Version:
2013-2014

VOLDAM reserves the right to change the specifications and performances without prior notice.

VOLDAM (CHINA) ELECTRICALS LIMITED

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CE RoHS IEC VOC

VOLDAM® name is enough

Ventilation









VOLDAM®

The best or nothing



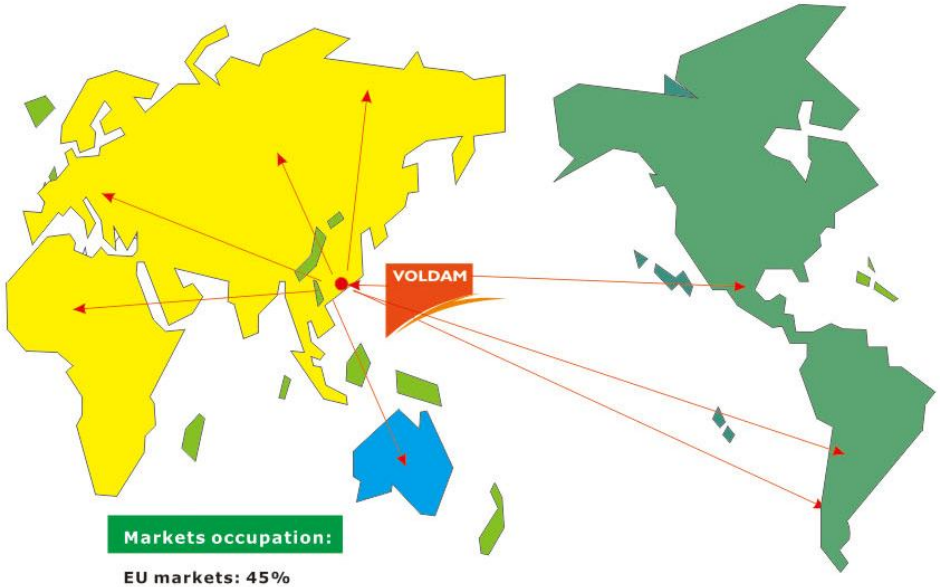
Brands

We/VOLDAM(China)Electricals Limited only registered 2 brands as follow:

VOLDAM®

VOLDAM®

airguard



Markets occupation:

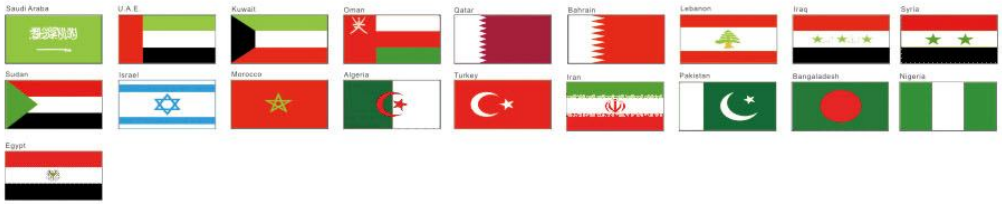
EU markets: 45%
Mid-east: 20%
South-east Asia: 15%
South-America:8%
Oceania: 2%
Other Area: 10%

Markets

Europe



Mid-east & Africa



South-East Asia



Asia



Oceania



South America



TO BE EXPANDED

MOTOR



Motor automatic machine



Automatic winding machine



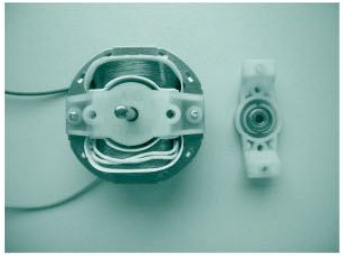
Motor performances testing



Motor rotor presicion cutting



Silicon steel stator



Ball bearing motor



Bush bearing motor

ASSEMBLY



Computer test & inspection line



Plastic injection workshop



Automatic computer testing line



A corner of packing area



Noise testing room



A corner of packing area

VOLDAM PROFILE

Profile

VOLDAM Ventilation was established in year of 2003, as a professional air movements manufacturing and supplier located in Fusha town,Zhongshan city,Guangdong China.

we are standing on a top class quality grade and make OEM brands for global markets, 12000 square meter workshop and 800 square meter testing and Lab building, 500 square meter office.

we are strong on all procedures making for ventilation parts in our factory, research & development department, Quality management department, P.M department, Administration department, finance department, procurement department, marketing department, all are under modern enterprise management system to set.

Profession is our key to win the markets, we are good reputation as well integrity, quick response, honesty, loyalty to the markets. from the motor stamping and making, tooling design and making, products design and making, plastic injection, assembly and testing as well inspection are all under ISO9001 quality assurance system in factory.

we use silicon steel, pure copper winding, top class grade first class plastic materials, strict and critical workmanship to ensure our every unit are in good condition, we are executing our products and standard only in 1-standard for global markets. never compromise the quality or business rule to get the orders.

we have 210-250 peoples in factory, 35-45 skillful technicians & engineers for design, mould making, plastic injection and metal stamping, test and inspection...

we have noise isolation room, computer operation airflow& static pressure test Lab. and all professional test machines to ensure our products are safe and reliable on quality.

our main markets are Europe, Mid-east, Asia, South America,Australia,etc.

so far, we have 2 brands for ventilation, one is VOLDAM, another is new "airguard" which are registered in China and be protected by China Government.

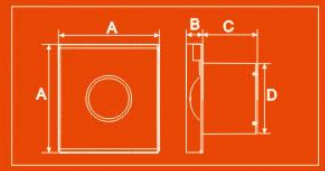
all of our goods are at least extended a 2-year-guarantee quality level which from the manufacturing date, if any defected belong to our workmanship, we will replace of them free of charge without any excuse.

Voldam is the best partner to trust and choose in China on ventilation. our maxim is:

The best or nothing!!!

VF-X-AP Acrylic panels exhaust fans (colorful panel)





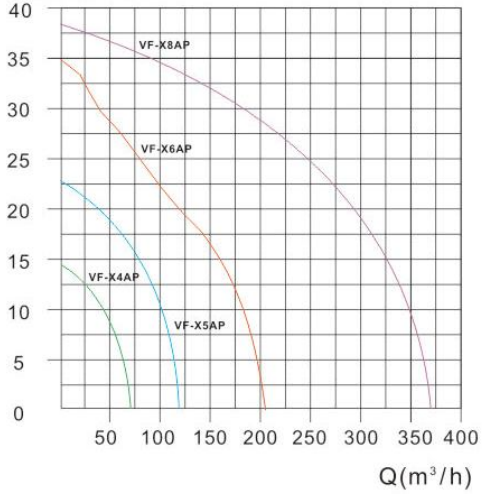
SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-X4AP	220-240	15	70	30	100
VF-X5AP	220-240	20	120	33	120
VF-X6AP	220-240	25	210	35	150
VF-X8AP	220-240	25	370	39	200

DIMENSION(mm)

MODEL	A	B	C	D
VF-X4AP	150x140	21	72	98
VF-X5AP	175x163	21	85	115
VF-X6AP	200x190	25	93	145
VF-X8AP				

Static pressure[Pa]



Features:

- Engineering PP plastic body and shutters. decorative Acrylic color panels for option
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- X8AP is Eco-motor, condensor motor.



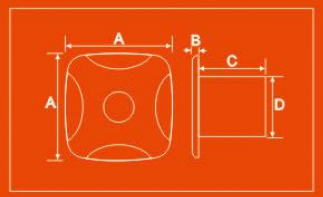


Acrylic panels for color option as well stainless steel



VF-K bathroom exhaust fan (with LED Lighting)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-K4	220-240	15	60	30	100
VF-K6	220-240	25	210	35	150

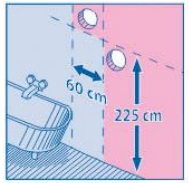
DIMENSION(mm)

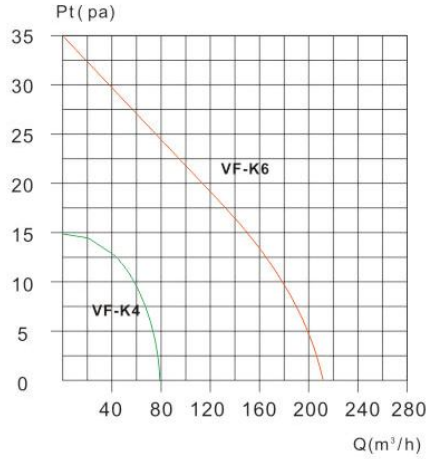
MODEL	A	B	C	D
VF-K4	161x161	26	115	98
VF-K6	199x199	27	120	145

Features:

- Polyfiber + ABS material stronger body, with 3-5W LED for option
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- K8 is Eco-motor, condensor motor.







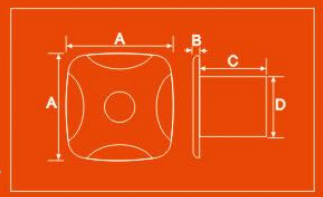


VF-K 12V bathroom exhaust fan (with LED Light and Magnetic driver)





Magnetic driver

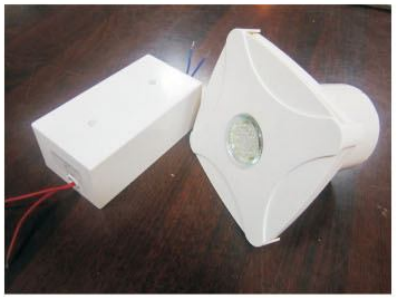


SPECIFICATIONS

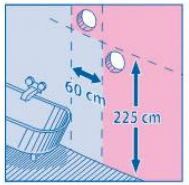
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-K4	12	15	60	30	100
VF-K6	12	25	210	35	150

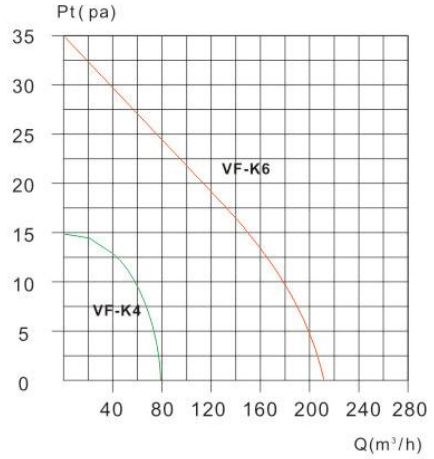
DIMENSION(mm)

MODEL	A	B	C	D
VF-K4	161x161	26	115	98
VF-K6	199x199	27	120	145





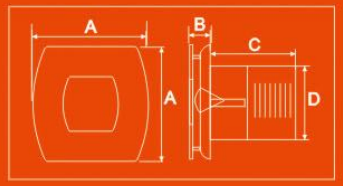






VF-S bathroom exhaust fan





SPECIFICATIONS

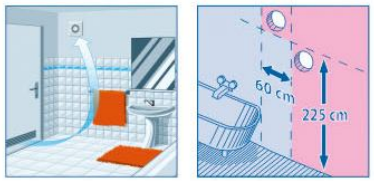
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-S4	220-240	15	70	33	100
VF-S5	220-240	20	120	35	120
VF-S6	220-240	25	210	37	150
VF-S8	220-240	25	370	39	200

