.-				$ 734.-

* Based on internet retail cost of Panasonic FV-11VQL6

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Part of a Premium
Bath Fan kit

Recommended
accessories

PBW 110L7
Exterior Wall Mount
Bath Fan with one
Grille & LED Light

Features a fan that mounts on the
exterior wall. The fan's natural sound is
kept at a distance from the ceiling grille,
resulting in a very quiet operation.
Learn more on page 13.

FIDT 4
Flexible Duct

Flexible round insulated duct. The
insulation provides great sound and
thermal efficiency. UL Listed. Available in
25-foot lengths. Learn more on page 15.

Remote mounted bath exhaust
for 1st floor bathrooms

Because there are often finished levels above, 1st floor bathrooms can be a challenge to ventilate
with vertically routed duct work. When duct work is routed horizontally between two levels of the
home, it can be difficult to locate a remote-mounted fan indoors. No need to worry - Fantech has
a solution!

With the PBW series of exterior, wall-mount premium bath fans, even 1st floor bathrooms can be
provided with the benefits of remote-mounted fans. The PBW series features a fan that mounts
on the exterior wall. The fan's natural sound is kept at a distance from the ceiling grille, resulting
in a very quiet operation. Similar to the other premium bath fan products, PBW models include
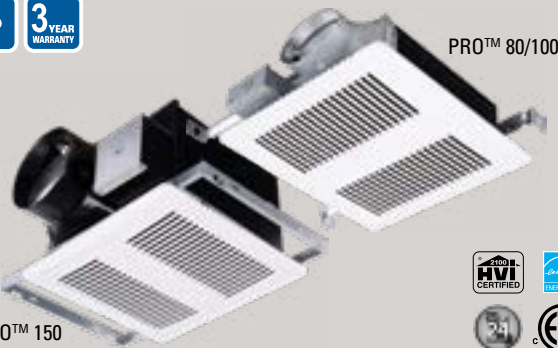ceiling grilles with and without lights.

PRO Series
Built for the Pro in mind

Efficiency, quiet operation and ease of installation characterize both the PRO™ and PRO PLUS™ series. Both fans are certified to the rigorous California Title 24 building energy code, as well as ETL/c-ETL, HVI, and Energy Star standards. The PRO™ Series operates at just 2.0 sones while the PRO PLUS™ is barely audible at 0.5 sones. Installation is fast and easy thanks to an adjustable mounting bracket that requires fewer screws than other brands.

PRO™ Series (80, 100, & 150)
with a Ceiling Grille

PRO™ 80/100

PRO™ 150

PRO™ Series offers three models with a ceiling grille and damper for airflow of 80, 100 or 150 cfm. The PRO™80 fan has a unique plug and play concept that allows you to add accessories such as a humidity sensor without changing the fan. This model holds an ETL listing and conforms to UL and CSA safety standards. ENERGY STAR® and HVI qualified, California Title 24 Listed.

Contractor packs are available. See page 14 for details.

Item #98500, #98501, and #98598. Shipping weight 9 lbs.

PRO PLUS™ Series
with LED Ceiling Grille, Humidity and Motion Sensor

PRO PLUS™ -L

PRO PLUS™

User-adjustable 80/90/110/140 cfm fan with a ceiling grille, backdraft damper, humidity and motion sensor. The fan provides 4 different airflows: 80-90-110-140 cfm. Uses a 6" flexible duct. The product is provided with an adjustable 12-24" bar hanger for ease of installation. This model holds an ETL listing and conforms to UL and CSA safety standards. ENERGY STAR® and HVI qualified, California Title 24 Listed.

Item #98506 and #98507. Shipping weight 12 lbs.

NEW
IPHS5

Humidity sensor for automatic fan control. Humidity adjustment, time-out settings and 20/40 air-cycle mode. cULus, ASHRAE 62.2, Title 24 listed. White.

Item #156040
W 1-$^3/_4$" x D 1-$^1/_4$" x H 4-$^1/_4$"

FD 60EM
Electronic Push Button Timer

Electronic push button timer switch. Select from 10, 20, 30 and 60 minute timed operation of fan. Fits standard single gang box. Ideal for multiple switching locations. Three available colors for the buttons (white, light almond, ivory).

Item #411386
W 1-$^3/_4$" x D 1-$^1/_4$" x H 4-$^1/_4$"

PRO™ Ceiling
Radiation Damper

UL 555C classified for use in 1-hour fired rated ceiling or ceiling assembly installation. Only for use with the PRO™ 80 & 100 fan models.

Item #98599
7 $^3/_{16}$ x 7 $^3/_{16}$ x 5 $^5/_{16}$

PRO PLUS™ Ceiling
Radiation Damper

UL 555C classified for use in 1-hour fired rated ceiling or ceiling assembly installation. Only for use with the PRO™ 150 & PRO PLUS™ fan models.

