

Ventilation Fans



Panasonic ideas for life



Why is ventilation necessary?

Today's homes are designed and built to improve energy efficiency. However, these airtight homes may actually cause health problems due to the build-up of pollutants and uncirculated stale air. What do they need? Mechanical ventilation!

Mechanical ventilation is used to remove stale, moist polluted air and replace it with fresh outside air. Two widely used methods in today's building industry are continuous and intermittent ventilation.

Continuous Ventilation

Sometimes referred to as general, central, whole-house or primary ventilation, continuous ventilation is used to remove stale air and provide fresh air on a slow continuous basis. A well-designed airtight home can generally use low volume continuous ventilation.

Intermittent Ventilation

Sometimes referred to as spot, local or secondary ventilation, intermittent ventilation is used to capture and remove pollutants quickly at the source. Pockets of excessive moisture and pollutants can build up in the bathroom, kitchen, laundry, utility room and home office. This secondary process serves to exhaust these problem areas quickly, before bad air can spread throughout the home. Both systems exhaust pollutants from the air, but intermittent ventilation is more effective in concentrated areas.

Ideally, an airtight home designed with both continuous and intermittent ventilation will contribute to a healthy and comfortable living environment for the entire family.

High-performance ventilation solutions

At Panasonic, improving indoor air quality (IAQ) is important to us. The idea of delivering a breath of fresh air to our customers is consistent with a simple mission statement eloquently articulated by our founder nearly a century ago: Panasonic serves society with high-quality products that make peoples' everyday lives more healthy, productive and enjoyable. This guiding principle continues to drive everything we do and is what we call **"ideas for life."**

We design and build all of our fans to ensure we provide products of the highest quality. Our ventilation fans combine super quiet operation with low energy consumption and long service life. They remove excess moisture that could otherwise damage your business or home's structure and they clear airborne pollutants and odours from the air making it healthier and more pleasant to breathe. Contractors, builders, architects and homeowners rely on us for our quality and for the wide array of solutions we offer—from bathroom fans with both motion and humidity sensors to remote in-line fans.

Fan Benefits

Powerful & Quiet — Fully enclosed DC and AC condenser motors assure remarkable performance and quiet operation at .25 w.g.

Long Life — Permanently lubricated motors are designed for trouble-free, continuous operation.

Easy Installation — Detachable duct adapters, adjustable mounting brackets, fan/motor units that easily detach from the housing and uncomplicated wiring all lend to user-friendly installation. Double hanger bar systems allow for ideal positioning.

Energy Savings — For high energy efficiency, input wattage readings are among the lowest in the industry.

Fresh air driven by fresh ideas. Breathe new life into your environment with Panasonic Ventilation.

Advanced Ventilation Solutions

Pg. 6-7

WhisperGreen® • WhisperGreen-Lite™

Featuring built-in intelligence and designed for whole home or spot ventilation, these fans provide superior performance and quiet operation.



Pg. 8-9

NEW! Single Speed WhisperGreen® • WhisperGreen-Lite™

Unique SmartFlow™ technology allows the fan to perform as rated, regardless of static pressure – providing superior performance and quiet operation.



Pg. 10-11

WhisperSense™ • WhisperSense-Lite™

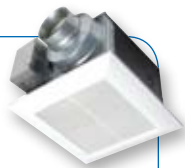
Exclusive dual sensor technology reacts to both motion and humidity, automatically turning the fan on when needed.



Pg. 12-13

WhisperCeiling™ • WhisperLite™

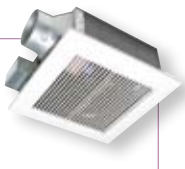
This generation of fans are designed to be quieter and more energy efficient than ever.



Pg. 14-15

WhisperFit™ • WhisperFit-Lite™

With a housing depth of just 5-5/8", these compact fans minimize space requirements making them ideal for that renovation project.



Pg. 16-17

WhisperValue® • WhisperValue-Lite™

Incredibly slim ventilation fans for any application, including wall. The housing depth is just 3-3/4" so space requirements and installation time are minimized.



Pg. 18

WhisperWarm™

Add 'warmth' to your bathroom with this ventilation fan and heater combo. It's quiet and warms up quickly. Also available in a lighted version with a 4-Watt night-light.



Pg. 19

WhisperWall™

This through-the-wall fan requires no duct work when installed on an outside wall. It's easy to install and super quiet. The advanced motor design ensures long life and is energy efficient.



Pg. 20-21

NEW! WhisperRecessed™

The design solution for a bathroom fan/light combination. This quiet energy efficient ventilation fan is hidden above the ceiling.



Pg. 22-23

WhisperLine™

Remote mounted in-line ventilation fans for single or multiple inlets.



Pg. 24

Designer Grilles

Customize your fan to blend in or enhance your home's décor with our optional designer grille assortment.