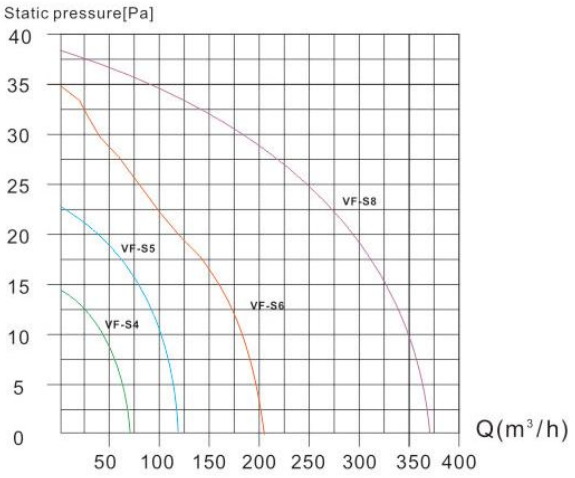
Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- S8 is Eco-motor, condensor motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-S4	150x150	34	86	94
VF-S5	170x170	32	100	116
VF-S6	193x193	33	120	145
VF-S8	260x260	44	123	195

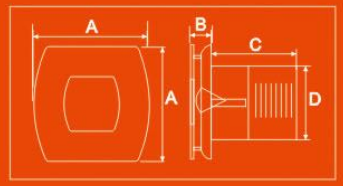






VF-SS bathroom exhaust fans (stainless steel panel)





SPECIFICATIONS

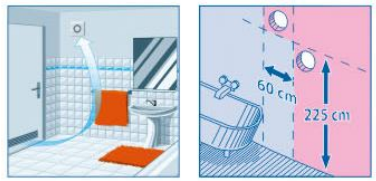
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-SS4	220-240	15	70	33	100
VF-SS5	220-240	20	120	35	120
VF-SS6	220-240	25	210	37	150
VF-SS8	220-240	25	370	39	200

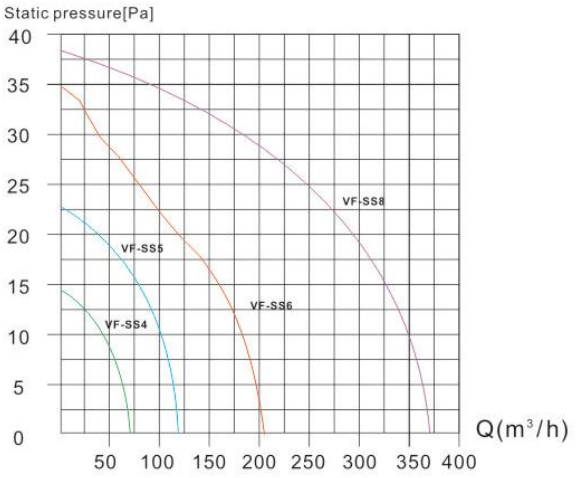
Features:

- #304 stainless steel panel
  LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- SS8 is Eco-motor, condensor motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-SS4	150x150	34	86	94
VF-SS5	170x170	32	100	116
VF-SS6	193x193	33	120	145
VF-SS8	260x260	44	123	195





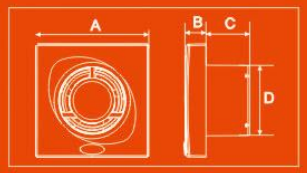


VF-G bathroom exhaust fan





Motion sensor



SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-G4	220-240	15	80	33	100
VF-G6	220-240	25	250	37	150

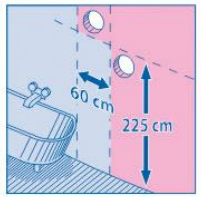
DIMENSION(mm)

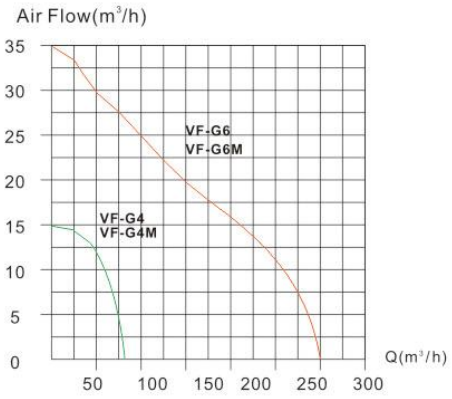
MODEL	A	B	C	D
VF-G4	158x158	30	58	97
VF-G6	210x210	30	65	149

Features:

- LG ABS plastic body .
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- G8 is Eco-motor, condensor motor.







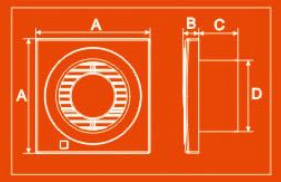


VF-V bathroom exhaust fan





Motion sensor



SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-V4	220-240	15	70	33	100
VF-V5	220-240	20	120	35	120
VF-V6	220-240	25	210	37	150

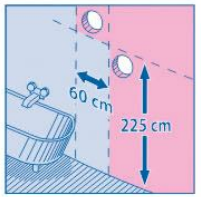
DIMENSION(mm)

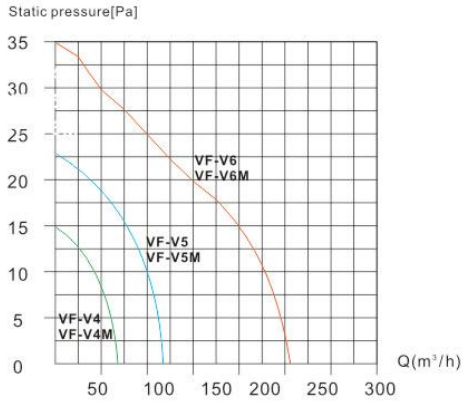
MODEL	A	B	C	D
VF-V4	158x158	20	55	98
VF-V5	180x180	20	58	116
VF-V6	209x209	20	68	145

Features:

- LG ABS plastic body .
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- V8 is Eco-motor, condensor motor.



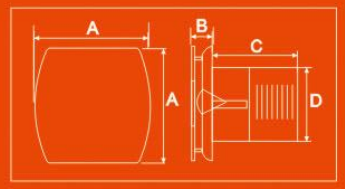






VF-S-1 bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-S4-1	220-240	15	70	33	100
VF-S5-1	220-240	20	120	35	120
VF-S6-1	220-240	25	210	37	150
VF-S8-1	220-240	25	370	39	200

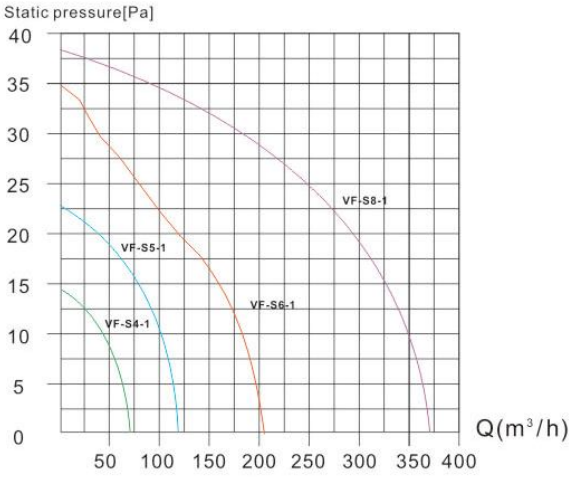
Features:

- LG ABS plastic body .
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- S8-1 is Eco-motor, condensor motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-S4-1	150x150	34	86	94
VF-S5-1	170x170	32	100	116
VF-S6-1	193x193	33	120	145
VF-S8-1	260x260	44	123	195

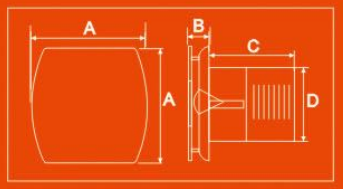






VF-SS-1 bathroom exhaust fan with (stainless steel panel)





SPECIFICATIONS

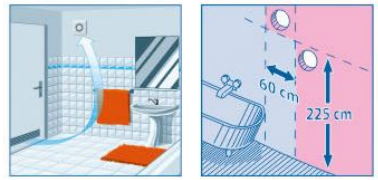
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-SS4-1	220-240	15	70	33	100
VF-SS5-1	220-240	20	120	35	120
VF-SS6-1	220-240	25	210	37	150
VF-SS8-1	220-240	25	370	39	200

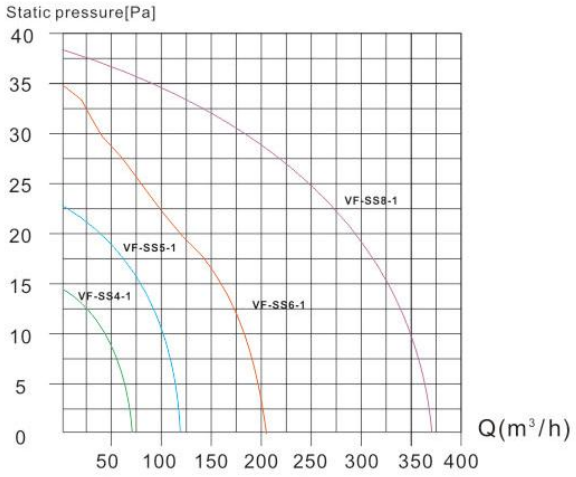
Features:

- #304 stainless steel panel
  LG ABS plastic body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- SS8-1 is Eco-motor, condensor motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-SS4-1	150x150	34	86	94
VF-SS5-1	170x170	32	100	116
VF-SS6-1	193x193	33	120	145
VF-SS8-1	260x260	44	123	195

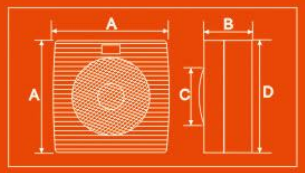






VF-L square exhaust fan





SPECIFICATIONS

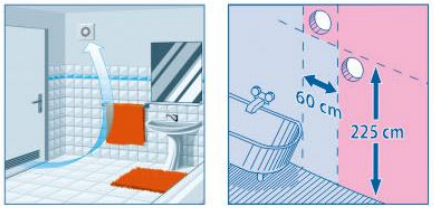
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-L16	220-240	25	300	30	100
VF-L19					
VF-L225					
VF-L300					

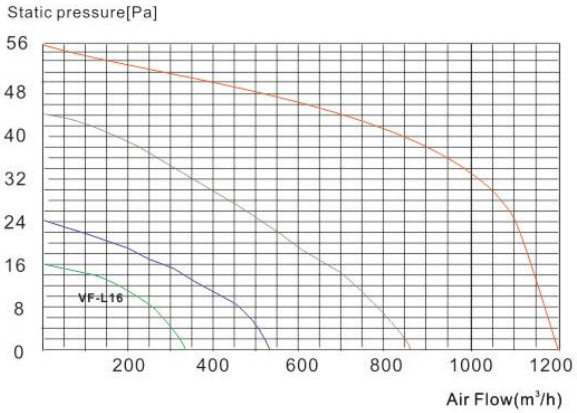
Features:

