



**VENTING  
AND  
AIR QUALITY**

# Ventilation Fan / Light Combo for Owner's Baths

## Panasonic WhisperGreen Fan FV 08VKSL1 - Switch Control



### Description

While all of Panasonic's bathroom fans are energy efficient and quiet, this WhisperGreen fan will provide low-speed continuous ventilation as well as high speed exhaust. Turn the switch on and the fan runs at high speed. Turn the switch off and the fan will run continuously at low speed.

Because it can be hard to determine what the impact of ductwork will have on a fan's performance, the SmartFlow Optimum cfm Technology in this fan compensates for static pressure, so that when the fan senses static pressure the speed is automatically increased to ensure that the desired 80 cfm rate of exhaust is achieved.

Continuous ventilation is provided by the CustomVent™ Variable Speed Control that allows the fan to run continuously at a pre-set lower level of 30-70 CFMs, helping insure good indoor air quality. When the wall switch controlling the fan is turned off the integrated delay timer in the fan will then return the fan from high speed (80 cfm) to the pre-set lower cfm level (from 30 seconds to 60 minutes). Both the preferred low cfm setting and the period of delay may be set by the user.

Like other Panasonic fans, this fan also has a built-in backdraft damper, enclosed condenser motor rated for continuous operation, rust proof paint on a galvanized steel housing, and is designed for relatively easy installation.

- **Electrical Specifications:** 120 volts AC, 60Hz, 0.03 to 0.08 amps, 14 watts
- **Maximum Airflow:** 80 cfm (for bathrooms up to 640 cu. ft.)
- **Loudness:** 0.3 sone
- **Duct:** 4 inch
- **Grill Size:** 13 inches
- **Mounting Opening:** 10 7/8 inches
- **Dimensions:** 13 inches square x 7 7/8 inches deep
- **Approvals:** UL Listed for use in a tub/shower with GFCI branch circuit wiring
- **Energy Star Rated:** Yes

# Ventilation Fan / Light Combo for Secondary Baths

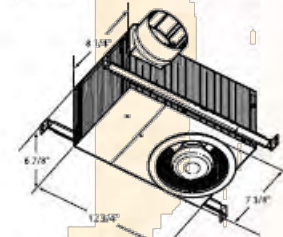
## Presenting the recessed fan light from Broan.

Recessed lights are popular lighting solutions. But Broan took it a step further by incorporating powerful ventilation in the same design. Our new fan lights disappear into the ceiling with other recessed lights, so they are practical decorating solutions for any room in the house. In the bath they control humidity, and in a utility room, kitchen, media room or high-traffic family room they keep the air fresh and comfortable.



- High efficiency centrifugal fan delivers 70 CFM at 1.5 sones
- Trim matched to designs of major recessed light manufacturers
- Multiple units can easily be used in larger rooms
- All models are UL Listed for use over bathtubs or showers when connected to a GFCI protected branch circuit. Model 744 also requires a PAR30L or PAR30LN type bulb.
- 6-7/8" high housing appropriate for new construction and 2" x 8" ceiling joists
- 4" round duct connector
- Not for use over cooking surfaces
- Optional wall control switches available
- Type IC, sealed housing

Model 744 & 744FL



# Standard Carbon Monoxide / Smoke Detector

**One Carbon Monoxide / Smoke Detector Combination Unit Installed On Each Floor.  
Individual Smoke Detectors Are Installed Per Code.**



**Combination Unit Hard-Wired with Battery Back-Up**

# Optional Humidifier

(Available In Heating Zones Outside of Attic)

**Aprilaire®**  
Fresh Ideas for Indoor Air



## Model 600

**Want the perfect humidity level for any season? Take a look at the Model 600.**

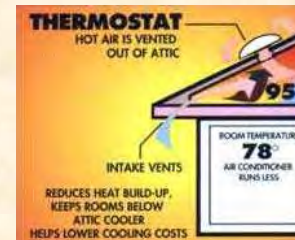
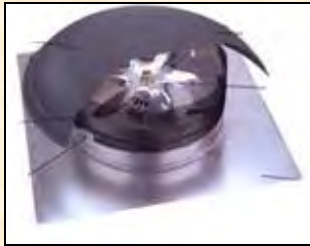
The Aprilaire Model 600 Whole-House Humidifier features truly automatic control, plus a built-in bypass damper, which means fewer parts to install. The bypass damper is conveniently labeled for both summer and winter settings, allowing you to set it for the entire season with no guesswork involved. The Aprilaire Model 600 Whole-House Humidifier is simply the best performing bypass humidifier on the market.

The Aprilaire Model 600 Whole-House Humidifier:  
Features the same performance benefits of other Aprilaire Humidifiers  
Delivers up to 50% more moisture in comparison to competitive units  
Has an evaporation capacity of 0.70 gallons per hour  
Humidifies tightly-constructed homes up to 4,000 square feet in size

# Optional Attic Ventilation Fans

## Why Use Attic Ventilation Fans?

As a homeowner, taking care of your home not only helps preserve its value, it also can save money. One of a house's most forgotten and neglected areas is the attic. A poorly ventilated attic fosters conditions that can increase your heating and cooling costs, as well as accelerate the deterioration of roof structures.



## Maintaining Attic Temperatures

The main purpose for roof ventilation is to have temperatures on the outside and inside of roof materials as close as possible. This also includes the reduction of moisture buildup.

## How Attic Ventilation Works

Most homes have static ventilation devices that may include ridge vent gable openings and small static vents. The upper roof vents combined with adequate soffit vents provide airflow in evening and non-sun conditions.

## Benefits of Attic Ventilation Fans

Power ventilation (use of motorized fan systems) during the heat of the day reduces the pressure (heat) buildup and in fact, creates a slight negative pressure that allows soffit vents to work effectively.