

+ Window Mount Type Ventilating Fan Model Comparison

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]	[W]	[dB(A)]	[kg]	[mm]

+ Electric Shutter Series

15WHCT	220	50	230	135	13	43	1.4	Ø186 - Ø188
		60	230	135	13	44		
	230	50	230	135	14	43		
		240	50	230	15	43		
20WHCT	220	50	445	262	20	42	2.6	Ø247 - Ø250
		60	480	283	22	45		
	230	50	445	262	21	42		
		240	50	445	22	42		

+ Automatic Shutter Series

15WAA	220	50	210	124	14	43	0.9	Ø186 - Ø188
		60	222	131	18	44		
	230	50	222	131	15	44		
15WAA/15WAAMN	240	50	228	134	16	44	1.4	Ø247 - Ø250
20WAA	220	50	380	224	15	42		
		60	380	224	17	42		
	230	50	390	230	16.0	43		
20WAA/20WAAMN	240	50	402	237	17.5	43		

+ Cord-operated Shutter Series

15WUD	220	50	210	124	8.1	34	0.9	Ø186 - Ø188
		60	200	118	8.9	35		
	230	50	220	129	8.8	36		
15WUD/15WUDMN	240	50	230	135	9.5	32	1.1	Ø247 - Ø250
20WUD	220	50	360	212	16.4	31		
		60	360	212	19	34		
	230	50	380	224	17.9	36		
20WUD/20WUDMN	240	50	400	235	19.5			

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 are 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.



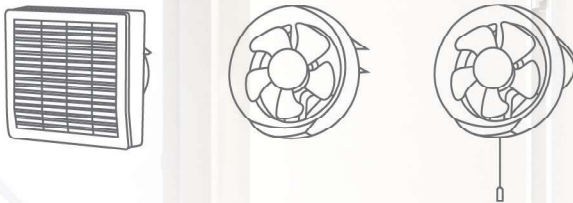
KDK Company, Division of PES  
4017, Takaki-cho, Kasugai, Aichi, Japan  
<http://kdk.jp>

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

CA1A1 OG NO: K-VF-018  
08. 2022




+ WINDOW MOUNT TYPE  
+ VENTILATING FAN



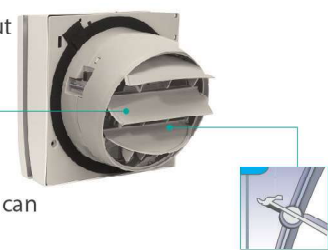
FEATURES OF ELECTRIC SHUTTER SERIES

+ Rain proof and wind resistible


Hood structure for prevention of rain water ingress




Newly designed shutter can keep out entry of rain water effectively



High static pressure blade can prevent ingress of rain & wind during operation

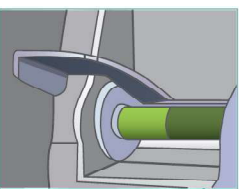


Bent End Structure of the shutter can block the backflow of outside wind

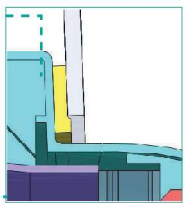


+ Easy installation

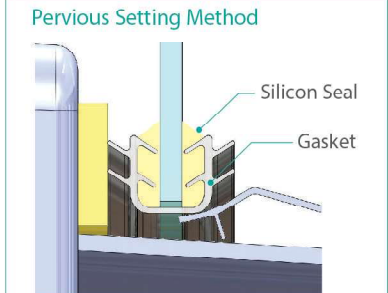
**Mounting Bracket**  
Unique design of mounting bracket can fix the fan on glass plate with simple process



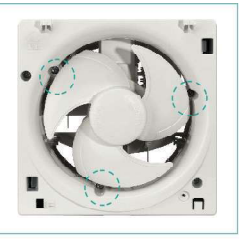
**Packing**  
No Gasket / No Silicon Seal  
Attached packing tightly closes to the glass plate that gets rid of water leakage to indoor

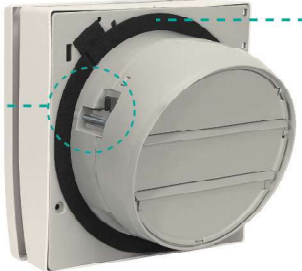


**Pervious Setting Method**  
Silicon Seal  
Gasket  
Both gasket & silicon seal are not required for FV-15WH3T/FV-20WH3T



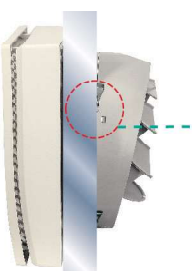
e.g. 15WHCT  
Orifice is not necessary to detach for installation.  
Simply fix the fan on glass plate by screws at front.