- Engineering PP plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-L16	197x207	76	154	197
VF-L19				
VF-L225				
VF-L300				

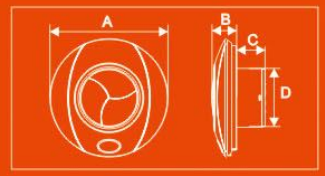






VF-Q Bathroom exhaust fan





SPECIFICATIONS

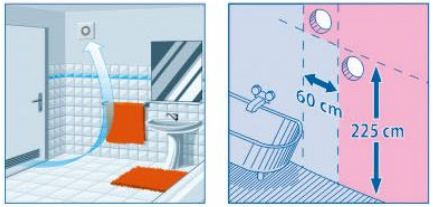
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-Q4	220-240	15	80	30	100
VF-Q6	220-240	25	160	33	150
VF-Q8	220-240	25	250	39	200

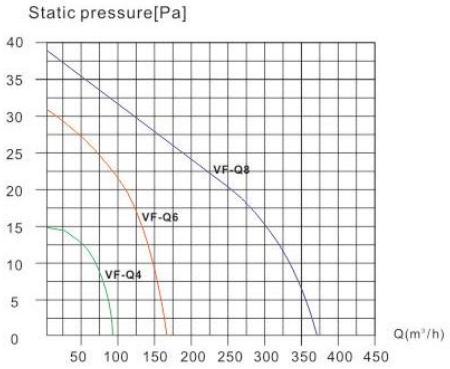
Features:

- First grade ABS plastic body.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-Q4	197x197	40	42	99
VF-Q6	225x225	43	69	145
VF-Q8	296x296	62	99	196

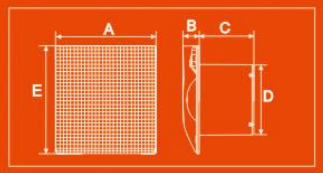






VF-RV-1 ultra thin panel bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
RV4-1	220-240	15	70	30	100
RV5-1	220-240	20	120	33	120
RV6-1	220-240	25	210	35	150
RV8-1	220-240	25	370	39	200

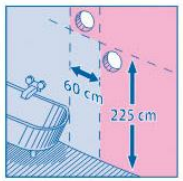
DIMENSION(mm)

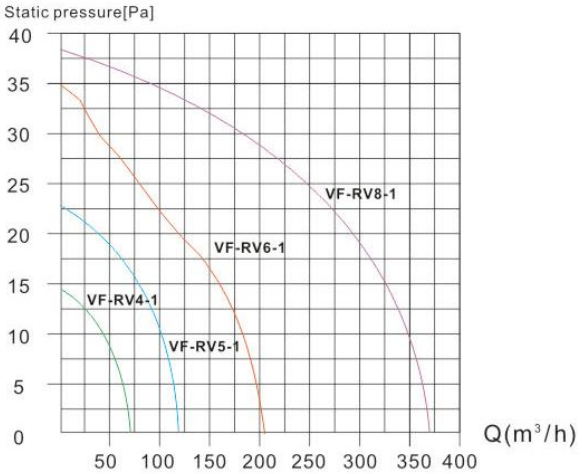
MODEL	A	B	C	D
RV4-1	150x140	21	72	98
RV5-1	175x163	21	85	115
RV6-1	200x190	25	93	145
RV8-1				

Features:

- Engineering PP plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- B-8 is Eco-motor, condensor motor.



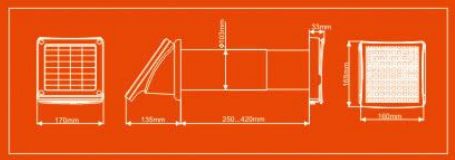






Solar extractor fan 100mm



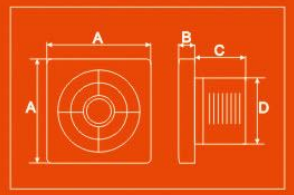




Voltage: DC12V, 100mm ,2.5W

VF-A Bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-A4	220-240	15	80	33	100
VF-A5	220-240	20	150	35	120
VF-A6	220-240	25	250	37	150
VF-A8	220-240	25	370	39	200

DIMENSION(mm)

MODEL	A	B	C	D
VF-A4	150x150	37	42	98
VF-A5	182x182	43	43	118
VF-A6	209x209	45	60	148
VF-A8	261x261	73	50	196

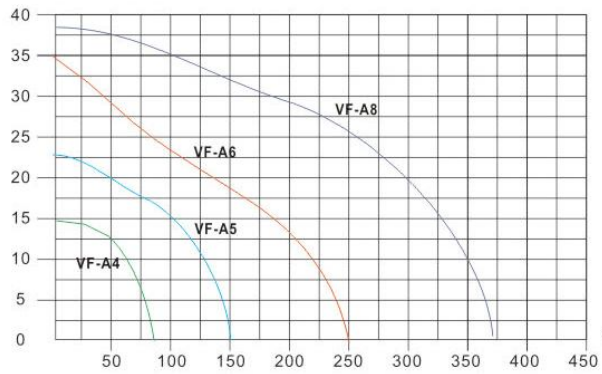
Features:

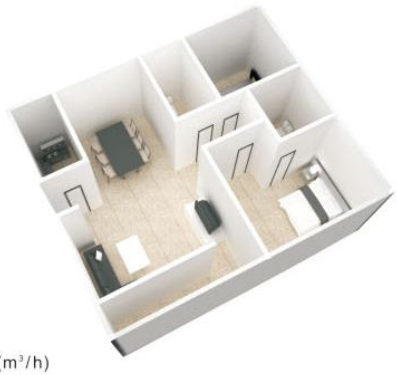
- Top grade ABS materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- A-8 is Eco-motor, condensor motor.





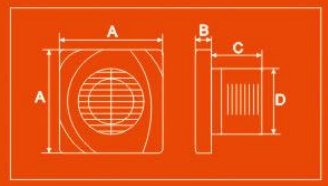
Static pressure[Pa]





VF-A-1 Bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-A4-1	220-240	15	80	33	100
VF-A5-1	220-240	20	150	35	120
VF-A6-1	220-240	25	250	37	150
VF-A8-1	220-240	25	370	39	200

DIMENSION(mm)

MODEL	A	B	C	D
VF-A4-1	150x150	37	42	98
VF-A5-1	182x182	43	43	118
VF-A6-1	209x209	45	60	148
VF-A8-1	261x261	73	50	196

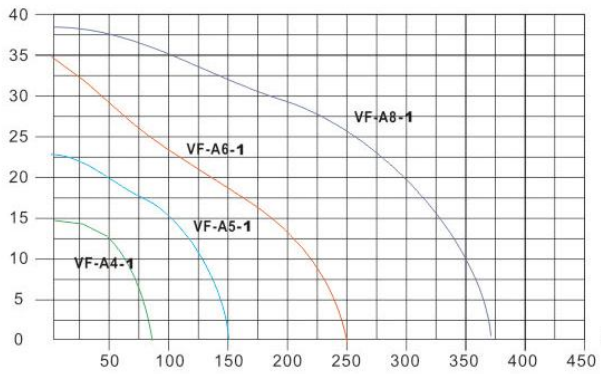
Features:

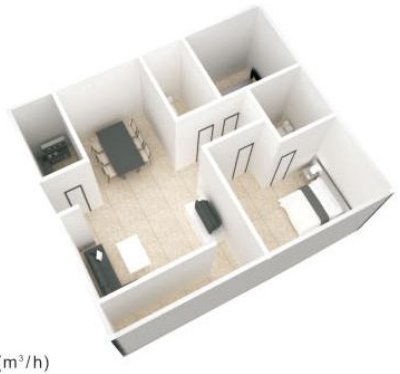
- Top grade ABS materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- A-8-1 is Eco-motor, condensor motor.





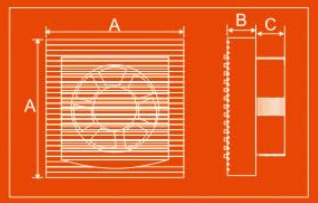
Static pressure[Pa]





VF-A-2 Bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-A4-2	220-240	15	80	33	100
VF-A5-2	220-240	20	150	35	120
VF-A6-2	220-240	25	250	37	150
VF-A8-2	220-240	25	370	39	200

DIMENSION(mm)

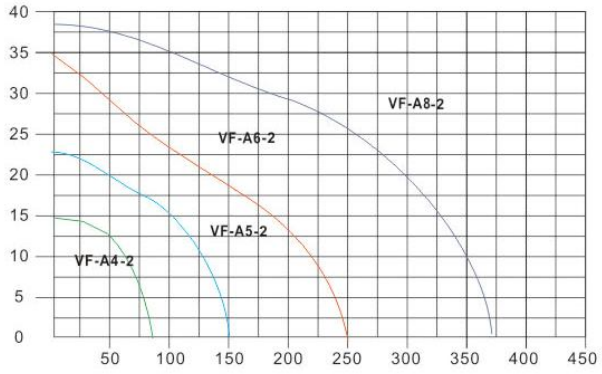
MODEL	A	B	C	D
VF-A4-2	150x150	37	42	98
VF-A5-2	182x182	43	43	118
VF-A6-2	209x209	45	60	148
VF-A8-2	261x261	73	50	196

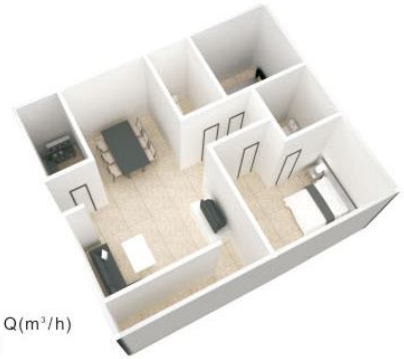
Features:

- Top grade ABS materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- A-8-2 is Eco-motor, condensor motor.



Static pressure[Pa]

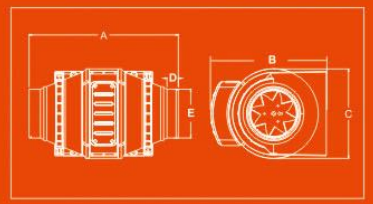




VF-MV Mix flow inline blower

(High pressure and airflow)





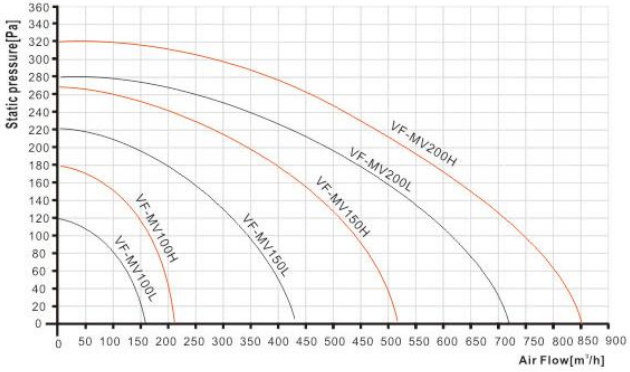
SPECIFICATIONS

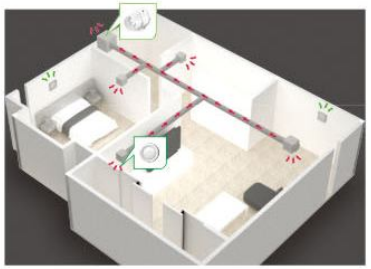
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
MV100	220-240	30	220	41	97
MV125	220-240				
MV150	220-240	50	530	45	145
MV200	220-240				

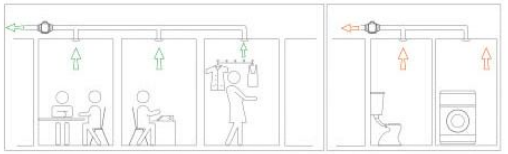
DIMENSION(mm)

MODEL	A	B	C	D	E
MV100	297	234	177	22	97
MV125					
MV150	307	256	200	78	145
MV200					

Function:
The MV series is a mixed flow inline exhaust fan in various sizes.
Specially designed for installing ventilation systems with high pressure,strong airflow and low noise levels,And such as the case of suspended ceilings.
Energy Saving motor with ball bearing for long life operation.
It comes in a 2 speed configuration.
Removable body,for repair or cleaning, without the need to touch the ducts.
The fans are powerful enough to vent multiple areas with one unit for today's larger bathrooms;venting multiple bathrooms with one unit is also possible.
The unit feature allows peace and quiet in the living space,thus reducing the sound level of a generally noisy fan.