Item #98600
7 $^3/_{16}$ x 7 $^3/_{16}$ x 5 $^5/_{16}$

YOUR BATHROOM.
YOUR SPACE.
YOUR COMFORT.

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PB Series
Premium Bath Fans • Single Grilles

Clear the air in smaller baths and powder rooms

A small-scale grille mounts in the ceiling while the fan motor mounts in a remote location away from the living area. The result is a quiet yet powerful combination designed to help protect your home from the damaging effects of humidity. PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

PB 110 (PB 190) Premium Bath Fan
with one Ceiling Grille

- 110 CFM (190 CFM) fan
- One ceiling grille
- Grille housing with a damper
- Uses 4" (6") duct
- ENERGY STAR ® qualified
- UL Listed for wet locations

PB 110L7 Premium Bath Fan
with a Dimmable 7W LED Light

- 110 CFM fan
- One ceiling grille with LED light
- Grille housing with a damper
- Dimmable 7W LED bulb
- Uses 4" duct
- ENERGY STAR ® qualified
- UL Listed for wet locations

PB 110L10 Premium Bath Fan
with a Dimmable 10W LED Light

- 110 CFM fan
- One ceiling grille with LED light
- Grille housing with a damper
- Dimmable 10W LED bulb
- Uses 4" duct
- ENERGY STAR ® qualified
- UL Listed for wet locations

PB Series
Premium Bath Fans • Dual Grilles

The key for clean oversized baths is spot ventilation

Dual grille Premium Bath fans can effectively ventilate two areas of the bath or two different bathrooms. Small 7" ceiling grilles (with or without lights) can be easily positioned directly over showers, whirlpool tubs, steam showers, toilet or vanity. The fan motor is installed away from the living area for super quiet operation. PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

PB 270-2 (PB 370-2) Premium Bath Fan
with Dual Grille

- 270 CFM (370 CFM) fan
- Two ceiling grilles
- Two grille housings with dampers
- 4"x4"x6" (6"x6"x6") Y-adapter
- Uses 4", 6" ducts
- ENERGY STAR ® qualified
- UL Listed for wet locations

PB 270L7-2 Premium Bath Fan
with Dual Grille and a Dimmable 7W LED Light

- 270 CFM fan
- Two ceiling grilles with LED lights
- Two grille housings with dampers
- Two dimmable 7W LED bulbs
- 4"x 4"x 6" Y-adapter
- Uses 4", 6" ducts
- ENERGY STAR ® qualified
- UL Listed for wet locations

PB 270L10-2 Premium Bath Fan
with Dual Grille and a Dimmable 10W LED Light

- 270 CFM fan
- Two ceiling grilles with LED lights
- Two grille housings with dampers
- Two dimmable 10W LED bulbs
- 4"x 4"x 6" Y-adapter
- Uses 4", 6" ducts
- ENERGY STAR ® qualified
- UL Listed for wet locations

PB Series
Combination Premium Bath Fans • Dual Grilles
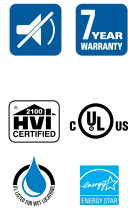
Multiple options, same great performance

Combo units include one exhaust fan with one lit and one unlit ceiling grille. A single model number provides the exact bath fan components needed for a dual location exhaust system. PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

PB 270L7V-2 Premium Bath Fan
with a Dimmable 7W LED Light
and one Vent-Only
Ceiling Grille

- 270 CFM fan
- One ceiling grille with 7W light
- One vent-only ceiling grille
- Two grille housings w/dampers
- Dimmhhhable 7W LED bulbs
- 4"x4"x6" Y-adapter
- Uses 4", 6" ducts. ENERGY STAR®
- UL Listed for wet locations

PB 270L10V-2 Premium Bath Fan
with a 10W Dimmable LED Light
and one Vent-Only
Ceiling Grille

- 270 CFM fan
- One ceiling grille with 10W light
- One vent-only ceiling grille
- Two grille housings w/dampers
- Dimmable 10W LED bulbs
- 4"x4"x6" Y-adapter
- Uses 4", 6" ducts. ENERGY STAR®
- UL Listed for wet locations

PB 270L710-2 Premium Bath Fan
with one each 7W and 10W
Dimmable LED Lights

- 270 CFM fan
- Two ceiling grilles with LED lights and dampers
- One 7W and one 10W dimmable LED bulbs
- 4"x4"x6" Y-adapter
- Uses 4", 6" ducts. ENERGY STAR® qualified
- UL Listed for wet locations

PBW Series
Exterior Mount Bath Fans

No where to exhaust a fan?