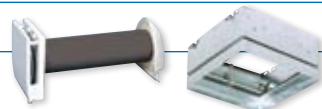


Pg. 25

Accessories

Passive inlet draws outside air into your home to balance air pressure.

In case of fire, the radiation damper automatically closes to help prevent the spread of fire and heat.



WhisperGreen®
VENTILATION FAN

WhisperGreen-Lite™
VENTILATION FAN



FV-08VKM3



FV-08VKML3



WhisperGreen-Lite includes:
1 Panasonic 32-Watt CFL with electronic ballast plus 4-Watt night-light

Built-in Controls with Motion Sensor

FV-08VKM3	80/0 CFM	4" or 6" Duct
FV-13VKM3	130/0 CFM	6" Duct

Built-in Controls

FV-08VKS3	80/0 CFM	4" or 6" Duct
FV-13VKS3	130/0 CFM	6" Duct

Built-in Controls with Motion Sensor

FV-08VKML3	80/0 CFM	4" or 6" Duct
FV-13VKML3	130/0 CFM	6" Duct

Built-in Controls

FV-08VKSL3	80/0 CFM	4" or 6" Duct
FV-13VKSL3	130/0 CFM	6" Duct

- **Built-in intelligence allows these fans to perform as rated**
- Detachable dual 4" or 6" diameter duct adaptor on 80 CFM models
- Remarkable performance and quiet operation at .25" w.g.
- Super energy efficient DC motor
- SmartFlow™ technology for optimal CFM output
- SmartAction® motion sensor (FV-08VKM3, FV-08VKML3, FV-13VKM3 & FV-13VKML3)
- Variable speed control with high/low delay timer
- ENERGY STAR® qualified fan and light fixture
- Fully enclosed motor for long life — rated for 60,000-hours continuous run

- Easy installation (double hanger bar system)
- Rustproof paint treatment on galvanized housing
- Built-in damper to prevent backdraft
- Fits in 2 x 8 construction
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes, and ENERGY STAR® compliant
- 6-year warranty on DC motor and 3-year warranty on parts
- Optional designer grille and radiation damper available for select WhisperGreen models (See page 24-25 for details)

Complete Specifications on pages 26-27

WhisperGreen®
VENTILATION FAN

WhisperGreen-Lite™
VENTILATION FAN



FV-08VK3



FV-08VKL3



WhisperGreen-Lite includes:
1 Panasonic 32-Watt CFL with electronic ballast plus 4-Watt night-light

FV-05VK3	50 CFM	4" or 6" Duct
FV-08VK3	80 CFM	4" or 6" Duct
FV-11VK3	110 CFM	4" or 6" Duct

FV-08VKL3	80 CFM	4" or 6" Duct
FV-11VKL3	110 CFM	4" or 6" Duct

■ **Built-in intelligence allows these fans to perform as rated**

- Detachable dual 4" or 6" diameter duct adaptor
- Remarkable performance and quiet operation at .25" w.g.
- Super energy efficient DC motor
- SmartFlow™ technology for optimal CFM output
- ENERGY STAR® qualified fan and light fixture
- Fully enclosed motor for long life — rated for 60,000-hours continuous run
- Easy installation (double hanger bar system)
- Rustproof paint treatment on galvanized housing
- Built-in damper to prevent backdraft

- Fits in 2 x 8 construction
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes, and ENERGY STAR® compliant
- 6-year warranty on DC motor and 3-year warranty on parts
- Optional designer grille and radiation damper available for select WhisperGreen Single Speed models (See page 24-25 for details)

Complete Specifications on pages 26-27

WhisperSense™
VENTILATION FAN

WhisperSense-Lite™
VENTILATION FAN



FV-08VQC5



FV-08VQCL5



WhisperSense-Lite includes:
1 Panasonic 32-Watt CFL with
electronic ballast plus 4-Watt night-light

FV-08VQC5 80 CFM 4" or 6" Duct
FV-11VQC5 110 CFM 4" or 6" Duct

FV-08VQCL5 80 CFM 4" or 6" Duct
FV-11VQCL5 110 CFM 4" or 6" Duct

■ **Dual motion and humidity sensors with versatile functionality:**

Motion on / Motion off

Motion on / Humidity off

Humidity on / Humidity off

■ **Adjustable delay timer:**

from 30-seconds to 60-minutes

■ **Variable humidity controls:**

from 30 - 80% RH

■ **Built-in sensors, timers and controls**

- Detachable dual 4" or 6" diameter duct adaptor
- Remarkable performance and quiet operation at .25 w.g.
- ENERGY STAR® qualified fan and light fixture
- Fully enclosed condenser motor for long life — rated for 30,000-hours continuous run
- Easy Installation (double hanger bar system)
- Rust-proof paint treatment on galvanized housing
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Built-in damper to prevent backdraft
- Fits in 2 x 8 construction
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- 3-year warranty
- Optional radiation damper available for select WhisperSense models (See page 25 for details)