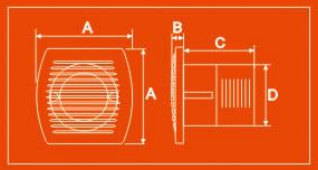




Ceiling Mounted Exhaust Fan Applications Scenarios

VF-B Bathroom exhaust fan (ultra-thin panel)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-B4	220-240	15	80	33	100
VF-B5	220-240	20	150	35	120
VF-B6	220-240	25	250	37	150
VF-B8	220-240	25	370	39	200

DEMENSION(mm)

MODEL	A	B	C	D
VF-B4	140x140	7	88	98
VF-B5	170x170	12	98	118
VF-B6	190x190	13	112	148
VF-B8	257x257	8	129	196

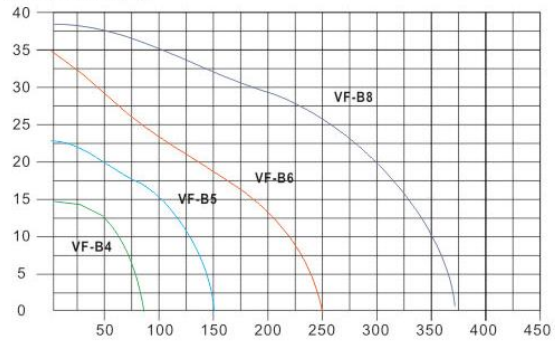
Features:

- Top grade ABS materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- B-8 is Eco-motor, condensor motor.

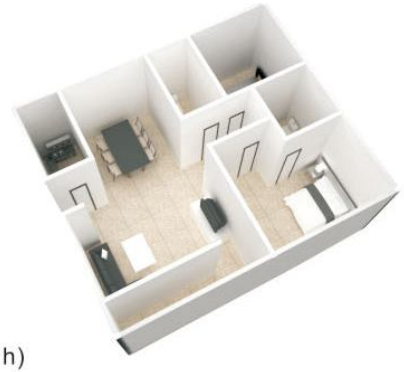




Static pressure[Pa]

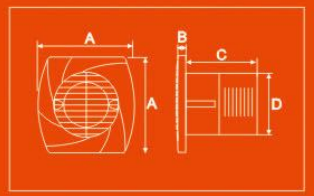


Q(m³/h)



VF-B-1 Bathroom exhaust fans (ultra-thin panel)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-B4-1	220-240	15	80	33	100
VF-B5-1	220-240	20	150	35	120
VF-B6-1	220-240	25	250	37	150
VF-B8-1	220-240	25	370	39	200

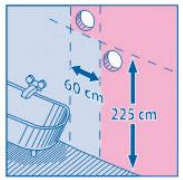
DEMENSION(mm)

MODEL	A	B	C	D
VF-B4-1	140x140	11	88	98
VF-B5-1	170x170	16	98	118
VF-B6-1	190x190	15	112	148
VF-B8-1	257x257	8	129	196

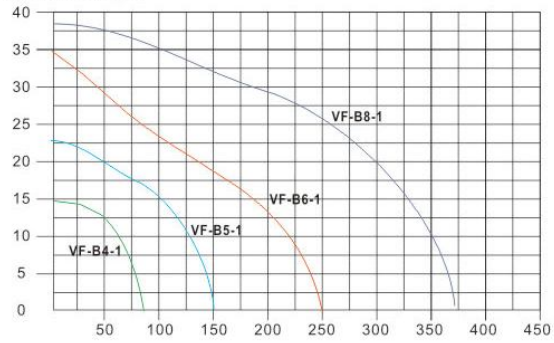
Features:

- Engineering PP plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- B-8-1 is Eco-motor, condensor motor.

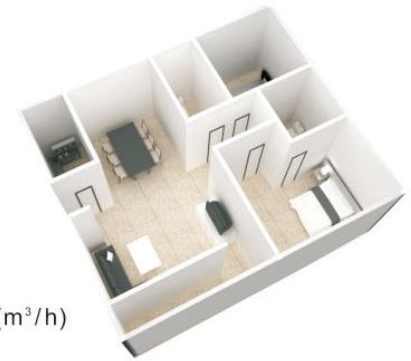




Static pressure[Pa]

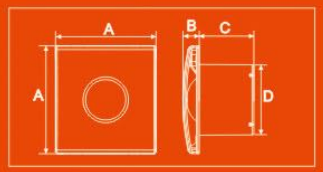


Q(m³/h)



VF-X Bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-X4	220-240	15	70	30	100
VF-X5	220-240	20	120	33	120
VF-X6	220-240	25	210	35	150
VF-X8	220-240	25	370	39	200

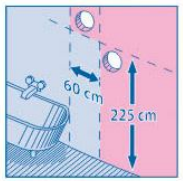
Features:

- Engineering PP plastic body.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- X-8 is Eco-motor, condensor motor.

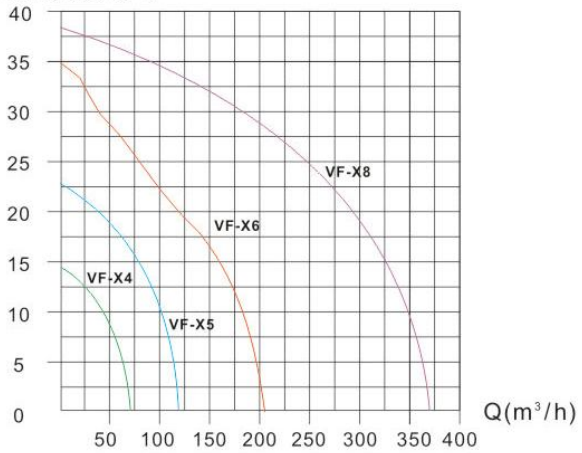
DIMENSION(mm)

MODEL	A	B	C	D
VF-X4	150x140	21	72	98
VF-X5	175x163	21	85	115
VF-X6	200x190	25	93	145
VF-X8				





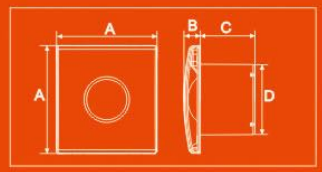
Static pressure[Pa]





VF-XS Bathroom exhaust fans (stainless steel panel)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-XS4	220-240	15	70	30	100
VF-XS5	220-240	20	120	33	120
VF-XS6	220-240	25	210	35	150
VF-XS8	220-240	25	370	39	200

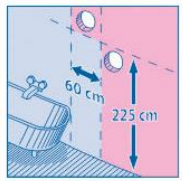
Features:

- Engineering PP plastic body.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- XS8 is Eco-motor, condensor motor.

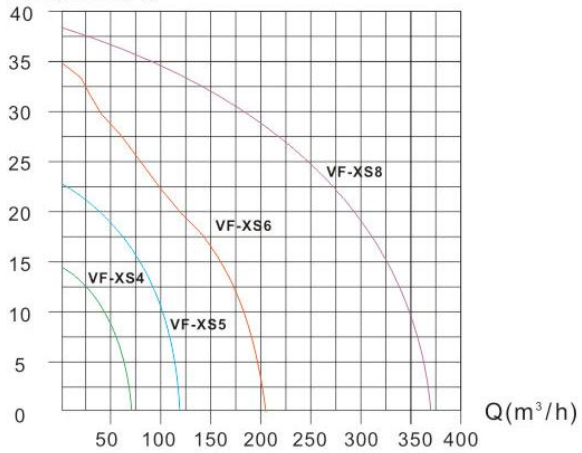
DIMENSION(mm)

MODEL	A	B	C	D
VF-XS4	150x140	21	72	98
VF-XS5	175x163	21	85	115
VF-XS6	200x190	25	93	145
VF-XS8				





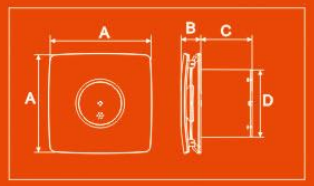
Static pressure[Pa]





VF-W Bathroom exhaust fans





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-W4	220-240	15	70	33	100
VF-W6	220-240	25	210	37	150
VF-W8					

DIMENSION(mm)

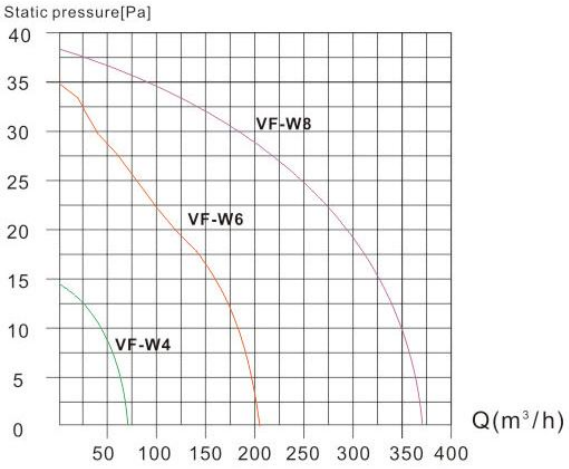
MODEL	A	B	C	D
VF-W4	150x150	27	72	98
VF-W6	200x200	28	94	145
VF-W8				

Features:

- LG ABS plastic body .
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- W8 is Eco-motor, condensor motor.

