

**ARCHITECTURAL SPECIFICATIONS**  
**PANASONIC ADVANCED VENTILATION SOLUTIONS**



**FV-0511VQCL1 WhisperSense® DC™ – 50-80-110 CFM Fan/LED Light, Ceiling Mount, Single Speed**

Ventilation fan/light shall be UL and cUL listed for ceiling mount and tub/shower enclosure when GFCI protected. Fan/light shall also be ENERGY STAR® certified, with a built-in speed selector. Choose from 50-80-110 CFM and no more than  $<0.3/<0.3/<0.4$  sone as certified by the Home Ventilating Institute (HVI) at 0.1 static pressure in inches water gauge (w.g.) with no less than 50-80-110 CFM and no more than 0.4/0.6/0.9 sone as certified by HVI at 0.25 w.g. Power Consumption shall be no greater than 3.9/6.0/10.9 watts at 0.1 w.g. and 7.1/11.0/16.1 watts at 0.25 w.g., with efficiency of no less than 14.1/13.7/10.3 CFM/watt at 0.1 w.g. and 7.8/7.7/7.0 CFM/watt at 0.25 w.g. The motor shall be totally enclosed with a brushless ECM motor engineered to run continuously. ECM motor speed shall automatically increase when the fan senses static pressure to maintain selected CFM. Power rating shall be 120V/60Hz. Duct diameter shall be no less than 4", inclusive of an integrated dual 4" or 6" duct adapter. Dual motion and humidity sensors with adjustable delay off timer that can be set from 30 seconds to 60 minutes. Humidity sensor is the rapid rise in relative humidity (RH) type with user-adjusted set points between ~30% to ~80% RH. Fan/light shall be UL and cUL listed for tub/shower enclosure when GFCI protected. Lamp shall be of the LED dimmable type and be no less than (1) 10W, ENERGY STAR® 2.0 certified, JA-8 compliant for CA Title 24, LED chip panel that maintains 50,000 hours rated average life and incorporates a <1W LED night light. Fan/Light shall be used to comply with ASHRAE 62.2, LEED, ENERGY STAR® IAP, EarthCraft, California Title-24, WA Ventilation Code and CALGreen.