

PRODUCT SPECIFICATION



Model		FV-30BY1		FV-30BG3	
Voltage [V]		230	240	230	240
Frequency [Hz]		50		50	
PTC Heater		✓		✓	
Adjustable Air Direction		-		✓	
Filter		Dust filter		Anti-bacteria filter	
Water-resistant Remote Control		✓		✓	
Shut-off Timer		✓		✓	
Rated Current [A]		7.0	6.7	7.2	6.9
Ventilation Air Volume [m³/h]		150	155	170	180
Power Consumption [W] (at 23°C)		1600	1620	1670	
Power Consumption [W] (at 40°C)		1470	1490	1500	
Noise [dB(A)]	Heat	45	45	46	46
	Vent	45	46	38	39
Weight [kg]		3.7		5.2	
Product Dimension [mm] (Louver excluded)		260 x 280 x 150		270 x 290 x 180	
Cut out Size [mm]		264 x 284		300 x 300	

- Power consumption and rated current are obtained in the factory default state, and the test ambient temperature is 40°C.
- Air volume, electric specification and noise value are measured when static Pressure is 0 Pa.
- Noise value is the weighted sound pressure grade A, which is the central value measured by this company, its tolerance range is from +3 to -7. The method to measure is as follows: in an anechoic chamber, measure noise value first 1m away from the left, right and beneath of the sample, then get the averaged value.

Panasonic



Bathroom Heater and Exhaust Fan

Comfort Freshness Cleanliness



Heating



Exhaust



Dry Mode



Circulation

FV-30BY1



FV-30BG3



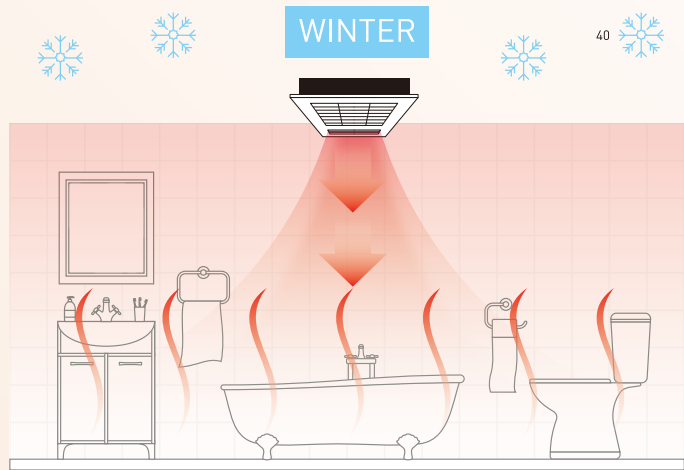
MULTIFUNCTIONAL FOR ALL SEASONS



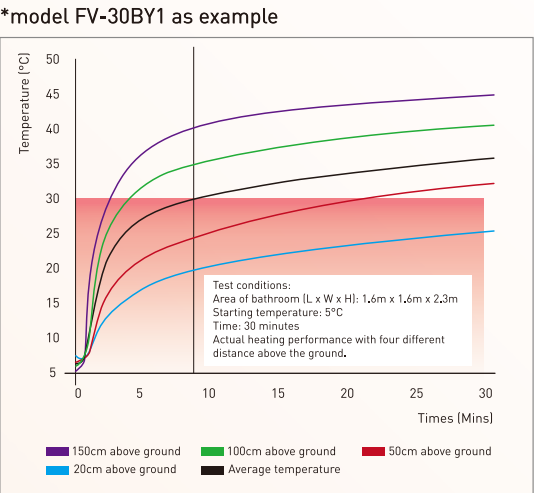
Heating

Enjoy a warm & comfortable bath

During winter, "Heat" function can be turned on to warm up the bathroom in a few minutes. It helps to keep your bath warm without being cooled down by the cold air.