Complete Specifications on pages 28-29

WhisperCeiling™
VENTILATION FAN

WhisperLite™
VENTILATION FAN



FV-08VQ5



FV-08VQL5



WhisperLite includes:
1 Panasonic 32-Watt CFL
with electronic ballast plus
4-Watt night-light

FV-05VQ5 50 CFM 4" or 6" Duct

FV-08VQ5 80 CFM 4" or 6" Duct

FV-11VQ5 110 CFM 4" or 6" Duct

FV-15VQ5 150 CFM 6" Duct

FV-20VQ3 190 CFM 6" Duct

FV-30VQ3 290 CFM 6" Duct

FV-40VQ3 380 CFM 6" Duct

FV-08VQL5 80 CFM 4" or 6" Duct

FV-11VQL5 110 CFM 4" or 6" Duct

FV-15VQL5 150 CFM 6" Duct

■ **Detachable dual 4" or 6" diameter duct adaptor on 50-110 CFM models**

- Remarkable performance and quiet operation at .25" w.g.
- ENERGY STAR® qualified fan and light fixture
- Contemporary flush-mount grille for WhisperLite models
- Fully enclosed condenser motor for long life —rated for 30,000-hours continuous run
- Easy installation (double hanger bar system)
- Rustproof paint treatment on galvanized housing
- Built-in damper to prevent backdraft

- Fits 2 x 8 construction
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- 3-year warranty
- Optional designer grille and radiation damper available for select WhisperCeiling models (See pages 24-25 for details)

Complete Specifications on pages 28-29

WhisperFit™
VENTILATION FAN

WhisperFit-Lite™
VENTILATION FAN



FV-08VF2



FV-08VFL3



4" to 3"
Adapter
included



WhisperFit-Lite includes:
2 Panasonic 18-Watt CFL with electronic
ballast plus a 4-Watt night-light

FV-05VF2	50 CFM	4" or 3" Duct
FV-08VF2	80 CFM	4" or 3" Duct
FV-11VF2	110 CFM	4" or 3" Duct

FV-05VFL3	50 CFM	4" or 3" Duct
FV-08VFL3	80 CFM	4" or 3" Duct
FV-11VFL3	110 CFM	4" or 3" Duct

- Low profile housing design – ideal for remodeling
- Remarkable performance and quiet operation at .25" w.g.
- ENERGY STAR® qualified fan and light fixture
- Fits in 2 x 6 and 2 x 8 construction
- Fully enclosed condenser motor for long life —rated for 30,000-hours continuous run
- Easy installation (double hanger bar system)
- Rust-proof paint treatment on galvanized housing
- Built-in damper to prevent backdraft

- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- 3-year warranty
- Optional designer grille and radiation damper available for select WhisperFit models (See pages 24-25 for details)

WhisperValue®
VENTILATION FAN

WhisperValue-Lite™
VENTILATION FAN



FV-08VS1



FV-08VSL2



WhisperValue-Lite includes:
2 Panasonic 18-Watt CFL
with electronic ballast plus a
4-Watt night-light

FV-05VS1 50 CFM 4" Oval Duct
FV-08VS1 80 CFM 4" Oval Duct
FV-10VS1 100 CFM 4" Oval Duct

FV-08VSL2 80 CFM 4" Oval Duct
FV-10VSL2 100 CFM 4" Oval Duct

- Super low profile housing design
- Remarkable performance and quiet operation at .25" w.g.
- Fits in 2 x 4, 2 x 6, and 2 x 8 construction
- ENERGY STAR® qualified fan and light fixture
- cUL listed for wall and ceiling installations (WhisperValue only)
- Fully enclosed condenser motor for long life —rated for 30,000-hours continuous run
- Thermal fuse protection
- Easy installation (double hanger bar system)

- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- Built-in damper to prevent backdraft
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- 3-year warranty
- Optional radiation damper available for select WhisperValue models (See page 25 for details)

Complete Specifications on page 30-31

WhisperWarm™
VENTILATION FAN



FV-11VHL2



FV-11VHL2 includes:
2 Panasonic 18-Watt CFL
with electronic ballast plus
a 4-Watt night-light

FV-11VH2 110 CFM 4" Duct

FV-11VHL2 110 CFM 4" Duct

- Remarkable performance and quiet operation at .25" w.g.
- Fully enclosed condenser motor for long life —rated for 30,000-hours continuous run
- Easy installation (double hanger bar system)
- Rustproof paint treatment on galvanized housing
- Built-in damper to prevent backdraft
- Fits in 2 x 8 construction
- Thermal fuse protection on motor and 3-level safety device for heater
- 1400-Watt steel sheathed heater element
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- 3-year warranty