We have expanded our Premium Bath Fan selection to include a quartet of models powered by exterior mounted wall fans. An excellent alternative when space is an issue or direct venting vertically is impossible. Ideal for homes, condominiums and apartment complexes. Choose lit or unlit models. PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

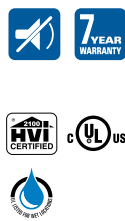### PBW 110 Exterior Wall Mount Bath Fan
with one Ceiling Grille

- 120 CFM fan
- One ceiling grille
- Grille housing with damper.
- UL Listed for wet locations.

PBW 110L7 Exterior Wall Mount Bath Fan
with a Dimmable 7W LED Light

- 120 CFM fan
- One Ceiling Grille with housing & damper
- Dimmable 7W LED bulb
- UL Listed for wet locations

PBW 110L10 Exterior Wall Mount Bath Fan
with a Dimmable 10W LED Light

- 120 CFM fan
- One Ceiling Grille with housing & damper
- Dimmable 10W LED bulb.
- UL Listed for wet locations

Selection Guide

Premium Bath Fans with Ceiling Grilles

Model	Duct size	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	Item #	Warranty
	inch	W	V / ~	cfm					inch (W)	inch (H)	lbs		
PB 110	4	21	120 / 1	110	83	5.3	Yes	-	8 3/4	6 1/2	9	40568	7
PBW 110	4	19	120 / 1	112	83	5.9	-	-	10 1/4	13	12	412256	7
PB 190	6	69	120 / 1	200	152	2.9	Yes	-	11 3/4	6	14	40571	7
PB 270-2	4/6	74	120 / 1	270	232	3.7	Yes	-	11 3/4	6	17	40572	7
PB 370-2	6	122	120 / 1	370	317	3.0	-	-	13 1/8	6 5/8	21	45433	7

Premium Bath Fans with Ceiling Grilles and LED Lights

Model	Duct size	Power @ 0.2″ P_s	Voltage / phase	0.2″ P_s	0.4″ P_s	CFM / Watt @ 0.2″ P_s	ENERGY STAR® Qualified	Lamp	Fan Dimensions		Shipping weight	Item #	Warranty
	inch	W	V / ~	cfm					inch (W)	inch (H)	lbs		Year
PB 110L7	4	23	120 / 1	110	79	4.8	Yes	7W Dimmable LED	8 3/4	6 1/2	10	44942	7
PB 110L10	4	23	120 / 1	110	79	4.8	Yes	10W Dimmable LED	8 3/4	6 1/2	10	44943	7
PBW 110L7	4	19	120 / 1	112	83	5.9	-	7W Dimmable LED	10 1/4	13	12	44949	7
PBW 110L10	4	19	120 / 1	112	83	5.9	-	10W Dimmable LED	10 1/4	13	12	44950	7
PB 270L7-2	4/6	67	120 / 1	260	229	3.9	Yes	7W Dimmable LED	11 3/4	6	18	44944	7
PB 270L10-2	4/6	67	120 / 1	260	229	3.9	Yes	10W Dimmable LED	11 3/4	6	18	44945	7
PB 270L7V-2	4/6	67	120 / 1	260	229	3.9	Yes	7W Dimmable LED	11 3/4	6	18	44946	7
PB 270L10V-2	4/6	67	120 / 1	260	229	3.9	Yes	10W Dimmable LED	11 3/4	6	18	44947	7
PB 270L710-2	4/6	67	120 / 1	260	229	3.9	Yes	7W & 10W Dim. LED	11 3/4	6	18	44948	7

Pro Series Bath Fans with Ceiling Grilles

Model	Duct size	Power @ 0.2″ P_s	Voltage / phase	0.1″ P_s	0.25″ P_s	ENERGY STAR® Qualified	HVI Qualified	cETLus Qualified	California Title 24	LED Light	Fan Dimensions		Shipping weight	Item#	Warranty
	inch	W	V / ~	cfm							inch (W)	inch (H)	lbs		Year
PRO™ 80	4	25	120 / 1	80	50	Yes	Yes	Yes	Yes	-	10 1/4	3 3/4	9	98500	3
PRO™ 100	4	30	120 / 1	100	83.6	Yes	Yes	Yes	Yes	-	10 1/4	3 3/4	9	98501	3
PRO™ 150	6	25	120 / 1	150	121	Yes	Yes	Yes	Yes	-	10 1/2	7.63	8.38	98598	3
PRO PLUS™ (80-90-110-140)	6	25	120 / 1	93-102-127-156		Yes	Yes	Yes	Yes	Yes	10 1/2	7.63	12	98506	5
PRO PLUS™-L (80-90-110-140)	6	30	120 / 1	93-102-127-156		Yes	Yes	Yes	Yes	Yes	10 1/2	3 3/4	12	98507	5
PRO™ 80 Rough-in Kit	4	25	120 / 1	80	50	Yes	Yes	Yes	Yes	-	10 1/4	3 3/4	9	98502	3
PRO™ 80 Trim Kit	4	25	120 / 1	80	50	Yes	Yes	Yes	Yes	-	10 1/4	3 3/4	9	98503	3
PRO™ 100 Rough-in Kit	4	30	120 / 1	110	83.6	Yes	Yes	Yes	Yes	-	10 1/4	3 3/4	9	98504	3
PRO™ 100 Trim Kit	4	30	120 / 1	110	83.6	Yes	Yes	Yes	Yes	-	10 1/4	3 3/4	9	98505	3