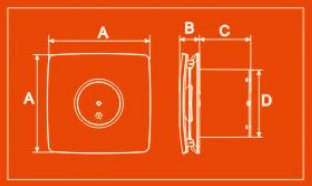






VF-WS Bathroom exhaust fan (stainless steel panel)





SPECIFICATIONS

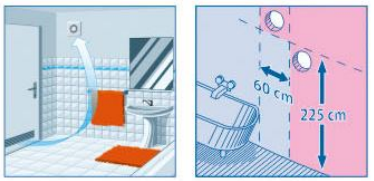
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-WS4	220-240	15	70	33	100
VF-WS6	220-240	25	210	37	150
VF-WS8					

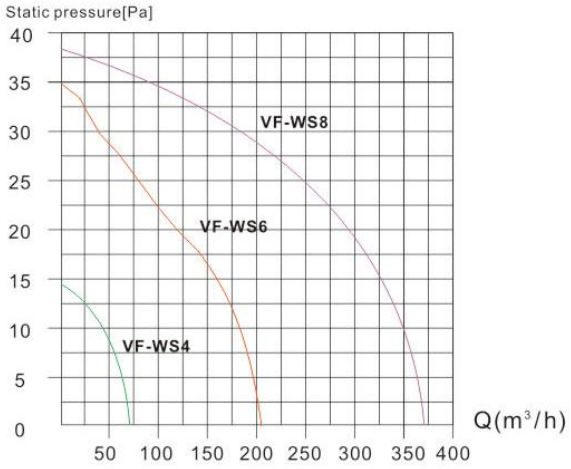
DIMENSION(mm)

MODEL	A	B	C	D
VF-WS4	150x150	27	72	98
VF-WS6	200x200	28	94	145
VF-WS8				

Features:

- # 304 stainless steel panel &LG ABS plastic body.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- WS8 is Eco-motor, condensor motor.

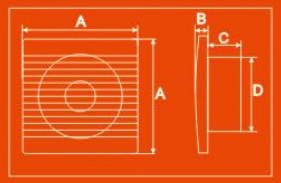






VF-N Bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-N4	220-240	15	65	33	100
VF-N5	220-240	20	110	35	120
VF-N6	220-240	25	200	37	150
VF-N8	220-240	25	370	39	200

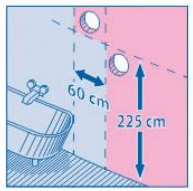
DIMENSION(mm)

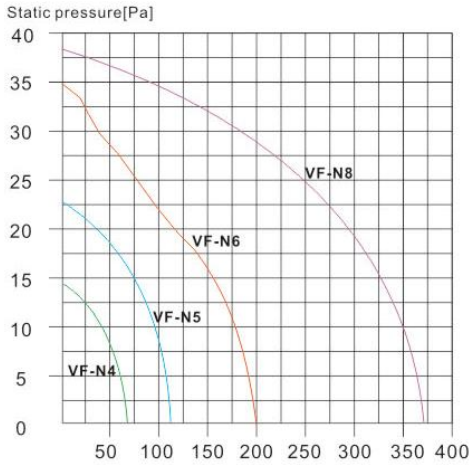
MODEL	A	B	C	D
VF-N4	158x158	21	55	98
VF-N5	180x180	21	58	116
VF-N6	209x209	21	68	148
VF-N8	257x257	8	129	195

Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- N8 is Eco-motor, condensor motor.



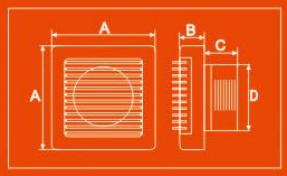






VF-M Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-M4	220-240	15	80	33	100
VF-M5	220-240	20	150	35	120
VF-M6	220-240	25	250	37	150
VF-M8	220-240	25	370	39	200
VF-K9	220-240	40	520	40	230

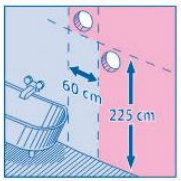
DIMENSION(mm)

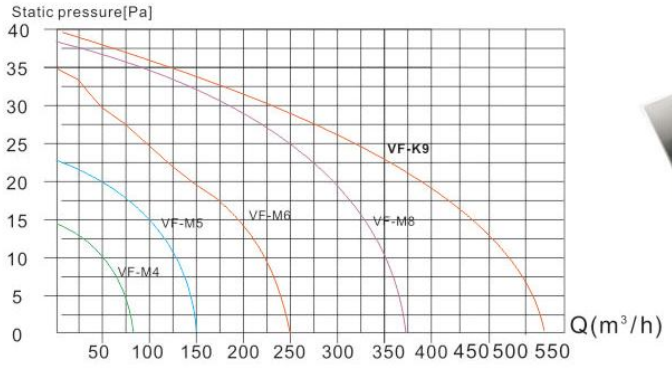
MODEL	A	B	C	D
VF-M4	150x150	50	42	98
VF-M5	182x182	58	43	118
VF-M6	210x210	60	60	148
VF-M8	265x262	66	94	195
VF-K9	290x290	40	123	225

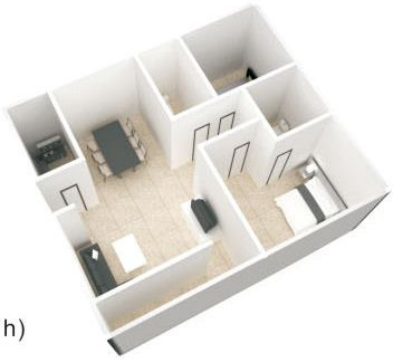
Features:

- LG ABS plastic body & shutters, Italy made switch.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- M8 is Eco-motor, condensor motor.



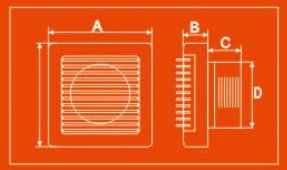






VF-M-1 Automatic shutters bathroom exhaust fan
(Thermo-actuator shutter)





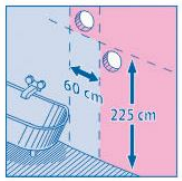
SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-M4-1	220-240	15	80	33	100
VF-M5-1	220-240	20	150	35	120
VF-M6-1	220-240	25	250	37	150
VF-M8-1	220-240	25	370	39	200
VF-K9	220-240	40	520	40	230

Features:

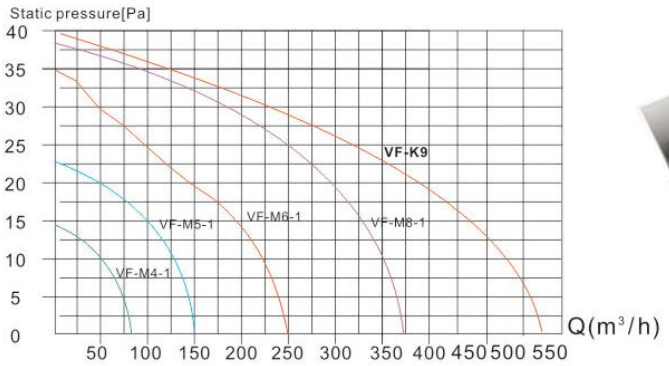
- LG ABS plastic body & shutters,Italy made switch.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- M8-1 is Eco-motor, condensor motor.

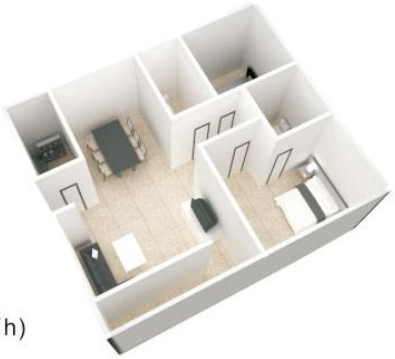




DIMENSION(mm)

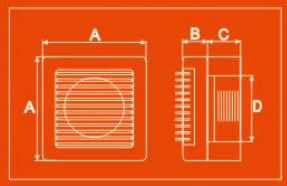
MODEL	A	B	C	D
VF-M4-1	150x150	50	42	98
VF-M5-1	182x182	58	43	118
VF-M6-1	210x210	60	60	148
VF-M8-1	265x262	66	94	195
VF-K9	290x290	40	123	225





VF-MG Automatic shutters bathroom fan
(Thermo-actuator shutter with glass mounting kits)





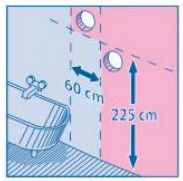
SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-MG4	220-240	15	80	33	100
VF-MG6	220-240	25	250	37	150
VF-MG8	220-240	25	370	39	200

Features:

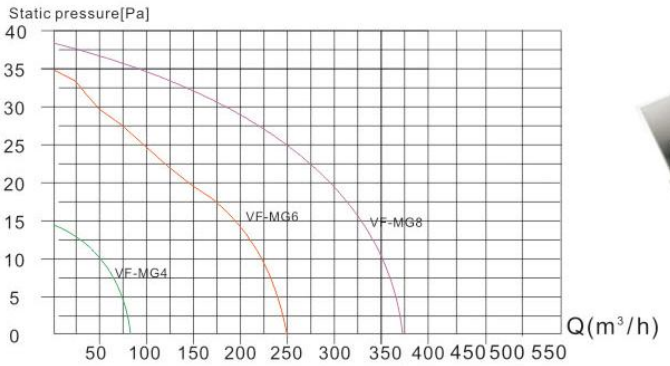
- LG ABS plastic body & shutters,Italy made switch.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- MG8 is Eco-motor, condensor motor.





DIMENSION(mm)

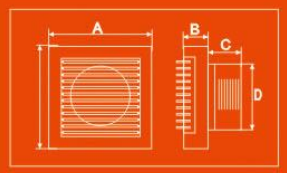
MODEL	A	B	C	D
VF-MG4	150x150	50	40	98
VF-MG6	210x210	60	60	148
VF-MG8	265x265	65	95	196





VF-M-2 Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-M4-2	220-240	15	80	33	100
VF-M5-2	220-240	20	150	35	120
VF-M6-2	220-240	25	250	37	150
VF-M8-2	220-240	25	370	39	200

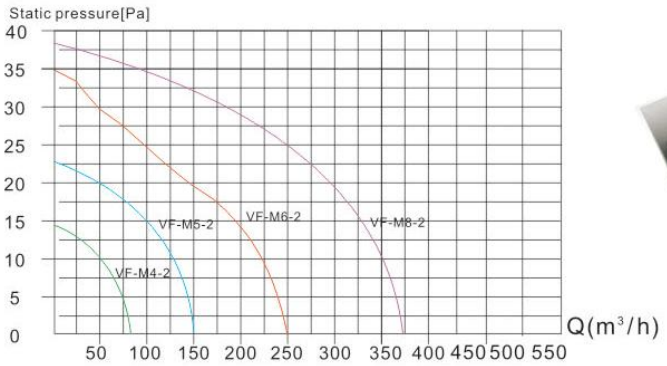
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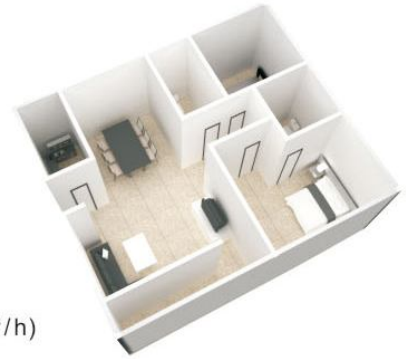
- LG ABS plastic body & shutters,Italy made switch.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- M8-2 is Eco-motor, condensor motor.



