



PRODUCT RECOMMENDATIONS



PANASONIC FANS

Fan Only (no light) Models

	Installation	Fan Type	Fan Speed	Fan Model Number & Link	Additional Required Parts
Panasonic WhisperGreen 50-110	Ceiling Mount – (top floor with attic above)	Continuous Flow	50-110	FV-05-11VKS2	FV-MSVK1 Motion Sensor
Panasonic WhisperFit 80-110	Ceiling Mount – (fits in 2x6 ceiling cavity)	Regular	80-110	FV-0511VF1	(Recommend the AirCycler)
Panasonic WhisperThin	Fits in 2x4 ceiling cavity with oval ducting (not quiet)	Regular	80-100	RG-T810LA	
Panasonic WhisperGreen 110-150	Ceiling Mount – Attic or large cavity only (6" ducting)	Continuous Flow	110-150	FV-11-15VK2	FV-MSVK1 Motion Sensor + FV-VS15VK1 Speed Controller

Fan / Light Combo Models

	Installation	Fan Type	Fan Speed	Model Number	Additional Required Parts
Panasonic WhisperGreen-Lite 50-110	Ceiling Mount - (top floor with attic above)	Continuous Flow	50-110	FV-05-11VKSL2	FV-MSVK1 Motion Sensor
Panasonic WhisperFit w/Light	Ceiling Mount – Inner Floor / low height Ok	Regular	80-110	FV-0511VFL1	(Recommend the AirCycler)
Panasonic WhisperThin w/light	Fits in 2x4 ceiling cavity with oval ducting (not quiet)	Regular	80-100	RG-T810LA	(Recommend the AirCycler)
Panasonic WhisperGreen-Lite 110-150	Ceiling Mount – Attic or large cavity only.	Continuous Flow	110-150	FV-11-15VKL2	FV-MSVK1 Motion Sensor + FV-VS15VK1 Speed Controller

WHISPER GREEN:

The WhisperGreen fan is designed to provide quiet, continuous exhaust ventilation throughout the day. It runs continuously at a low speed and ramps up to full speed when the bathroom is occupied. When purchasing a WhisperGreen, you must also purchase the Motion Sensor unit (see the right side column in the chart above).

INSTALL NOTES:

- The WhisperGreen fan is designed for installation in the top floor of a home (due to the height of the unit). Sometimes it can fit in a regular ceiling cavity if there is sufficient space. If you're looking to install a Panasonic fan in a lower level or are concerned about space, use the WhisperFit (WhisperRenovation) series.
- These fans are designed to be installed without a switch. Have your electrician hardwire the fan and install a blank cover plate where the switch used to be located. If the fan is a fan/light combination, the switch should be wired to only affect the light. The fan should be wired to always receive power.
- Make sure the fan is ducted through the attic all the way to the exterior. If the ducting is disconnected in the attic, major mold growth may result.
- Use insulated flex ducting to connect the fan to the collared roof vent. Uninsulated ducting may lead to condensation and dripping through the fan unit. Use 4" ducting and roof vents for 50-110cfm, 6" for 110-150 cfm.
- Occasionally, your new fan will be smaller than the existing fan. While rare, if this happens, you'll have to perform minor sheetrock repair to cover up the gap.

SAFETY NOTES!

- Upgrading your bathroom exhaust fans can cause backdrafting of combustion appliances (gas water heater, furnace, etc.) if these appliances are located in the heated portion of the home. If they are located in the garage, it is not an issue. This occurs when the negative pressure created by the exhaust fans becomes excessive and air is pulled backward through the exhaust ducts for the combustion appliances. In certain situations this can bring carbon monoxide into the home. Typically this occurs when all exhaust fans are running at the same time (i.e. bathroom fans, plus kitchen range hood). Clothes dryers also contribute to substantial negative air pressure.

The problem can be solved by installing a make-up air port. These are small (1-2") diameter ports that are installed in the exterior wall – typically in the laundry room where the dryer and water heater are located. This relieves the negative pressure load on the house by allowing air to be pulled in via the ports rather than the combustion appliances exhaust ducts.

PRODUCT: AIR CYCLER SMART EXHAUST

The Air Cyclor takes an ordinary bath fan and turns it into an effective whole house ventilation unit. It accomplishes this by turning on your fan intermittently throughout the day to achieve a desired ventilation rate. The unit can also be activated when the bathroom is used for moisture generating activities such as showering.

Primary application:

You have a high quality existing fan/light combo but your home requires additional ventilation. This product is designed for bathrooms with a fan and light currently operated by a single switch. When the bathroom is used (and light is turned on) the fan is activated as well. After the light switch is turned off, the fan remains on for a specified period of time.



Secondary application:

You have a high quality existing fan without an integrated light (bathroom contains a separate light on a separate switch). The SmartExhaust can still operate in this configuration. However, the users must manually switch the fan on and off each time they use the bathroom.

More information:

[AirCycler](#) [Installation & User's Guide](#)

Purchasing information:

[Conservation Mart – Toggle version](#)

[Conservation Mart – Decora version](#)