Your bathroom can be warm even in a cold winter



Warm up your room to average 25°C in 8 mins

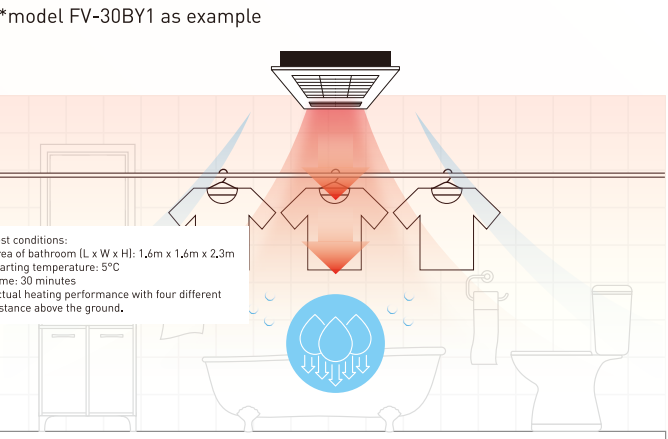


Dry Mode

Enjoy a dry bathroom all year round

The built-in "Dry Mode" cooperates both the heating and the ventilation functions simultaneously to dehumidify the moist air after a hot bath.

In the meantime, it can prevent the growth of mould, dry clothes and towels efficiently. With the timer function, it can be turned off automatically for energy saving.



Dry 3.5kg clothes in ~2 hours

Clothes Drying Performance (Dry Mode)

Model	Time for drying 3.5kg clothes*
FV-30BY1	Approximately 123 minutes
FV-30BG3	Approximately 137 minutes

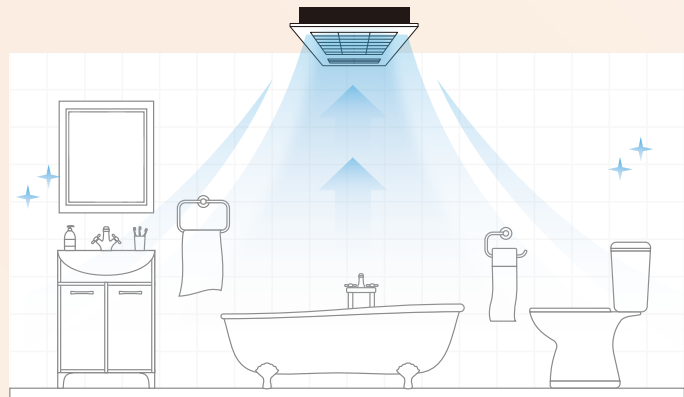
*** Test condition:**
Area of bathroom (L x W x H): 1.6m x 1.6m x 2.3m
Temperature: 20°C
Humidity: 60%
Weight of wet clothes: 3.5kg
Actual drying time varies depending on type and quality of clothes.



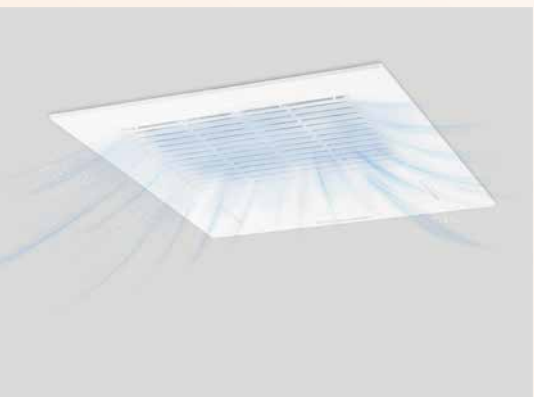
Exhaust

Keep your bathroom clean and dry

Let your bathroom be fresh and clean all-day. Panasonic Bathroom Heater and Exhaust Fan (The Heater) can exhaust uncomfortable air and odour out of the bathroom. It restricts the growth of mould, mildew and mite by removing moisture from bathroom during bath.