WhisperWall™
VENTILATION FAN



FV-08WQ1



Exterior Hood included

FV-08WQ1 70 CFM

- Remarkable performance and quiet operation at .25" w.g.
- ENERGY STAR® qualified
- Fully enclosed condenser motor for long life —rated for 30,000-hours continuous run
- Easy installation
- Rustproof paint treatment on galvanized housing
- Built-in damper to prevent backdraft
- Contemporary grille design
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- 10" galvanized sleeve and steel exterior hood included
- Painted white
- Spring damper
- Foam seal to reduce backdraft
- 3-year warranty

Complete Specifications on pages 30-31

WhisperRecessed™
VENTILATION FAN



CAN YOU SPOT THE FAN?

Revolutionary WhisperRecessed is putting the spotlight on design. Featuring a powerful 80 CFM fan hidden behind an elegant recessed light, WhisperRecessed is the industry's only ENERGY STAR® qualified recessed fan/light.*

*As of October 16, 2012 Energy Star listing.

- Detachable dual 4" or 6" diameter duct adaptor
- Powerful performance and super quiet operation
- ENERGY STAR® qualified fan and light fixture
- Fully enclosed AC motor for long life – rated for 30,000-hours continuous run
- Easy installation (double hanger bar system)
- Rustproof paint treatment on galvanized housing
- Built-in damper to prevent backdraft
- Beautiful lighting with 6-1/2" aperture and advanced luminaire design



INCLUDED: One 18-Watt GU24 Spiral CFL/2700 Kelvin/84 CRI/1380 Lumens each/ENERGY STAR® qualified/10,000 hours rated average life/equivalent to 75-Watt incandescent lamp/integral electronic ballast for flicker-free operation.

FV-08VRL1 80 CFM 4" or 6" Duct

- Adjustable lamp position and deeper lamp regression for reduced glare
- cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant
- 3-year warranty

Complete Specifications on pages 32-33

WhisperLine™
VENTILATION FAN



FV-10NLF1



FV-10NLF1 120 CFM 4" Duct

FV-20NLF1 240 CFM 6" Duct

FV-30NLF1 340 CFM 6" Duct

FV-40NLF1 440 CFM 8" Duct

Housing:

- Galvanized steel for long life
- Insulated housing to prevent condensation and noise
- Tapered duct adapter for easy connection

Motor:

- Super quiet/energy efficient
- Fully enclosed condenser motor for long life — rated for continuous run

Safety:

- Motor equipped with thermal cut-off fuse

Easy Installation:

- 5 positions for installation
- Joist or truss attachment brackets included
- Suspension brackets included

Grille:

- Low profile design
- Adjustable airflow for multi-inlet balance
- 3-year warranty
- ASHRAE 62.2, LEED for Homes and ENERGY STAR® compliant



FV-20NLF1



FV-30NLF1



FV-40NLF1



Single Inlet Kit



Double Inlet Kit

Complete Specifications on pages 32-33



FV-GL3TDA

FV-GL3TDB

Designer Grille Features:

- Easy and affordable to change
- Change your grille to fit your room decor without compromising the performance and quality of the unit
- **Applicable Models**

WhisperGreen: FV-05VK3, FV-08VK3, FV-08VKS3, FV-11VK3, FV-13VKS3

WhisperCeiling: FV-05VQ5, FV-08VQ5, FV-11VQ5, FV-15VQ5

WhisperFit: FV-05VF2, FV-08VF2, FV-11VF2

Characteristics		
	FV-GL3TDA	FV-GL3TDB
Grille Size Square (inches/mm)	13/330	14-1/5 /361
Shipping Gross Weight (lbs/kg)	1.1/0.5	1.3/0.6
Trend Style Category	Traditional	Traditional
Material	ABS	ABS
cUL Approved ¹	Yes	Yes
HVI Certified ¹	Yes	Yes
Mfg. in ISO 9001 Certified Facility	Yes	Yes
RoHs Compliant	Yes	Yes

¹ Approved with Applicable Models



In case of fire, the radiation damper closes to help prevent the spread of fire and heat.

PC-RD05C4

Radiation Damper Features:

- cUL classification for use in 1, 2 or 3 hour fire-rated floor/ceiling and roof/ceiling designs
- Compatible with 50-150 CFM fans, fans with motion sensor and select fan/lights
- Galvanized steel frame with 165° F fusible link
- High temperature, non-asbestos, reinforced fiber thermal fabric

Fan Model approved for:	
Damper Model PC-RD05C4	WhisperGreen, WhisperGreen-Lite, WhisperCeiling 50-150 CFM, WhisperLite, WhisperSense, WhisperSenseLite, WhisperFit, WhisperValue

CLASSIFIED



PASSIVE INLET VENT

Panasonic passive inlet provides make-up air to help balance indoor vs. outdoor air pressure.