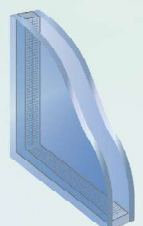
+ High adaptability

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, this kind of glass is constructed of two panes of glass set apart to allow airspace in between. 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  
ELECTRIC SHUTTER SERIES VENTILATING FAN

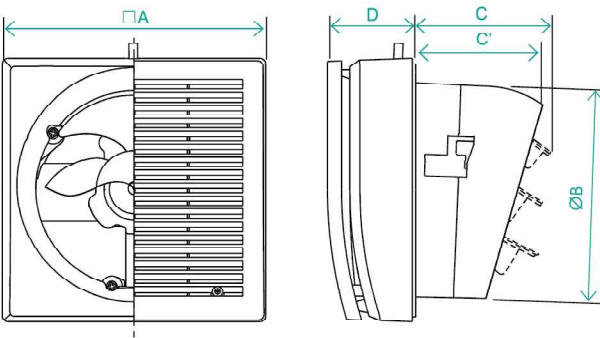
15WHCT / 20WHCT

- + Electrically Operated Shutter
- + Advance design hood structure to prevent from rain and wind
- + Suitable for 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
15WHCT	224	182	117	111	72
20WHCT	288	243	120	117	74



Specifications

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]	[W]	[dB(A)]		
15WHCT	220	50	230	135	13	43	1.4	Ø186 - Ø188
		60	230	135	13	44		
	230	50	230	135	14	43		
20WHCT	220	50	230	135	15	43	2.6	Ø247 - Ø250
		60	445	262	20	42		
	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.  
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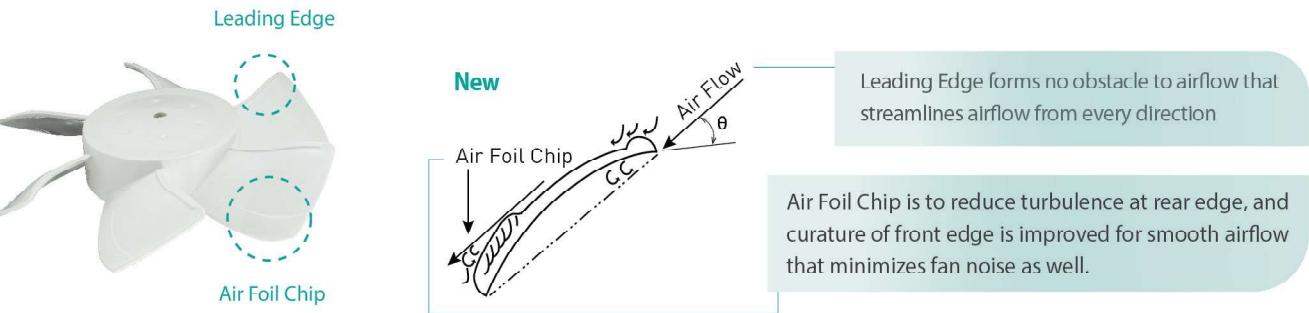
# FEATURES OF AUTOMATIC SHUTTER SERIES

