

## WhisperFit® DC Ventilation Fans and Fan/Lights



### WhisperFit® DC VENTILATION FAN



#### HEALTHY AIR, HEALTHY HOME

True Flow ratings at **0.375"** static pressure provide powerful airflow to assure code compliant, healthy homes.

Fan Only Model: FV-0511VF1

Fan / Condensation Model: FV-0511VFC1

Fan / Dimmable LED & Nightlight: FV-0511VFL1

Fan / Dimmable LED With Adjustable Color Temperatures: FV-0511VFL1K

- Revolutionary ECM motor with SmartFlow™ Technology ensures optimal CFM output
- Built-in Pick-A-Flow™ airflow selector allows you to select your required airflow of 50, 80, or 110 CFM with a simple flip of a switch
- Condensation Sensor model (FV-0511VFC1) provides hands-free operation and automatic moisture control
- Lighted model incorporates one 10W dimmable LED chip panel with <1W LED night light for warm, long-life energy efficient illumination (night light must be wired separately)
- Adjustable Color Temperature model (FV-0511VFL1K) features three color temperatures of 3000K, 4000K, and 5000K which allows homeowners to match the light setting in the room
- Single-hinged Flex-Z Fast® bracket provides flexible, fast and easy installation
- Can be used to comply with ASHRAE 62.2, LEED, IAP and California Title 24

#### ADDITIONAL BENEFITS

- Plastic standard 4" adapter with backdraft damper/shutter allows for better air tightness.
- Slide and snap-in junction box and duct collar provide even greater installation flexibility
- Pre-installed alignment guides help guide adaptor assembly into place during installation for a tight precision fit
- Temporary clip molded into casing holds fan in place while installer fastens fan to can safely
- Built-in metal flange provides blocking for penetrations through drywall as an Air Barrier, and assists with the decrease in leakage in the Building Envelope during blower door testing
- UL listed for tub/shower enclosure when GFCI protected and UL listed for use with the Panasonic Ceiling Radiation Damper (model # PC-RD05C5)
- 6-year warranty ECM motor, 3-year warranty on parts, 5 year on LED chip panel



## The ideal retrofit solution, premium low profile design and flexible, fast installation

WhisperFit® DC is the perfect solution for any remodeler looking to quickly and easily replace an existing fan from below the ceiling. This fan enables you to utilize existing duct, while its low profile housing design ensures a proper fit in any ceiling with at least 5 5/8" depth. The single-hinged Flex-Z Fast® bracket provides flexible, fast and easy installation for easy positioning through a ceiling cavity. The slide and snap-in junction box and duct collar provide greater flexibility when wiring and attaching the duct and this premium fan now includes pre-installed plastic alignment guides and temporary retaining clip. These clips molded into the casting will allow the fan to stay in place while the installer fastens the fan into can. Once installed, use the Pick-A-Flow™ airflow selector to customize the airflow to meet your customers' needs. All of these great features combined make WhisperFit® DC a fast and easy to install ENERGY STAR® retrofit fan.

### With WhisperFit® DC, installation is as **Easy as 1-2-3!**

#### **Step 1:** Single-Hinged Flex-Z Fast® bracket installed with existing 3" duct and wiring



Single-Hinged Flex-Z Fast® Installation Bracket



Existing 3" Duct and wiring

#### **Step 2:** Fan can be installed with motor in a 2 x 6 joist using the existing duct and included 4" to 3" duct adapter



#### **Step 3:** Fan is installed and ready to go!



## Superior Installed Performance with True Flow ratings at 0.375" w.g.

ASHRAE, ENERGY STAR®, LEED for Homes, and HVI have set the industry standard for performance measurement at 0.1" and 0.25" w.g. WhisperFit DC fans provide powerful CFM airflow at 0.375" w.g. that is more representative of most installations. Sones have also been certified at 0.25 w.g. to provide a more realistic, installed value.

## LED Lighting

Includes a 10 Watt dimmable LED chip panel/3000 Kelvin Warm White/90CRI/700 lumens/70 LPW/ENERGY STAR® 2.0 certified/JA-8 compliant for CA Title 24/50,000 hours rated average life / <1W LED night light.



## LED Lighting - Adjustable Color Temperature

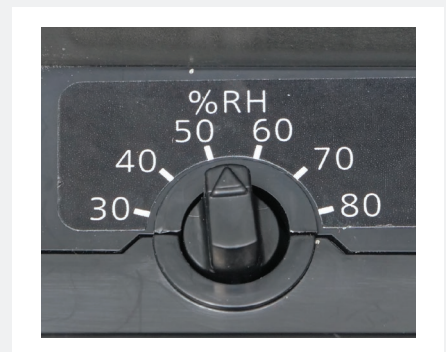
Model (FV-0511VFL1K) (Fan/LED with Adjustable Color Temperatures) combines energy efficient LED lighting with colorful room ambiance options of your choice. A switch under the grille lets occupants choose from three different LED color temperatures to match your décor in the room:

- Cool White 5000K
- Bright White 4000K
- Warm White 3000K



## Onboard Condensation Sensor

To help you meet stricter ventilation codes and indoor air quality standards, our optional model (FV-0511VFC1) (Fan/Condensation Sensor) includes onboard humidity sensing that delivers effective moisture control and healthy indoor air. Advanced sensor technology detects relative humidity and temperature to anticipate dew point, automatically turning the fan on to control moisture.



## Built-in 20-Minute Delay Auto Timer

The onboard delay timer runs the fan for 20 minutes when power is first turned on. After 20 minutes the fan turns off automatically unless moisture level is above the trigger point or the red wire circuit is closed. When the fan senses moisture levels above the trigger point or if the moisture level rises suddenly (from a hot shower for example), the fan automatically turns on. When the moisture level is 5% below the trigger setting, the 20-minute timer starts again.