FV-GKF32S1

Passive Inlet Vent Features:

- Sturdy open/close lever
- 2 position air delivery
- Foam pad reduces outdoor noise and condensation
- Insulation lining to prevent condensation

	Passive Inlet	FV-GKF32S1
Specifications	Air Volume Positions	2
	CFM Settings	12 & 18
Features	Open/Close Louver Setting	Yes
	Washable Air Filter	Yes
	Bug Screen	Yes
	3" x 12" (76 x 305 mm) Sleeve Included	Yes
	Body	ABS & PP
Installation	Wall Opening (diameter)	3"/76mm
	Installation Screw Included	Yes

WhisperGreen™ Multi-Speed
VENTILATION FAN

WhisperGreen	FV-08VKS3 FV-08VKM3												FV-13VKS3 FV-13VKM3											
Static pressure in inches w. g.	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	79	70	75	60	59	50	54	40	39	30	32	130	135	110	111	90	93	70	71	50	53		
Noise (sones)	<0.3	0.4	<0.3	0.4	<0.3	0.3	<0.3	0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.7	<0.3	0.6	<0.3	0.6	<0.3	0.4	<0.3	<0.3		
Power Consumption (Watts)	7.0	11.0	5.4	10.1	5.0	8.7	4.3	7.5	3.7	6.6	3.2	5.8	11.6	21.1	8.7	15.1	6.0	12.1	4.1	9.6	2.4	5.8		
Energy Efficiency (CFMs/Watt)	12.1	7.6	13.3	7.7	13.6	7.7	12.4	7.7	12.8	7.1	11.4	6.7	11.2	6.4	12.5	7.3	15.2	7.8	18.7	7.9	23.3	10.0		
ENERGY STAR® Qualified	Yes												Yes											
Duct Diameter - inches (mm)	4 or 6 (102 or 152)												6 (152)											
Housing Dimensions (LxWxH) - inches (mm)	10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)												10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)											
Grille Size - in² (mm)	13 (330)												13 (330)											

WhisperGreen-Lite™ Multi-Speed
VENTILATION FAN

WhisperGreen-Lite	FV-08VKS3 FV-08VKML3												FV-13VKS3 FV-13VKML3											
Static pressure in inches w. g.	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	79	70	78	60	60	50	52	40	42	30	35	130	137	110	115	90	91	70	69	50	57		
Noise (sones)	<0.3	0.6	<0.3	0.6	<0.3	0.5	<0.3	0.5	<0.3	0.5	<0.3	0.5	0.8	1.3	0.6	1.2	0.3	1.1	<0.3	0.9	<0.3	0.8		
Power Consumption (Watts)	7.4	12.4	6.0	11.6	5.3	9.0	4.2	7.8	3.8	6.7	3.5	6.2	14.2	24.2	10.7	19.4	7.8	14.9	5.9	10.5	4.1	8.5		
Energy Efficiency (CFMs/Watt)	11.2	6.6	11.9	6.8	12.1	7.2	12.5	7.0	11.1	6.6	8.8	5.8	9.0	5.5	10.1	5.8	11.5	6.1	12.0	6.7	12.3	6.7		
ENERGY STAR® Qualified	Yes												Yes											
Duct Diameter - inches (mm)	4 or 6 (102 or 152)												6 (152)											
Housing Dimensions (LxWxH) - inches (mm)	10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)												10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)											
Grille Size - in² (mm)	13 (330)												13 (330)											

WhisperGreen™ Single-Speed
VENTILATION FAN

WhisperGreen	FV-05VK3		FV-08VK3		FV-11VK3	
Static pressure in inches w. g.	0.1		0.25		0.1	
Air Volume (CFM)	50		54		110	
Noise (sones)	<0.3		0.3		0.3	
Power Consumption (Watts)	4.3		7.5		11.5	
Energy Efficiency (CFMs/Watt)	12.4		7.7		9.7	
ENERGY STAR® Qualified	Yes		Yes		Yes	
Duct Diameter - inches (mm)	4 or 6 (102 or 152)		4 or 6 (102 or 152)		4 or 6 (102 or 152)	
Housing Dimensions (LxWxH) - inches (mm)	10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)		10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)		10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)	
Grille Size - in² (mm)	13 (330)		13 (330)		13 (330)	