DIMENSION(mm)

MODEL	A	B	C	D
VF-M4-2	150x150	50	42	98
VF-M5-2	182x182	58	43	118
VF-M6-2	210x210	60	60	148
VF-M8-2	265x262	66	94	195

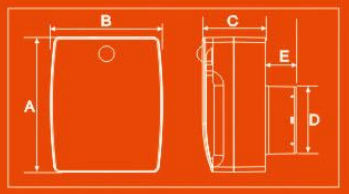




VF-CF High pressure centrifugal bathroom exhaust fan





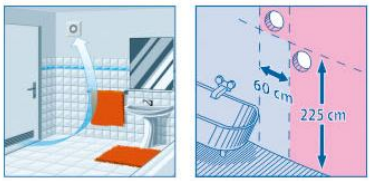


SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
CF-100	220-240	30	110	35	100
CF-125	220-240	35	190	37	125
CF-150	220-240	40	330	39	150
CF-200	220-240	30	450	42	200

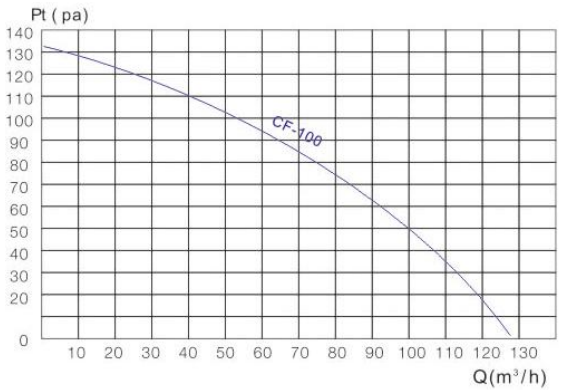
Features:

- High static pressure with centrifugal blower design, backward fan wheel
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- CF-200 is Eco-motor, condensor motor.



DIMENSION(mm)

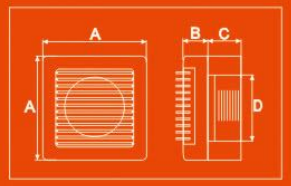
MODEL	A	B	C	D	E
CF-100	193	161	135	96	44
CF-125					
CF-150					
CF-200					





VF-MG-1 Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

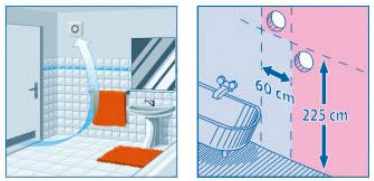
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-MG4-1	220-240	15	80	33	100
VF-MG6-1	220-240	25	250	37	150
VF-MG8-1	220-240	25	370	39	200

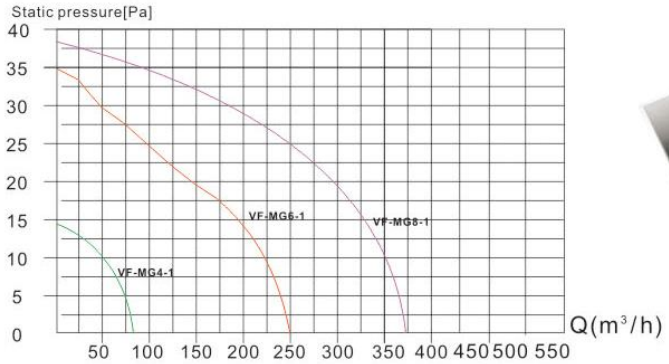
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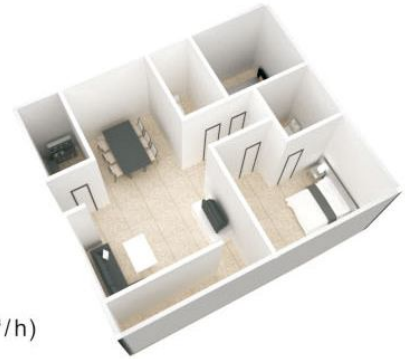
- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- MG8-1 is Eco-motor, condensor motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-MG4-1	150x150	50	40	98
VF-MG6-1	210x210	60	60	148
VF-MG8-1	265x265	65	95	196

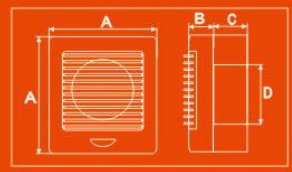






VF-PG Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

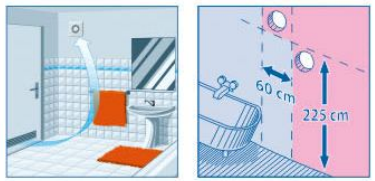
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-PG4	220-240	15	80	33	100
VF-PG6	220-240	25	250	37	150
VF-PG9	220-240	40	520	40	230

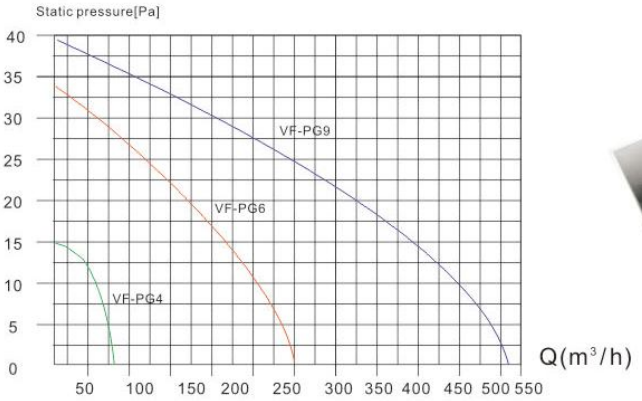
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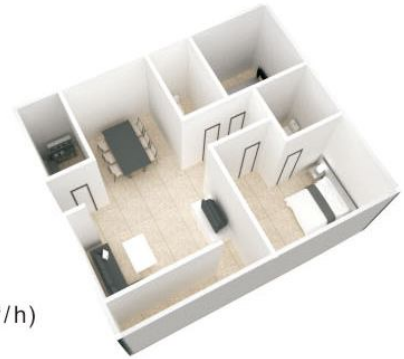
- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-PG4	155x165	46	45	97
VF-PG6	198x230	58	62	146
VF-PG9	292x322	108	78	234

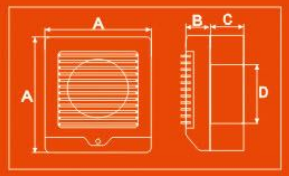






VF-PG-1 Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-PG4	220-240	15	80	33	100
VF-PG6	220-240	25	250	37	150
VF-PG9	220-240	40	520	40	230

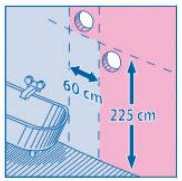
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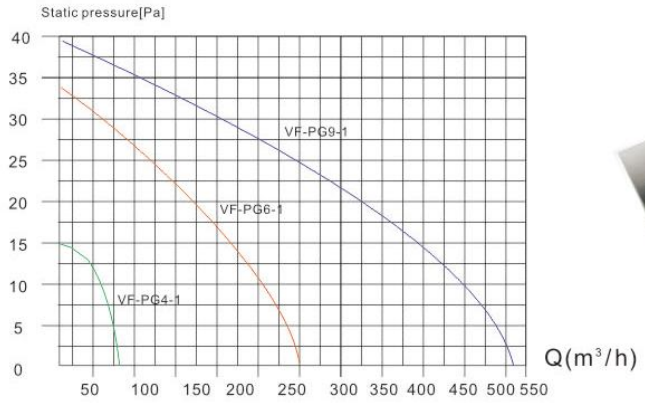
- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-PG4	155x165	46	45	97
VF-PG6	198x230	58	62	146
VF-PG9	292x322	108	78	234



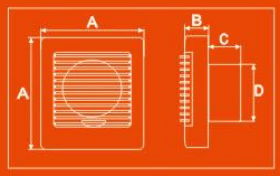






VF-P Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-P4	220-240	15	80	33	100
VF-P6	220-240	25	250	37	150
VF-P9	220-240	40	520	40	230

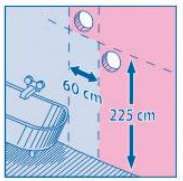
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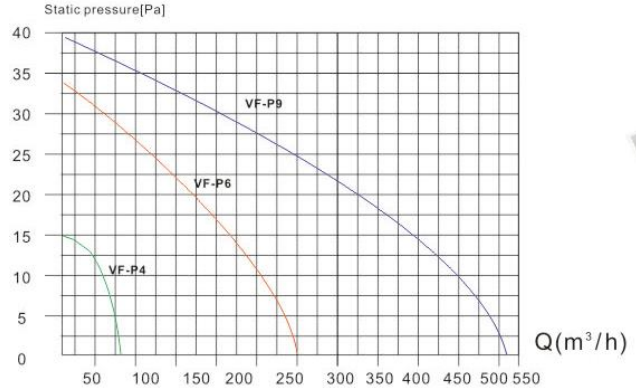
- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-P4	155x165	46	45	97
VF-P6	198x230	58	62	146
VF-P9	292x322	108	78	234



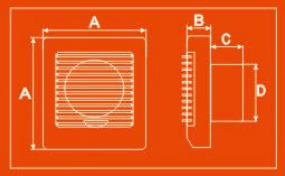






VF-P-1 Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

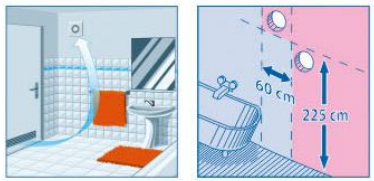
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-P4-1	220-240	15	80	33	100
VF-P6-1	220-240	25	250	37	150
VF-P9-1	220-240	40	520	40	230

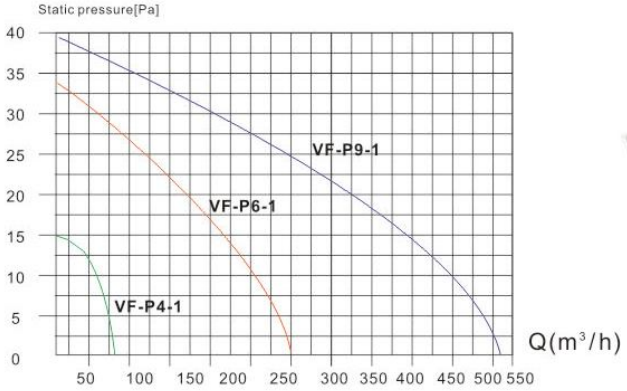
Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-P4-1	155x165	46	45	97
VF-P6-1	198x230	58	62	146
VF-P9-1	292x322	108	78	234

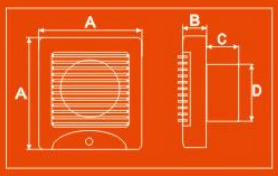






VF-P-2 Automatic shutters bathroom exhaust fan (Thermo-actuator shutter)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-P4-2	220-240	15	80	33	100
VF-P6-2	220-240	25	250	37	150
VF-P9-2	220-240	40	520	40	230

