Window Mount Type Ventilating Fan Model Comparison

Model No.	Voltage [V]	[Hz]	Air Volume [m³/h]	[CFM]	Consumption [W]	Noise [dB(A)]	Weight [kg]	Installation Space [mm]
Electric Shutter Series								
FV-15WH3T	220	50	230	135	13	43	1.4	Ø186 - Ø188
	230	50	230	135	14	43		
	240	50	230	135	15	43		
FV-20WH3T	220	50	445	262	20	42	2.6	Ø247 - Ø250
	230	50	445	262	21	42		
	240	50	445	262	22	42		
Automatic Shutter Series								
FV-15WA1	220	50	210	124	14	43	0.9	Ø186 - Ø188
		60	222	131	18	44		
	230	50	222	131	15	44		
	240	50	228	134	16	44		
FV-15WAT2	220	50	210	124	14	43		
FV-20WA1	220	50	380	224	15	42	1.4	Ø247 - Ø250
	230	50	390	230	16	42.5		
	240	50	402	237	17.5	43		
FV-20WAT2	220	50	380	224	15	42		
Cord-operated Shutter Series								
FV-15WU4	220	50	210	124	8.1	35	0.9	Ø186 - Ø188
		60	200	118	8.9	34		
	230	50	220	129	8.8	36		
	240	50	230	135	9.5	37		
FV-15WUT4	220	50	210	124	8.1	35		
FV-20WU4	220	50	360	212	16.4	32	1.1	Ø247 - Ø250
		60	360	212	19	31		
	230	50	380	224	17.9	34		
	240	50	400	235	19.5	36		
FV-20WUT4	220	50	360	212	19	32		

Note :
1. The value of power consumption, air volume and noise are specified at static pressure of 0 Pa
2. The value of air volume is the mean value measured by our company.
3. The value of noise level is the average of three values measured at 1m apart from left, right and front of product.
4. The value of noise level is A weight average sound pressure level measured by our company.

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- Actual colors may vary slightly from shown.
- Specifications are subject to change without prior notice.

CATALOG NO: P-VF023A1
02.2023

Panasonic

WINDOW MOUNT TYPE

VENTILATING FAN

FEATURES OF ELECTRIC SHUTTER SERIES

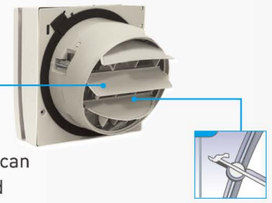
Rain proof and wind resistible

Hood structure for prevention of rain water ingression

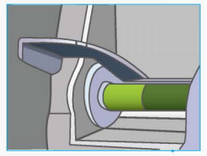
High static pressure blade can prevent ingression of rain and wind during operation

Newly designed shutter can keep out the entry of rain water effectively

Bent End Structure of the shutter can block the backflow of outside wind

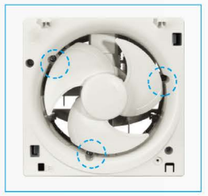


Easy installation



Mounting Bracket

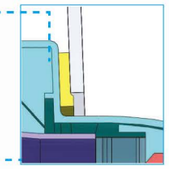
Unique design of mounting bracket can fix the fan on glass plate with simple process



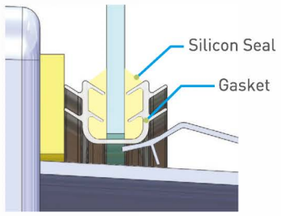
e.g. FV-15WH3T
Orifice is not necessary to detach for installation.
Simply fix the fan on glass plate by screws at front.

Packing
No Gasket / No Silicon Seal

Attached packing is tightly close to the glass plate that gets rid of water leakage to indoor



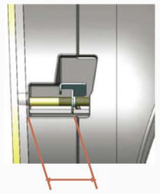
Pervious Setting Method



Both gasket & silicon seal are not required for FV-15WH3T/FV-20WH3T

High adaptability

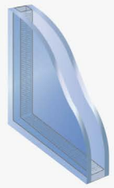
New mounting design allows the fan to be fixed on glass plate of thickness from 3mm up to 25mm with ease

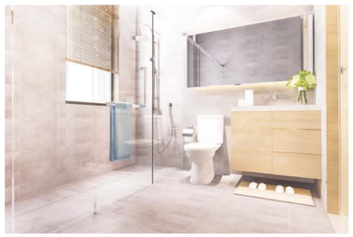


Applicable Glass Thickness
3mm-25mm

Double glass

Often called insulated glass that consists of two panes of glass set apart to allow airspace in. This airspace acts as a buffer which obstructs the transfer of heat from one side of the glass to the other.