FQ Series – Quiet Ventilating Fans

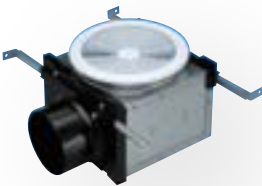| Model	Duct size	Power @ 0.2″ P_s	Voltage / phase	0.1″ P_s	0.2″ P_s	0.3″ P_s	0.4″ P_s	Lamp power (Main/Night)	ENERGY STAR® Qualified	Sones	Shipping weight	Item #	Warranty
	inch	W	V / ~	cfm				W CFL			lbs		Year
FQ80 / FQ100	4	25 / 30	120 / 1	80 / 110	68 / 100	56 /85	43 / 70	-	Yes	<0.3 / 0.7	12 / 13	483737 / 483738	5

BFRK 100 – Bathroom Fan Retrofit Kit

Model	Duct size	Rated power @ 0.2″ P_s	Voltage / phase	0.2″ P_s	0.4″ P_s	0.6″ P_s	CFM / Watt @ 0.2″ P_s	Fan Dimensions		ENERGY STAR® Qualified	Shipping weight	Item #	Warranty
	inch	W	V / ~	cfm				W (inch)	inch (H)		lbs		Year
BFRK 100	4	21	120 / 1	110	83	55	5.2	8 3/4	6 1/2	Yes	12	483737	5

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Selection Guide
Expansion Grilles • Control • Appurtenances for Ducting

PBV 4 (PBV 6)
Ceiling Grille Vent

Includes damper, four hanger bars. Fits between 2" x 6" construction. PBV 4 model for use with PB110 and PB270 Series. PBV 6 for PB 370 fan.

Housing dimensions (inch):
PBV4 (#412260)
7 3/16 x 7 3/16 x 5 5/16
PBV6 (#412261)
8 x 8 x 7 1/8

PBL 7-4
Ceiling Grille with a Dimmable 7W LED Light

Includes damper, four hanger bars and a dimmable 7W LED bulb. Fits between 2" x 6" construction. For use with PB 110L7, PB 270L7-2, PB 270L7V-2 and PB 270L7-L10-2.

Housing dimensions (inch):
PBL7-4 (#44951)
7 3/16 x 7 3/16 x 5 5/16

PBL 10-4
Ceiling Grille with a Dimmable 10W LED Light

Includes damper, four hanger bars and a dimmable 10W LED bulb. Fits between 2" x 6" construction. For use with PB 110L10, PB 270L10-2, PB 270L10V-2 and PB 270L7-L10-2.

Housing dimensions (inch):
PBL10-4 (#44952)
7 3/16 x 7 3/16 x 5 5/16

FIDT Series
Insulated Flex Duct*

Flexible round insulated duct. The insulation provides greater thermal efficiency to save energy. The product is also covered in a heavy duty, silver jacket for durability. UL listed. Available in 25-foot lengths.
FIDT 4 (#411061), 4″, 7 lbs
FIDT 6 (#411062), 6″, 9 lbs

RC Series
Roof Cap

Roof Cap with damper flap closure, duct connection and screened exhaust opening. Painted black.
RC 4P (#79955), 4″, 2 lbs
RC 6P (#79957), 6″, 3 lbs

HS Series
Louvered Shutter for Exhaust

Plastic louvered shutter with duct connection. For exhaust air only. Used with premium bathroom fans or dryer exhaust.
HS 4W (#45151), 4″, 1 lbs
HS 6W (#45153), 6″, 1 lbs

FQ-FD
Fire Radiation Damper

UL 555C classified for use in 3-hour fire rated floor/ceiling or roof/ceiling assemblies for T-bar, hanger rod/wire ceiling installation. Only for use with FQ fan models.
FQ-FD (#46975), 2 lbs

FD 60EM
Electronic Push Button Timer

Provides convenient timed bath fan control: 10, 20, 30 and 60 minutes. Fits standard single gang box. Ideal for multiple switching locations. Three panel colors. 120V / 20A.
FD 60EM (#411386), 1 lbs

NEW
IPHS5
Humidity Sensor

Humidity sensor for automatic fan control. Humidity adjustment, time-out settings and 20/40 air-cycle mode. cULus, ASHRAE 62.2, Title 24 listed. White.
IPHS5 (#156040), 1 lbs

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

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