WhisperGreen-Lite™ Single-Speed
VENTILATION FAN

WhisperGreen-Lite	FV-08VKL3		FV-11VKL3	
Static pressure in inches w. g.	0.1		0.1	
Air Volume (CFM)	80		110	
Noise (sones)	<0.3		0.7	
Power Consumption (Watts)	7.4		12.5	
Energy Efficiency (CFMs/Watt)	11.2		8.9	
ENERGY STAR® Qualified	Yes		Yes	
Duct Diameter - inches (mm)	4 or 6 (102 or 152)		4 or 6 (102 or 152)	
Housing Dimensions (LxWxH) - inches (mm)	10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)		10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)	
Grille Size - in² (mm)	13 (330)		13 (330)	

WhisperSense™
VENTILATION FAN

	FV-08VQC5		FV-11VQC5	
Static Pressure in inches w.g.	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	59	110	91
Noise (sones)	<0.3	<0.3	0.3	0.5
Power Consumption (Watts)	15.8	15.6	24.3	24.2
Energy Efficiency (CFM/Watt)	5.1	3.9	4.6	3.9
ENERGY STAR® Qualified	Yes			
Duct Diameter-inches (mm)	4 or 6 (102 or 152)			
Housing Dimensions (LxWxH)-inches (mm)	10-1/4 x 10-1/4 x 7-1/2 (260 x 260 x 191)			
Grille Size-Square inches (mm)	13 (330)			

WhisperSense-Lite™
VENTILATION FAN

	FV-08VQCL5		FV-11VQCL5	
Static Pressure in inches w.g.	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	62	110	89
Noise (sones)	<0.3	0.4	0.7	0.7
Power Consumption (Watts)	17.5	17.6	26.0	25.7
Energy Efficiency (CFM/Watt)	4.7	3.6	4.3	3.5
ENERGY STAR® Qualified	Yes			
Duct Diameter-inches (mm)	4 or 6 (102 or 152)			
Housing Dimensions (LxWxH)-inches (mm)	10-1/4 x 10-1/4 x 7-1/2 (260 x 260 x 191)			
Grille Size-Square inches (mm)	13 (330)			

WhisperCeiling™
VENTILATION FAN

	FV-05VQ5		FV-08VQ5		FV-11VQ5		FV-15VQ5		FV-20VQ3		FV-30VQ3		FV-40VQ3	
Static pressure in inches w. g.	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	50	36	80	62	110	91	150	127	190	144	290	257	380	348
Noise (sones)	<0.3	0.4	<0.3	0.4	<0.3	0.5	<0.3	0.5	0.8	1.4	2.0	N/A	3.0	N/A
Power Consumption (Watts)	11.1	11.7	14.7	14.5	21.1	20.7	28.4	27.3	43.7	42.9	63.6	62.4	112	110
Energy Efficiency (CFMs/Watt)	4.7	3.2	5.8	4.5	5.3	4.5	5.3	4.7	4.5	3.4	4.6	4.1	3.4	3.1
ENERGY STAR® Qualified	Yes													
Duct Diameter-inches (mm)	4 or 6 (102 or 152)		4 or 6 (102 or 152)		4 or 6 (102 or 152)		6 (152)		6 (152)		6 (152)		6 (152)	
Housing Dimensions (LxWxH) -inches (mm)	10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)								12-9/32 x 12-3/16 x 9-9/32 (312 x 310 x 236)				14-25/32 x 14-23/32 x 9-9/32 (375 x 374 x 236)	
Grille Size-Square inches (mm)	13 (330)		13 (330)		13 (330)		13 (330)		15 (381)		15 (381)		17-11/16 (449)	

WhisperLite™
VENTILATION FAN

	FV-08VQL5		FV-11VQL5		FV-15VQL5	
Static pressure in inches w. g.	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	62	110	90	150	128
Noise (sones)	<0.3	0.4	0.5	0.6	0.9	1.0
Power Consumption (Watts)	14.9	14.7	23.4	23.0	31.8	30.9
Energy Efficiency (CFMs/Watt)	5.5	4.3	4.7	3.9	4.8	4.2
ENERGY STAR® Qualified	Yes					
Duct Diameter-inches (mm)	4 or 6 (102 or 152)		4 or 6 (102 or 152)		6 (152)	
Housing Dimensions (LxWxH)-inches (mm)	10-1/4 x 10-1/4 x 7-2/5 (260 x 260 x 188)					
Grille Size-Square inches (mm)	13 (330)		13 (330)		13 (330)	

WhisperFit™
VENTILATION FAN

	FV-05VF2				FV-08VF2				FV-11VF2			
	4" Duct		3" Duct		4" Duct		3" Duct		4" Duct		3" Duct	
Static pressure in inches w. g.	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	50	30	50	31	80	60	70	53	110	94	90	78
Noise (sones)	0.4	0.9	0.5	1.1	0.8	1.0	0.8	1.1	1.5	1.5	1.5	2.0
Power Consumption (Watts)	15.0	14.7	15.0	14.8	24.5	24.3	24.2	24.0	33.5	33.2	33.8	33.5
Energy Efficiency (CFMs/Watt)	3.3	2.0	3.3	2.1	3.3	2.5	2.9	2.2	3.3	2.8	2.7	2.3
ENERGY STAR® Qualified	Yes				Yes				Yes¹			
Duct Diameter -inches (mm)	4 / 3 (102 / 76)											
Housing Dimensions (LxWxH)-inches (mm)	10-1/4 x 10-1/4 x 5-5/8 (260 x 260 x 143)											
Grille Size -Square inches (mm)	13 (330)											

¹ ENERGY STAR® qualified when installed with a 4" duct.