24-hour continuous ventilation



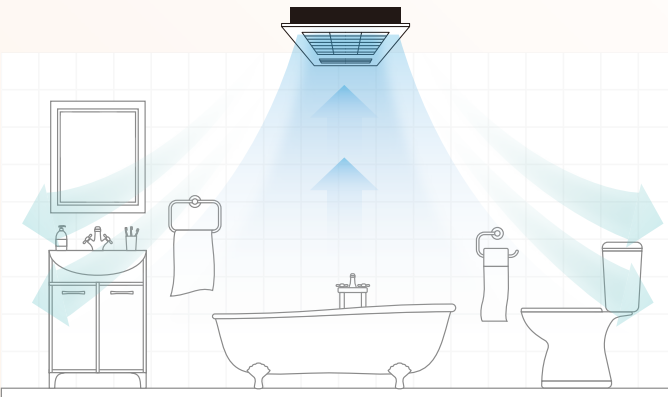
Moisture and odour are being exhausted out of the bathroom



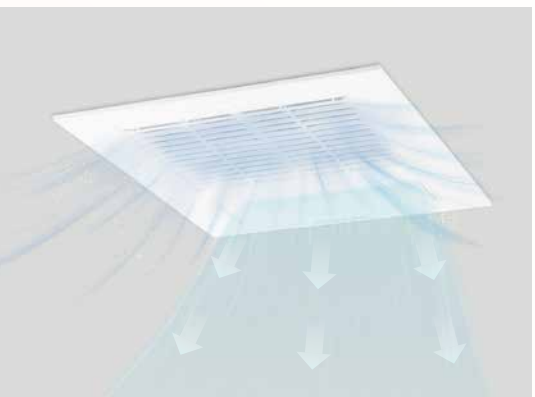
Circulation

Feel the breeze in the bathroom

The Heater can operate as a low-noise electric fan without generating heat to circulate the bathroom air and deliver a cool feeling.



Provide flow of air by circulation



Besides ventilation mode, Dry Cool function is also available to further enhance air circulation

OTHER BENEFITS



Convenient

Space Saving

The Heater functions as an integrated product mounted at the ceiling, without occupying the living space.

Trouble Free

The Heater is safely wired and mounted at the ceiling that avoids the exposure of wires and cords, and keeps a safe distance away from users.

Low Maintenance

The Heater adopts PTC materials, which has long lifetime and rarely needs replacement. It is unbreakable and safe.



Modern Design

Low Noise Level

The one-motor-one-blade design effectively lowers the noise generated, providing a quiet bathing experience.

Attractive

White louver can match any interior of your bathroom perfectly.

Stylish

Thin and streamline outlook of louver provides a high-end image to your bathroom.



INNOVATIVE AND RELIABLE

Scan to watch installation guideline video:



Model: FV-30BG3



Model: FV-30BY1



Heater Protective louver

Safety is enhanced with the use of highly flame-retardant plastic.



Certified Waterproof Test

The main body of The Heater passes IPX2 Water Resistance Test. Reliable and safe to use.



Temperature-control Material

With the use of PTC material, The Heater's temperature can be controlled at below 237°C.



Thermal Cut-off

Power supply will cut off automatically when temperature of The Heater exceeds the threshold.



BENEFITS OF PTC HEATER

Unlike some traditional bathroom heaters, The Heater adopts PTC materials instead of halogen lamp. It eliminates the risk of injury caused by burns or lamp breakage. Moreover, PTC Heater is able to bring a more comfortable experience as the heat emitted can reach the floor level in the bathroom. It can warm up the whole room while halogen lamp can only emit its heat to its nearby area.

	PTC Heater	Traditional Halogen Lamp
Use of lamp/glass	X	✓
Risk of burns/injury	Low	Moderate
Risk of eye damage	Low	Moderate
Illustration of Heat Coverage Comparison ※ The test room size is 1.6m × 1.6 m × 2.3 m	 Emit heat throughout the room from ceiling to floor.	 Emitted heat stays close to the ceiling.

EASY INSTALLATION

The installation method of the The Heater is designed to be user-friendly, featuring with measures that prevent the The Heater from dropping off from the ceiling.



Work gloves



Slotted-head screwdriver



Electric cross screwdriver



Drywall saw



Safety glasses



Tape measure



HVAC tape



Wire stripper

Requires only 8 tools to be installed by a licensed professional.

FV-30BY1

- PTC Heater
- Flame-retardant material used around The Heater
- Intelligent shut off function
- Dust filter equipped
- Wireless RF Remote Control



Wireless RF Remote Control

With the slim and magnetic design, the remote control can be easily hung on the wall or carried around. The RF wireless technology enables the remote control nearby The Heater to operates without having it directionally pointing towards The Heater's body.

