



## SELECTION OPTIONS

MODEL	DESCRIPTION	OPTIONAL CONTROLS (SELECT UP TO 3 CONTROLS)			
		MULTI-SPEED CONTROL FV-VS15VK1	MOTION SENSOR FV-MSVK1	CONDENSATION SENSOR FV-CSVK1	NIGHT LIGHT FV-NLVK1
<b>FAN FV-05-11VK1</b>	Pick-A-Flow™ Speed Selector <b>50, 80 or 110 CFM</b> fan with DC Motor, <0.3 sones. Select up to 3 Plug 'N Play™ modules. Integrated dual 4" or 6" duct adaptor.	YES	YES	YES	YES
<b>FAN FV-05-11VKS1</b>		INCLUDED*	YES	YES	YES
<b>FAN FV-11-15VK1</b>	Pick-A-Flow™ Speed Selector <b>110, 130 or 150 CFM</b> fan with DC Motor, <0.3 sones. Select up to 3 Plug 'N Play™ modules. Integrated dual 4" or 6" duct adaptor.	YES	YES	YES	YES
<b>FAN/LIGHT FV-05-11VKL1</b>	Pick-A-Flow™ Speed Selector <b>50, 80 or 110 CFM</b> fan with DC Motor, <0.3 sone, (2) replaceable, 7W ESTAR rated, GU24 base LED lamps included, Select up to 3 Plug 'N Play™ modules, integrated dual 4" or 6" duct adaptor.	YES	YES	YES	YES
<b>FAN/LIGHT FV-05-11VKSL1</b>		INCLUDED*	YES	YES	YES
<b>FAN/LIGHT FV-11-15VKL1</b>	Pick-A-Flow™ Speed Selector <b>110, 130 or 150 CFM</b> fan with DC Motor, <0.3 sone, (2) replaceable, 7W ESTAR rated, GU24 base LED lamps included, Select up to 3 Plug 'N Play™ modules. Integrated dual 4" or 6" duct adaptor.	YES	YES	YES	YES

**\*SELECT UP TO 2 ADDITIONAL CONTROLS**

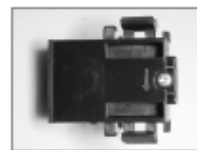
### ONE FAN - FOUR CONTROL OPTIONS



Multi-Speed with Time Delay  
(FV-VS15VK1)



SmartAction® Motion Sensor  
(FV-MSVK1)



Condensation Sensor  
(FV-CSVK1)



NiteGlo™ LED Night Light  
(FV-NLVK1)

**ENDLESS VENTILATION OPTIONS FOR VIRTUALLY EVERY IAQ SOLUTION**

## INCLUDED CONTROLS AND OPTIONS

**Pick-A-Flow™ Speed Selector and SmartFlow™ Technology INSTALLED PERFORMANCE** - The Pick-A-Flow Speed Selector allows you to select one of 3 CFM operating ranges for the fan. Models starting with FV-05-11 have 50, 80 and 110 CFM settings and models starting with FV-11-15 have 110, 130 and 150 CFM settings. All fans have Panasonic's revolutionary DC Motor with SmartFlow™ Technology that senses static pressure and automatically increases the motor speed to produce the selected CFM at .25" w.g. **INSTALLED PERFORMANCE.**

**Flex-Z-Fast™ Installation System** - Articulating joints allow the bracket to be easily folded and expanded for fast and easy installation on new construction or to fit through an existing hole on renovation projects.

## CONTROL OPTIONS

**Multi-Speed Control with Time Delay - FV-VS15VK1** - This module provides settings to meet ASHRAE 62.2, ENERGY STAR™ and personal comfort requirements. The **Multi Speed Control** allows the fan to operate in continuous mode from 0 or 30~100 CFM in 10 CFM increments for models FV-05-11VK1 & FV-05-11VKL1 and 0 or 50~120 CFM in 10 cfm increments for models FV-11-15VK1 & FV-11-15VKL1. The **Time Delay** is activated when the fan is switched on by a wall switch or other Panasonic control. It is adjustable from 0~60 minutes and allows the fan to boost up to the selected Pick-A-Flow™ CFM for the time period set by the user and then the fan returns to the selected High/Low Speed Control setting for continuous mode.

**Motion Sensor - FV-MSVK1** - SmartAction® Motion Sensor Module: automatically activates the fan when motion is detected in the room. When used with VK-VS15VK1 the fan boosts to the set speed when motion is detected and then returns back to the preset continuous operation settings when motion is no longer detected. This module also activates a 20 minute delay off timer for the fan.

**Condensation Sensor - FV-CSVK1** - Condensation Sensor Module's advanced technology detects relative humidity and dew point turning the fan on to ensure proper humidity control. Built-In Relative Humidity (RH) adjustment enables fine tuning for moist conditions. When used with VK-VS15VK1, the fan boosts to the set speed when the fan is switched on or when condensation is detected and then returns back to the preset operation when switched off and condensation returns to normal. This module also activates a 20 minute delay off timer for the fan.

**Night Light - FV-NLVK1** - NiteGlo™ LED Night Light: photocell automatically turns on a 1W LED night light when darkness is sensed in the room, includes High/Low brightness switch. This module also activates a 20 minute delay off timer for the fan.

**Note:** The FV-MSVK1 and FV-CSVK1 are not normally installed together. However, if they are, either control will operate the fan as noted in the specifications for the specific control.