Bathroom

Toilet

Office

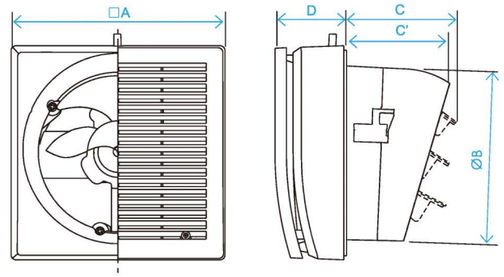
WINDOW MOUNT TYPE VENTILATING FAN

ELECTRIC SHUTTER SERIES

FV-15WH3T / FV-20WH3T

- Electrically Operated Shutter
- Advanced design hood structure to prevent from rain and wind
- Suitable for window glass with thickness of 3mm to 25mm
- Simple and Easy installation, no need of any silicon seal or gasket

Dimensions (Unit: mm)



Model	A	B	C	C'	D
FV-15WH3T	224	182	117	111	72
FV-20WH3T	288	243	120	117	74

Specifications

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]	[W]	[dB(A)]	[kg]	[mm]
FV-15WH3T	220	50	230	135	13	43	1.4	Ø186 - Ø188
	230	50	230	135	14	43		
	240	50	230	135	15	43		
FV-20WH3T	220	50	445	262	20	42	2.6	Ø247 -Ø250
	230	50	445	262	21	42		
	240	50	445	262	22	42		

Note :
1. The value of power consumption, air volume and noise are specified at static pressure of 0 Pa
2. The value of air volume is the mean value measured by our company.
3. The value of noise level is the average of three values measured at 1m apart from left, right and front of product.
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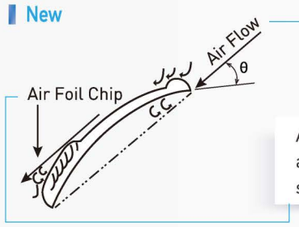
FEATURES OF AUTOMATIC SHUTTER SERIES

Auto Shutter

The backdraft shutters will be opened by air pressure during operation and closed automatically for air-tightness when the fan is switched off.

Advanced Blade Design

New

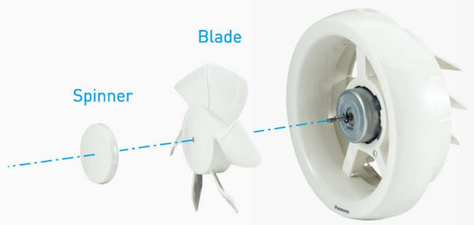


Leading Edge forms no obstacle to airflow that streamlines airflow from every direction

Air Foil Chip is to reduce turbulence at rear edge, and the curvature of front edge is improved for smooth airflow that minimizes fan noise as well.

Higher Static Pressure

Newly designed blade can sustain higher static pressure that can withstand more pressure from outside wind.



Easy Maintenance

The blade can be detached by simply loosening the spinner, that facilitates the periodical maintenance.

Bathroom

Toilet

Office

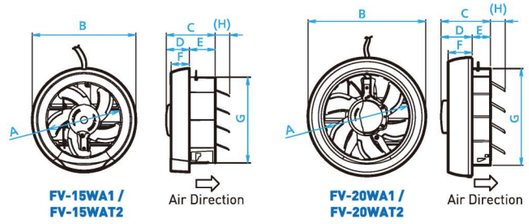
WINDOW MOUNT TYPE VENTILATING FAN

AUTOMATIC SHUTTER SERIES

FV-15WA1 / FV-20WA1 / FV-15WAT2 / FV-20WAT2

- Automatic shutter
- High Performance Condenser motor with thermo cut-off
- Well lubricated bearing for long life operation
- Propeller fan incorporated with advanced blade design
- Removable blade for easy maintenance

Dimensions (Unit: mm)



Model	A	B	C	D	E	F	G	H (Max)
FV-15WA1 / FV-15WAT2	150	212	100	47	53	38	175	(30)
FV-20WA1 / FV-20WAT2	206	290	122	76	46	59	237	(36)