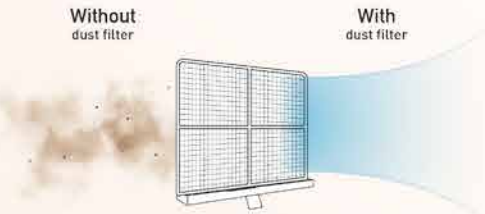
Intelligent Design

The remote control is water resistant and safe to use. All functions can be controlled by timer to avoid any unnecessary trouble and energy waste.



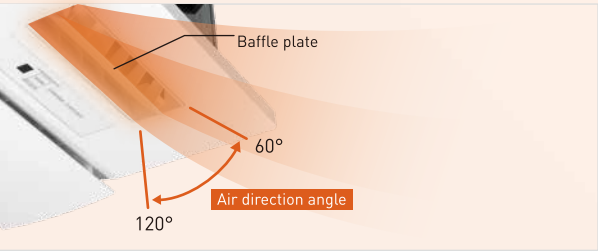
Dust Filter

Equipped with a dust filter, which can efficiently filter dust particles and prevent them from entering the body of The Heater. This can maintain the product efficiency, as well as reducing the risk of getting fire.



FV-30BG3

Adjustable Air Direction



Change the baffle plate angle as desired. At "Auto Mode", the baffle plate swings continuously, while user can select preferred angle between 60 to 120 at "Manual Mode".



Anti-bacterial Filter

The Heater is equipped with an anti-bacterial filter, which can aid inhibiting bacteria. The filter can also maintain the product efficiency.



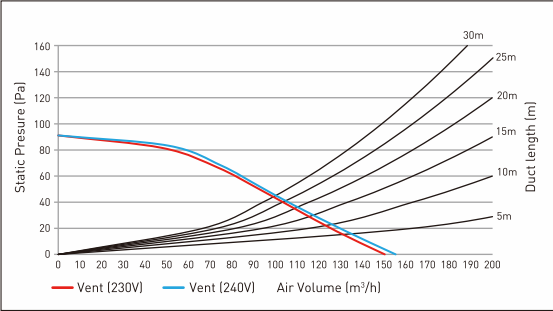
- According to the time of usage, the antibacterial efficiency may relatively decrease.

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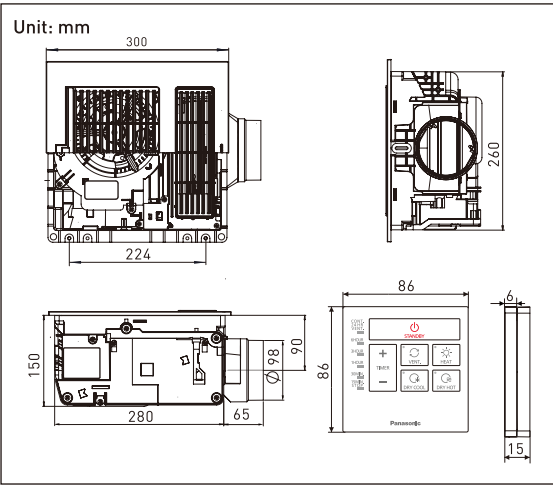
FV-30BY1



Ventilation P-Q Curve



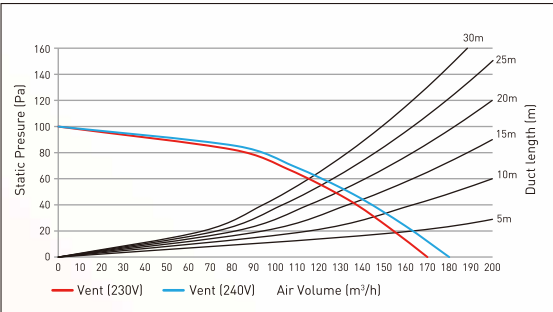
Dimension



FV-30BG3



Ventilation P-Q Curve



Dimension