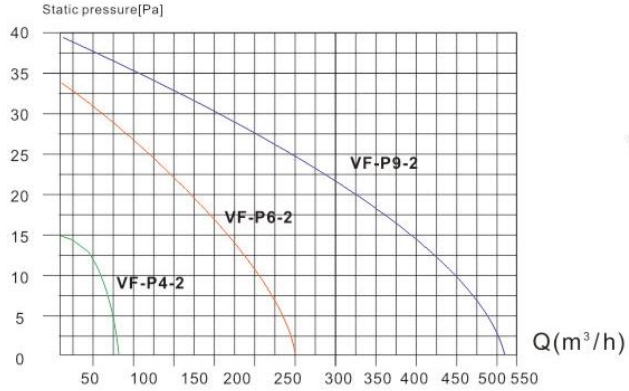
Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-P4-2	155x165	46	45	97
VF-P6-2	198x230	58	62	146
VF-P9-2	292x322	108	78	234

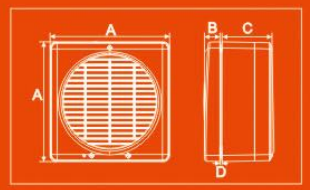






VF-M9 9" bathroom exhaus tfans with mounting kits





SPECIFICATIONS

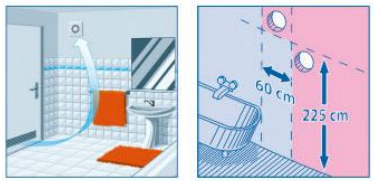
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-M9	220-240	40	520	40	230

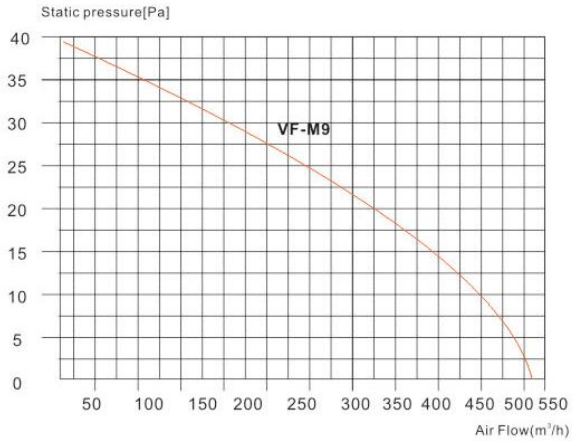
Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-M9	290x290	40	123	4

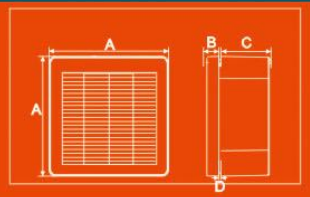






VF-N9 9" bathroom exhaus tfans with mounting kits





SPECIFICATIONS

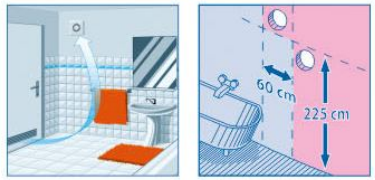
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-N9	220-240	40	520	40	230

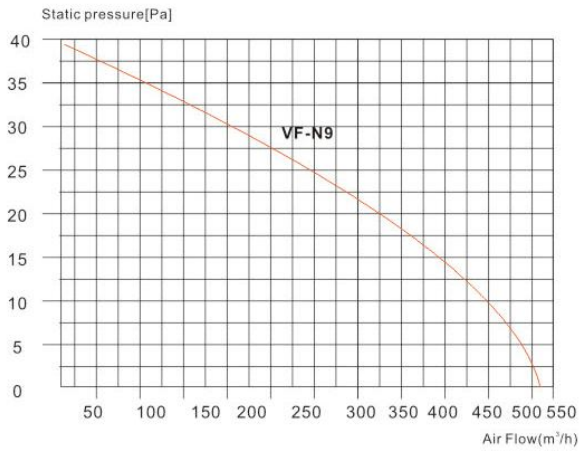
Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

DIMENSION(mm)

MODEL	A	B	C	D
VF-N9	290x290	40	123	4

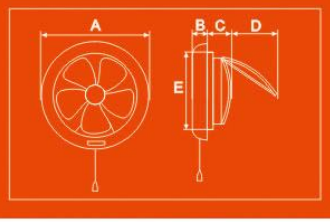






VF-C Round exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-C6	220-240	15	260	37	150
VF-C8	220-240	25	420	39	200

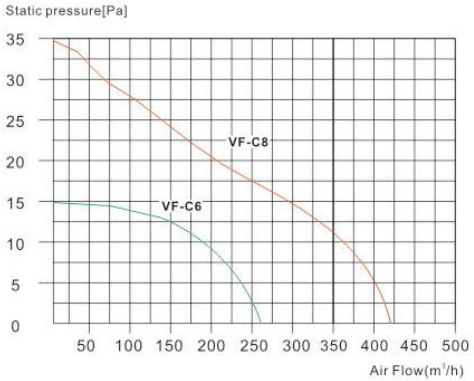
Features:

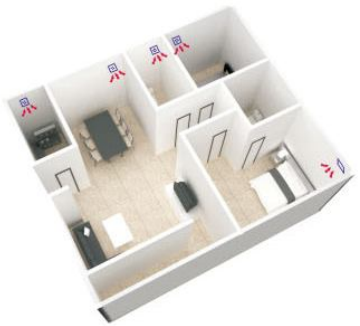
- Top grade PP plastic materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

DEMENSION(mm)

MODEL	A	B	C	D	E
VF-C6	208x208	44	41	130	170
VF-C8	270x270	50	54	180	230

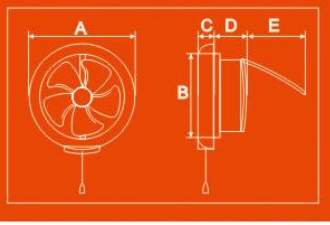






VF-D series Panasonic style round exhaust fans





SPECIFICATIONS

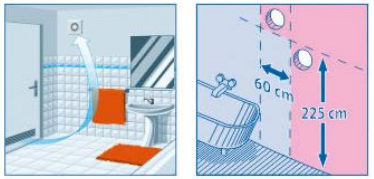
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-D6	220-240	15	300	37	150
VF-D8	220-240	25	480	39	200

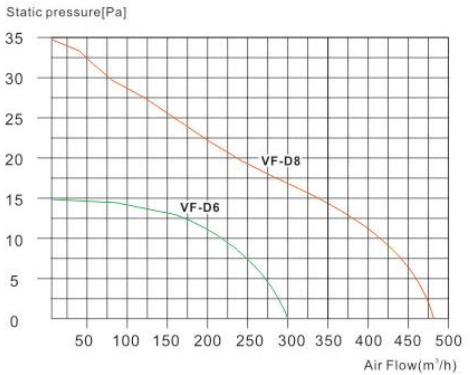
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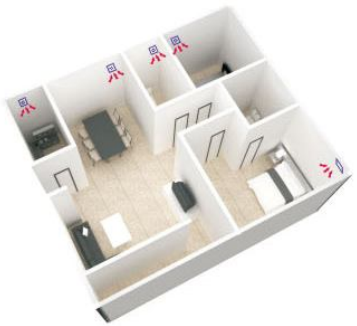
- Top grade PP plastic materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

DEMENSION(mm)

MODEL	A	B	C	D	E
VF-D6	210x210	183	38	54	160
VF-D8	271x271	245	42	62	205

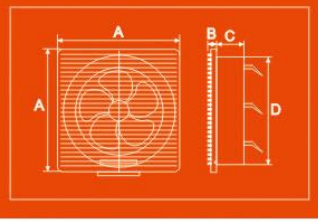






VF-AB Plastic front grille square exhaust fans





SPECIFICATIONS

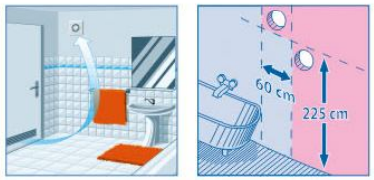
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AB6	220-240	25	330	37	150
VF-AB8	220-240	32	520	40	200
VF-AB10	220-240	42	860	42	250
VF-AB12	220-240	50	1200	47	300

DIMENSION(mm)

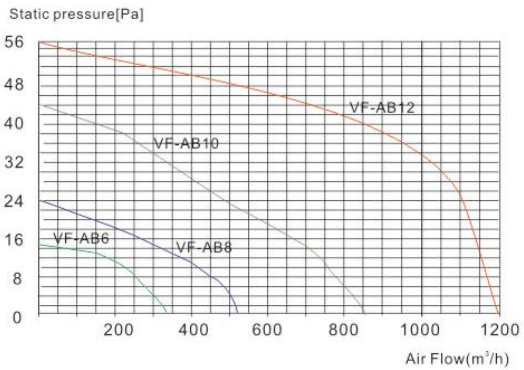
MODEL	A	B	C	D
VF-AB6	225x225	48	75	193
VF-AB8	295x300	48	85	242
VF-AB10	345x350	48	90	291
VF-AB12	400x405	48	95	345

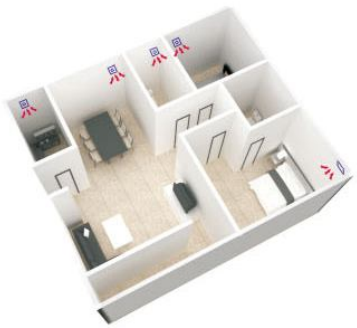
Features:

- Top grade PP plastic materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.



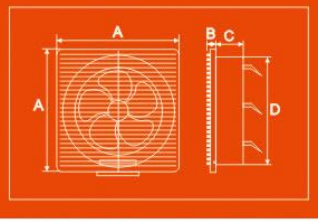






VF-AV Metal body and shutters square type exhaust fans with front grille





SPECIFICATIONS

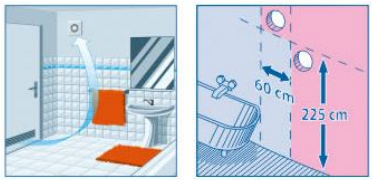
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AV6	220-240	25	330	37	150
VF-AV8	220-240	32	520	40	200
VF-AV10	220-240	42	860	42	250
VF-AV12	220-240	50	1200	47	300

DIMENSION(mm)

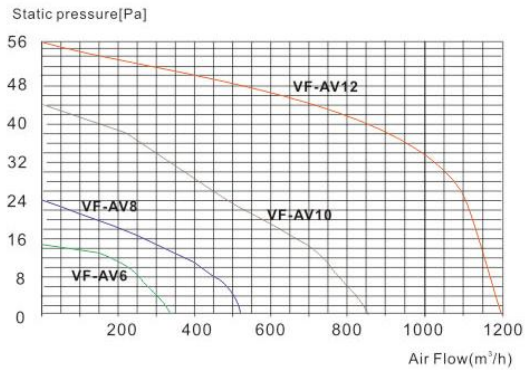
MODEL	A	B	C	D
VF-AV6	225x225	48	77	172
VF-AV8	295x300	48	71	242
VF-AV10	345x350	48	71	291
VF-AV12	400x405	48	91	342

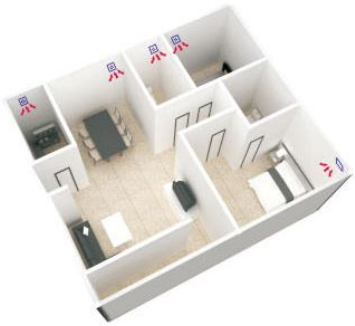
Features:

- Top grade PP plastic materials,Metal body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.