Specifications

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]	[W]	[dB(A)]	[kg]	[mm]
FV-15WA1	220	50	210	124	14	43	0.9	Ø186 - Ø188
		60	222	131	18	44		
	230	50	222	131	15	44		
	240	50	228	134	16	44		
FV-15WAT2	220	50	210	124	14	43		
FV-20WA1	220	50	380	224	15	42	1.4	Ø247 - Ø250
	230	50	390	230	16	42.5		
	240	50	402	237	17.5	43		
FV-20WAT2	220	50	380	224	15	42		

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FEATURES OF CORD-OPERATED SHUTTER SERIES

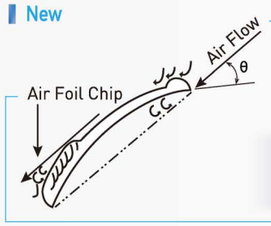
High performance condenser motor with long life bearing

- Low power consumption (50% down VS previous model)
- Low noise level (6% down VS previous model)
- Long life up to 40,000 hours (1.5 time VS previous model)
- Comply with IPX4 (outside)

"HP motor" and "Bearing" are used

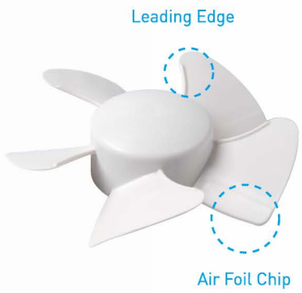
Advanced Blade Design

New



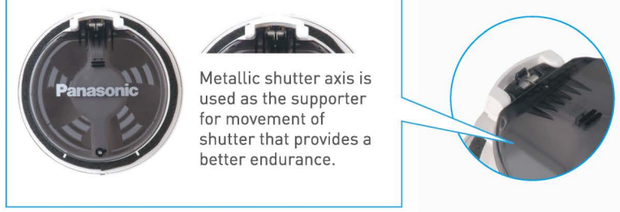
Leading Edge forms no obstacle to airflow that streamlines airflow from every direction

Air Foil Chip is to reduce turbulence at rear edge, and the curvature of front edge is improved for smooth airflow that minimizes fan noise as well.



Strengthened Shutter Structure

- Durable
- Resistant to strong wind

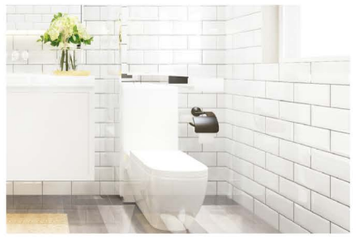


Metallic shutter axis is used as the supporter for movement of shutter that provides a better endurance.

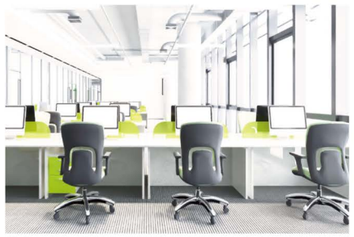
Easy Maintenance

The blade can be detached by simply loosening the spinner, that facilitates the periodical maintenance.

Bathroom



Toilet



Office

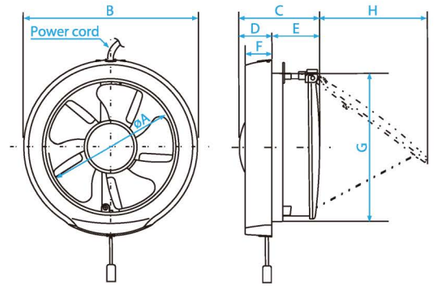
WINDOW MOUNT TYPE VENTILATING FAN

CORD-OPERATED SHUTTER SERIES

FV-15WU4 / FV-20WU4 / FV-15WUT4 / FV-20WUT4

- HP condenser motor with thermal cutoff
- Well lubricated bearing for long life operation
- Propeller fan incorporated with advanced blade design
- Shutter operated by pull cord
- Metallic shutter axis

Dimensions (Unit: mm)



Model	A	B	C	D	E	F	G	H
FV-15WU4 / FV-15WUT4	150	210	97	43	54	37	177	149
FV-20WU4 / FV-20WUT4	200	271	98	36	62	36	237	201

Specifications

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]	[W]	[dB(A)]	[kg]	[mm]
FV-15WU4	220	50	210	124	8.1	35	0.9	Ø186 - Ø188
		60	200	118	8.9	34		
	230	50	220	129	8.8	36		
	240	50	230	135	9.5	37		
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		60	360	212	19	31		
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