# **Panasonic**



# WhisperFresh® Select Fresh Air Supply Fan



FV-15NLFS1H



#### **KEY FEATURES**

- Upgraded Junction box on hardwired models has 2 convenient knockouts for routing power
- Customizable fresh air supply fan featuring Pick-A-Flow® technology one fan, you choose the CFM (50-60-70-80-90-100-110-130-150 in CFM; 9 settings)
- Intelligent ECM motor with SmartFlow™ technology provides optimum CFM output for precision whole-house supply ventilation
- Operates as a stand-alone filtered supply fresh air solution to meet ASHRAE
   62.2 requirements for make-up/ supply air
- Capable of communicating with Panasonic's acclaimed WhisperGreen® Select to create a balanced ventilation solution
- Incorporates adjustable high humidity and low temperature dials for easy adjustments in any climate zone
- Pressure ports for airflow verification
- Built-in Plug 'n play module port with smart home capability
- HVI tested and certified with a MERV 13 filter (FV-FL1315NL1)
- MERV 13 filter included. MERV 8 and MERV 13 replacements available
- Can be used to comply with ASHRAE 62.2, LEED and CA Title 24

#### **ADDITIONAL BENEFITS**

- Can be used in conjunction with SelectCycler System® to create a wired, measurable balanced ventilation solution
- Can be used as a re-circulation filtration device in the home
- Can be used to create slight positive pressure within the home instead of using a Central HVAC
- Excellent fresh air solution in combination with ductless HVAC solutions
- Designed for use in conjunction with furnace blower in Combustion Appliance Zone (CAZ) depressurization situations
- Easy installation in new construction or retrofit homes





Specifications																Whis	perFre	esh Se	elect 6'	" Duct													
																FV	-15NL	FS1H	/ MERV	13													
	Static Pressure in inches w.g.	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3 0.4
	Static Pressure in inches w.g.  Air Volume (CFM) 1  Power Consumption (watts) 2  Energy Efficiency (CFM/Watt) 5.  Speed (RPM) 13  Current (amps) 0.  MAX. Current (amps)  Power Rating (V/Hz)  Motor Type  Type of Motor Bearing  Thermal Fuse Protection  Blower Wheel Type  ENERGY STAR Qualified  Duct Diameter (Inches)  Power Cord Included  Gross Weight (lbs)  UL tub/Shower Enclosure  Washington VIAQ Code  Wall installation  California Title 24 Compliant	150	150	130	140	140	130	130	129	130	120	118	116	110	110	109	100	100	100	90	88	90	80	80	80	70	69	70	60	60	60	50	50 50
	Power Consumption (watts)	27.3	32.0	-	24.8	29.0	-	22.6	25.0	-	19.4	23.0	-	16.7	20.0	-	15.3	18.0	21.0	13.5	15.0	19.0	12.4	14.0	17.0	10.0	13.0	15.0	9.3	11.0	14.0	8.2	10.0 12.0
Characteristics (HVI tested data for 0.1" S.P.)	Energy Efficiency (CFM/Watt)	5.49	-	-	5.65	-	-	5.75	-	-	6.19	-	-	6.59	-	-	6.54	-	-	6.67	-	-	6.45	-	-	7.00	-	-	6.45	-	-	6.10	
	Speed (RPM)	1314	-	-	1265	-	-	1235	-	-	1201	-	-	1152	-	-	1121	-	-	1086	-	-	1067	-	-	1033	-	-	1012	-	-	989	
	Current (amps)	0.41	0.46	-	0.26	0.42	-	0.33	0.38	-	0.29	0.34	-	0.25	0.31	-	0.23	0.28	0.32	0.20	0.25	0.29	0.18	0.22	0.26	0.16	0.21	0.24	0.15	0.18	0.22	0.13	0.16 0.21
	MAX. Current (amps)		0.46																														
	Power Rating (V/Hz)		120/60																														
Specifications  Installation	Motor Type		ECM																														
	Type of Motor Bearing		Ball																														
	Thermal Fuse Protection	N/A (Electronically-Protected Limited)																															
	Blower Wheel Type	Sirocco																															
	ENERGY STAR Qualified		Yes															·															
	Duct Diameter (Inches)		6"																														
	Power Cord Included	Hardwired Configuration																															
Shipping	Gross Weight (lbs)		17.4 [7.9kg]																														
Approved Code/Standard/Regulation	UL tub/Shower Enclosure																	N/A															
	Washington VIAQ Code																	Yes															·
	Wall installation																	No															
	California Title 24 Compliant																	Yes															
	Mfg in ISO 9001 Certified Facility																	Yes															
	RoHS Compliant																	Yes															

HVI-Certified performance with MERV 13 filter installed.

#### **Features and Controls**



#### Wi-Fi Module (WP100PBA)

Enables two-way wireless communication between ventilation products. Easily connect, monitor and control the fan's features (ie. motion sensor, light, etc.) with the Swidget™ app. The Wi-Fi module can operate with a standalone fan, or can be used as part of an Indoor Air Quality healthy home system.



**Reset Button** – Convenient light indicator and unobtrusive alarm signal on the access panel help inform the homeowner when it's time to check and clean the (MERV 8/MERV 13) filter. Button resets every time customer changes filter.



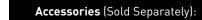
**CFM** – Can be selected for 50, 60, 70, 80, 90, 100, 110, 130, or 150 CFM (9 settings).



**Humidity Setting** – Customized fresh air supply based on humidity conditions of incoming air. Fan will automatically shut off (or not turn on) when the outside relative humidity is higher than the setting on the humidity dial (from 30% to 80% RH).



**Temperature Setting** – Customized low temperature setting will shut fan off when incoming supply air is too cold. Fan will turn off (or not turn on) when the outside temperature is lower than the setting value. (From 15°F to 40°F). Fan automatically stops operating when the incoming air is higher than 95°F.



FV-FL0815NL1: MERV 8 Replacement Filter



FV-FL1315NL1: MERV 13 Replacement Filter





### **ECM Motor with SmartFlow™ Technology**

WhisperFresh Select is designed to perform as rated. When the fan senses static pressure, its speed is automatically increased to ensure optimal CFM output. This feature provides peace of mind, as the installer doesn't have to worry about compromising the fan's performance, even with a complicated duct run.

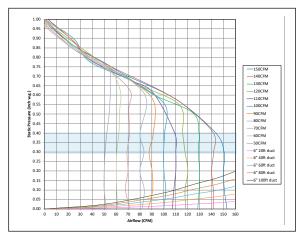


## Pick-A-Flow® Airflow Technology

Built-in Pick-A-Flow Airflow selector provides the unique ability to select your required airflow (50-150 CFM, in 10 CFM increments) with the simple turn of a dial.

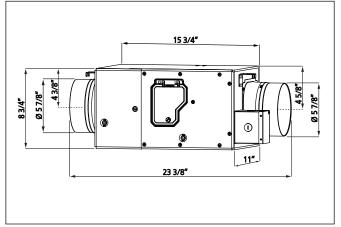


#### FV-15NLFS1H



HVI-Certified performance with MERV 13 filter installed

### FV-15NLFS1H



Dimensions



FV-15NLFS1H