WhisperFit-Lite™
VENTILATION FAN

FV-05VFL3				FV-08VFL3				FV-11VFL3			
4" Duct		3" Duct		4" Duct		3" Duct		4" Duct		3" Duct	
0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
50	35	50	35	80	67	70	60	110	96	90	78
<0.3	0.4	<0.3	0.5	0.5	0.8	0.5	0.8	1.3	1.5	1.5	2.0
15.9	15.8	15.9	15.8	28.8	28.6	28.4	28.0	33.0	32.6	32.5	32.1
3.5	2.5	3.1	2.2	2.8	2.4	2.6	2.3	3.3	2.9	2.9	2.6
Yes				Yes				Yes¹			
4 / 3 (102 / 76)											
10-1/4 x 10-1/4 x 5-5/8 (260 x 260 x 143)											
13 (330)											

WhisperValue®
VENTILATION FAN

	FV-05VS1		FV-08VS1		FV-10VS1	
Static pressure in inches w. g.	0.1	0.25	0.1	0.25	0.1	0.25
Air Volume (CFM)	50	37	80	71	100	90
Noise (sones)	0.4	1.0	1.3	1.5	1.5	1.5
Power Consumption (Watts)	15.8	15.3	27.4	27.6	36.4	36.1
Energy Efficiency (CFMs/Watt)	3.2	2.4	3.4	2.8	2.9	2.7
ENERGY STAR® Qualified	Yes					
Duct Diameter-inches (mm)	4 (102) Oval					
Housing Dimensions (LxWxH)-inches (mm)	10-1/4 x 10-1/4 x 3-3/4 (260 x 260 x 95)					
Grille Size-Square inches (mm)	13 (330)					

WhisperValue-Lite™
VENTILATION FAN

	FV-08VSL2		FV-10VSL2	
Static pressure in inches w. g.	0.1	0.25	0.1	0.25
Air Volume (CFM)	80	67	100	90
Noise (sones)	1.3	1.5	1.5	2.5
Power Consumption (Watts)	24.6	25.0	36.6	36.3
Energy Efficiency (CFMs/Watt)	3.3	2.7	2.7	2.5
ENERGY STAR® Qualified	Yes			
Duct Diameter-inches (mm)	4 (102) Oval			
Housing Dimensions (LxWxH)-inches (mm)	10-1/4 x 10-1/4 x 3-3/4 (260 x 260 x 95)			
Grille Size-Square inches (mm)	13 (330)			

WhisperWarm™
VENTILATION FAN

	FV-11VH2		FV-11VHL2	
Static pressure in inches w. g.	0.1	0.25	0.1	0.25
Air Volume (CFM)	110	89	110	89
Noise (sones)	0.6	1.1	0.7	1.0
Power Consumption (Watts)	30.7	30.5	30.6	30.5
Energy Efficiency (CFMs/Watt)	3.6	2.9	3.6	2.9
Duct Diameter-inches (mm)	4 (102)	4 (102)	4 (102)	4 (102)
Housing Dimensions (LxWxH)-inches (mm)	16 x 11-1/2 x 7-3/4 (406 x 292 x 197)		16 x 11-1/2 x 7-3/4 (406 x 292 x 197)	
Grille Size-Square inches (mm)	18-1/8 x 13-5/16 (460 x 338)		18-1/8 x 14-1/8 (460 x 359)	

WhisperWall™
VENTILATION FAN

	FV-08WQ1
Static pressure in inches w. g.	0.03
Air Volume (CFM)	70
Noise (sones)	1.1
Power Consumption (Watts)	18
Energy Efficiency (CFMs/Watt)	3.9
ENERGY STAR® Qualified	Yes
Duct Diameter-inches (mm)	8 (203)
Opening Dimension-Square inches (mm)	8-1/2 (216)
Grille Size-Square inches (mm)	10-1/4 (260)

WhisperRecessed™

VENTILATION FAN

WhisperRecessed	FV-08VRL1	
Static pressure in inches w. g.	0.1	0.25
Air Volume (CFM)	80	66
Noise (sones)	0.8	0.7
Power Consumption (Watts)	20.5	19.5
Energy Efficiency (CFMs/Watt)	4.0	3.4
ENERGY STAR® Qualified	Yes	
Duct Diameter-inches (mm)	4 or 6 (102 or 152)	
Housing Dimension- (LxWxH) inches (mm)	12-3/4 x 8-1/4 x 7-1/2 (324 x 210 x 191)	
Grille Size-Square inches (mm)	7-1/4 (184)	