## + 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.

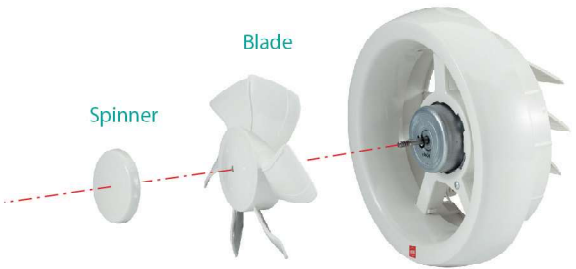


## + Advanced Blade Design



## + 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.



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# WINDOW MOUNT TYPE AUTOMATIC SHUTTER SERIES VENTILATING FAN

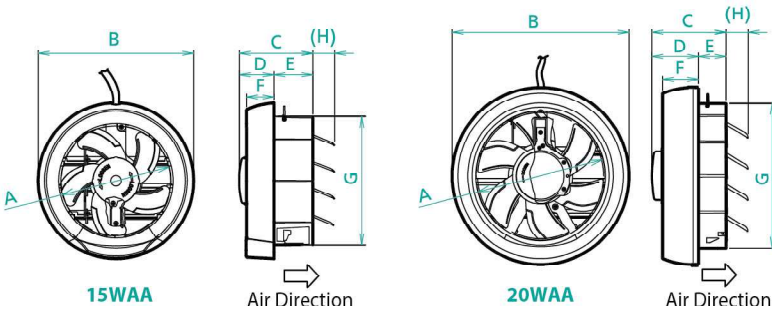
## 15WAA / 15WAAMN / 20WAA / 20WAAMN

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



## Dimensions (Unit: mm)

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



## Specifications

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]				
15WAA	220	50	210	124	14	43	0.9	Ø186 - Ø188
		60	222	131	18	44		
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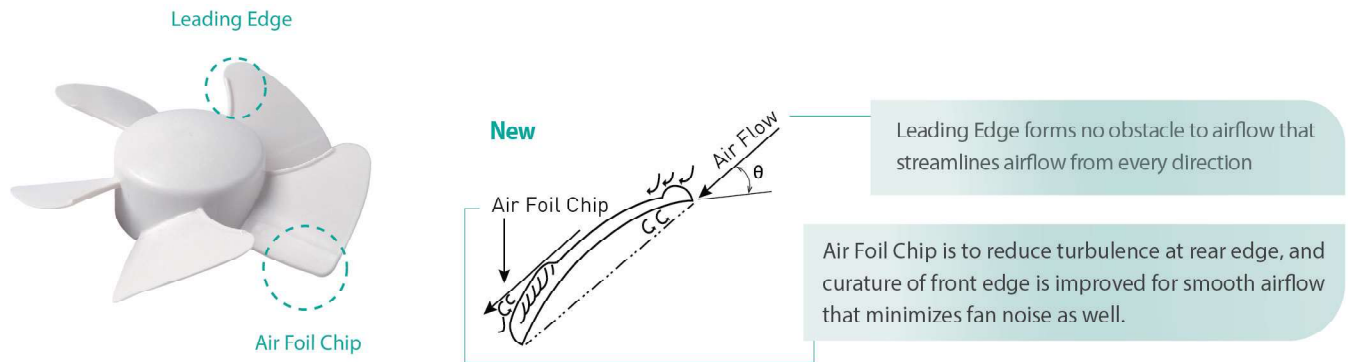
# FEATURES OF CORD-OPERATED SHUTTER SERIES

## + 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)



## + Advanced Blade Design



## + Easy Maintenance

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

## + Strengthened Shutter Structure



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# CORD-OPERATED SHUTTER SERIES VENTILATING FAN

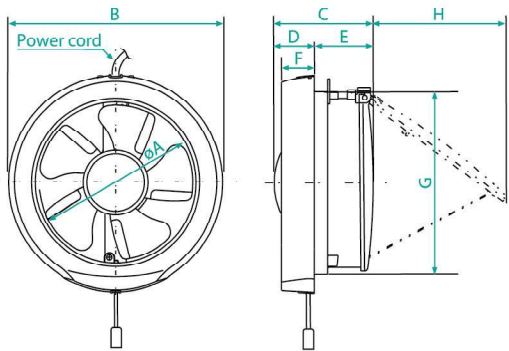
## 15WUD / 15WUDMN / 20WUD / 20WUDMN

- + 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
15WUD 15WUDMN	150	210	97	43	54	37	177	149
20WUD 20WUDMN	200	271	98	36	62	36	237	201



## Specifications

Model No.	Voltage		Air Volume		Consumption	Noise	Weight	Installation Space
	[V]	[Hz]	[m³/h]	[CFM]				
15WUD	220	50	210	124	8.1	35	0.9	Ø186 - Ø188
		60	200	118	8.9	34		
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