WhisperLine™

VENTILATION FAN

WhisperLine	FV-10NLF1			FV-20NLF1			FV-30NLF1			FV-40NLF1		
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
Air Volume (CFM)	120	105	82	240	225	200	340	322	302	440	425	408
Power Consumption (Watts)	36.2	35	33.5	57	55	53.2	98.2	96.4	94.9	132	128	122
Energy Efficiency (CFMs/Watt)	3.3			4.2			3.5			3.3		
ENERGY STAR® Qualified	Yes						Yes					
Duct Diameter-inches (mm)	4 (102)			6 (152)			6 (152)			8 (203)		
Opening Dimension-inches (mm)	N/A						N/A					
Grille Size-Square inches (mm)	9-1/2 (241)						9-1/2 (241)					

WhisperLine Installation Kits

Item	Model No.	Description	Inlet Grille	Backdraft Damper	Clamp	Y-Adaptor
Accessory Kit	FV-NLF04G	4" (102mm) Inlet Grille	1-4" (102mm)	-	-	-
	FV-NLF06G	6" (152mm) Inlet Grille	1-6" (152mm)	-	-	-
	PC-NLF04S	4" (102mm) Single Inlet Kit	1-4" (102mm)	1-4" (102mm)	6	-
	PC-NLF06S	6" (152mm) Single Inlet Kit	1-6" (152mm)	1-6" (152mm)	6	-
	PC-NLF04D	4" (102mm) Double Inlet Kit	2-4" (102mm)	2-4" (102mm)	12	1 (4"-4"x2) 1(102mm x 102mm x 2)
	PC-NLF06D	6" (152mm) Double Inlet Kit	2-6" (152mm)	2-6" (152mm)	12	1 (6"-6"x2) 1(152mm x 152mm x 2)
	PC-NLF64D	6" (152mm) - 4" (102mm) Double Inlet Kit	2-4" (102mm)	2-4" (102mm)	12	1 (6"-4"x2) 1(152mm x 102mm x 2)
Y-Adaptor	PC-NLF86Y	8" (203mm) - 6" (152mm) Y-Adaptor	-	-	-	1 (8"-6"x2) 1(203mm x 152mm x 2)

To ensure quiet operation of ENERGY STAR® qualified in-line and remote fans, each fan should be installed using sound attenuation techniques appropriate for the installation. For bathroom and general ventilation applications, at least 8 feet of insulated flexible duct must be installed between the exhaust or supply grille(s) and the fan.



Panasonic Ventilation

Certified & Code Compliant

Panasonic ventilation fans are certified by the Home Ventilating Institute (HVI) and ENERGY STAR® qualified, where guidelines exist. All models also comply with ASHRAE 62.2, the ventilation standard required by LEED for Homes and other building programs.

Powerful & Quiet

Fully enclosed DC and AC condenser motors assure remarkable performance and quiet operation at industry standard.

Long Life

Permanently lubricated motors are engineered for trouble-free, continuous operation for 60,000 hours on DC motors and 30,000 hours on AC motors, along with rust-proof paint and galvanized housing.

Easy Installation

Detachable duct adapters, adjustable mounting brackets (up to 24" o.c.), fan/motor units that easily detach from the housing and uncomplicated wiring all lend to user-friendly installation. Ceiling mount models also feature double-hanger bar systems allowing for ideal positioning.

Energy Savings

For high energy efficiency, input wattage readings are among the lowest in the industry.

Safety

WhisperGreen models are protected by UL Class 2 Power Unit while all other models are equipped with thermal fuse protection. With the exception of the heater fans, all models are cUL listed for tub/shower enclosure when used with a GFCI branch circuit wire.

Fan Benefits

Design

Feature contemporary grille designs.

Airflow

A built-in damper in all ceiling-mounted models prevents backdraft.

Illumination

ENERGY STAR® rated compact fluorescent lamps with 10,000 hours of rated life and a 4-Watt night light are available on select models.

Green Manufacturing

All fan only models are RoHS Approved.

Warranty

6 Year warranty on DC motor and 3 Year warranty on all other models and parts.

Always consult your local building codes for the ventilation requirements in your area.

Green Building is the practice of increasing energy efficiency while promoting economic health for people and the environment. Effective green building can reduce operating costs through less energy consumption; improve occupant health by enhancing indoor air quality and lessening the impact on the environment.

Panasonic ideas for life

Ventilation Fans

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Dealer address:



Design and specifications subject to change without notice. VFSJ 2012-11

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