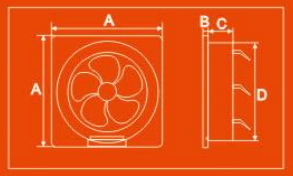






VF-AK Plastic square exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AK6	220-240	25	330	37	150
VF-AK8	220-240	32	520	40	200
VF-AK10	220-240	42	860	42	250
VF-AK12	220-240	50	1200	47	300

Features:

- Top grade PP plastic materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

DIMENSION(mm)

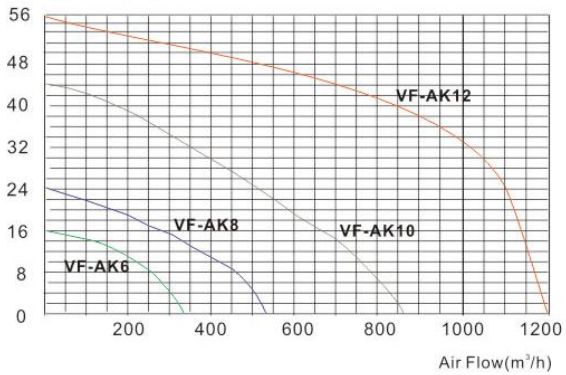
MODEL	A	B	C	D
VF-AK6	225x225	30	75	193
VF-AK8	295x300	30	85	242
VF-AK10	345x350	30	90	290
VF-AK12	400x405	30	95	345

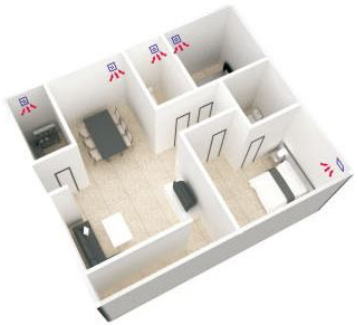






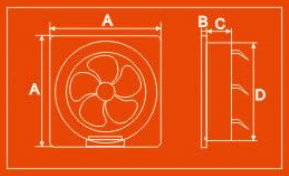
Static pressure[Pa]





VF-AD Metal body and shutters square type exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AD6	220-240	25	330	37	150
VF-AD8	220-240	32	520	40	200
VF-AD10	220-240	42	860	42	250
VF-AD12	220-240	50	1200	47	300

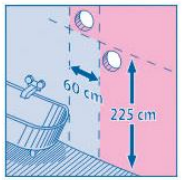
Features:

- Top grade PP plastic material,Metal body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

DIMENSION(mm)

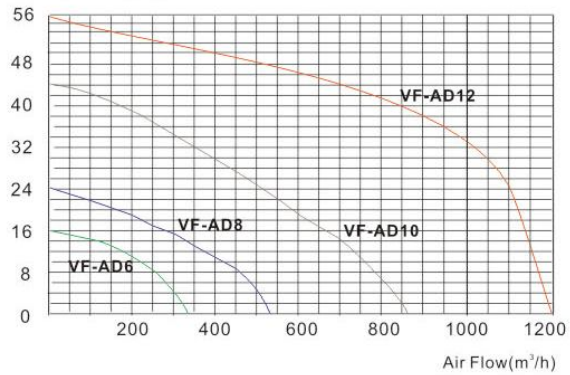
MODEL	A	B	C	D
VF-AD6	225x225	30	77	172
VF-AD8	295x300	30	71	242
VF-AD10	345x350	30	71	291
VF-AD12	400x405	30	93	342

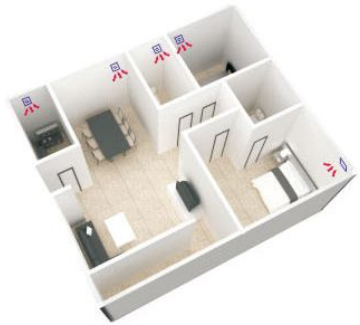






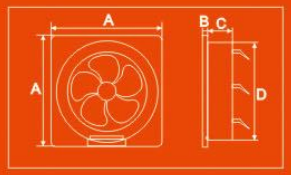
Static pressure[Pa]





VF-AE Full Plastic exhaust fans





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AE6	220-240	25	330	37	150
VF-AE8	220-240	32	520	40	200
VF-AE10	220-240	42	860	42	250
VF-AE12	220-240	50	1200	47	300

DIMENSION(mm)

MODEL	A	B	C	D
VF-AE6	225x225	30	75	193
VF-AE8	295x300	30	85	242
VF-AE10	345x350	30	90	290
VF-AE12	400x405	30	95	345

Features:

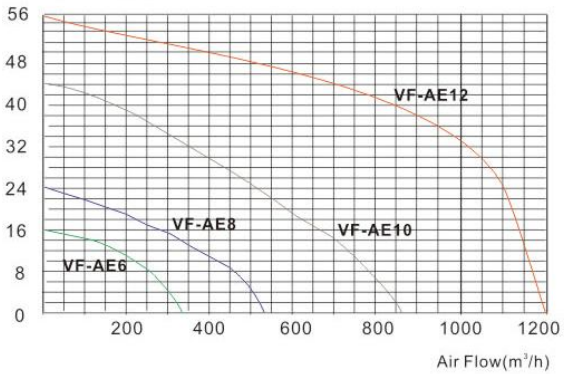
- Top grade PP plastic materials.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.







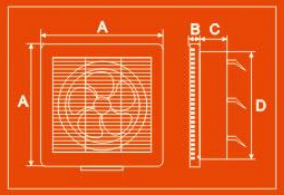
Static pressure[Pa]





VF-AG Full plastic exhaust fan (ABS front grille)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AG6	220-240	25	330	37	150
VF-AG8	220-240	32	520	39	200
VF-AG10	220-240	42	860	42	250
VF-AG12	220-240	50	1200	47	300

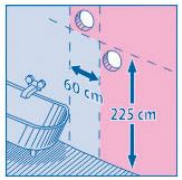
DIMENSION(mm)

MODEL	A	B	C	D
VF-AG6	222x230	66	75	193
VF-AG8	290x305	70	85	242
VF-AG10	345x350	75	90	290
VF-AG12	400x405	75	95	345

Features:

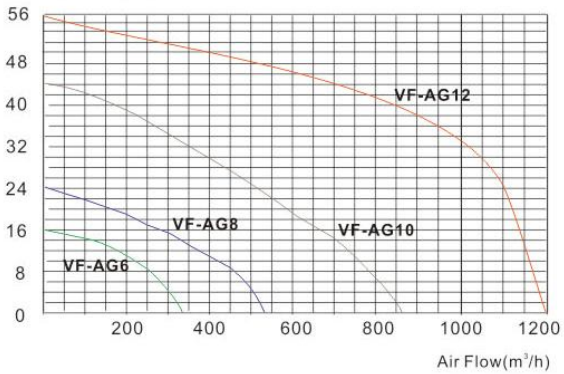
- Top grade PP plastic material,Metal body and shutters. ABS grille with mat finish.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

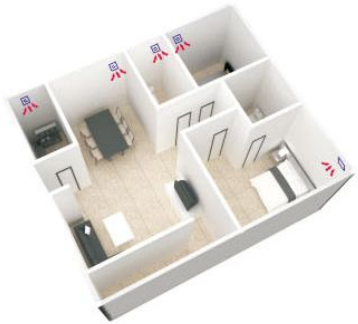






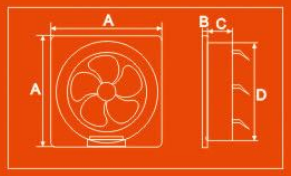
Static pressure[Pa]





VF-AU Metal body and shutters exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AU6	220-240	25	330	37	150
VF-AU8	220-240	32	520	40	200
VF-AU10	220-240	42	860	42	250
VF-AU12	220-240	50	1200	47	300

DIMENSION(mm)

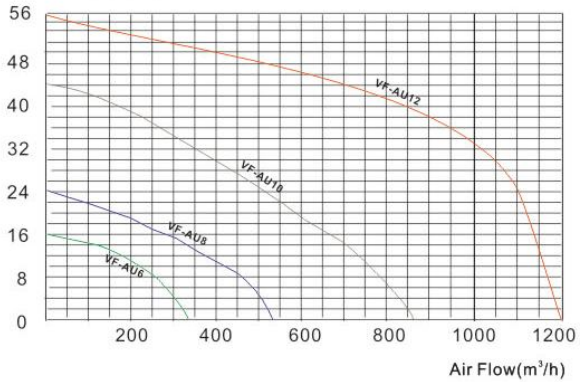
MODEL	A	B	C	D
VF-AU6	225x225	30	77	172
VF-AU8	295x295	30	71	242
VF-AU10	350x355	30	71	291
VF-AU12	400x405	30	93	342

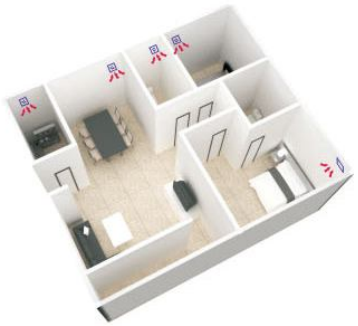
Features:

- Top grade PP plastic material,Metal body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

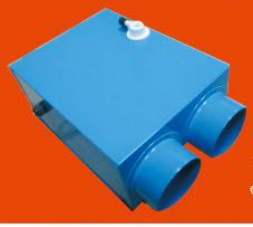


Static pressure[Pa]





VF-HR100/150 Heat recovery unit









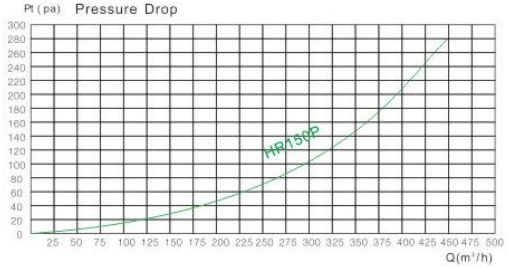
SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
HR100	220-240	30/24	88/45	33	100
HR150P (Passive=no fans)					150

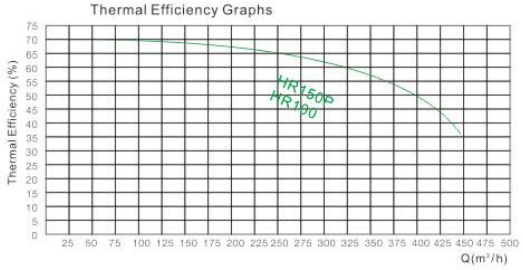
DIMENSION(mm)

MODEL	A	B	C	D
HR100	304	235	155	96
HR150	236	366	198	150

Pt (pa) Pressure Drop



Thermal Efficiency Graphs

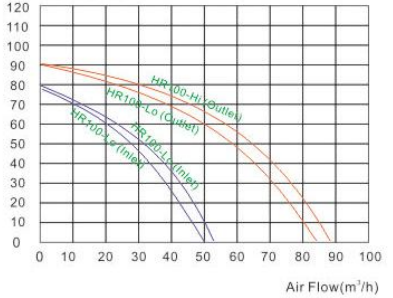


The HR100 is remote mounting unit to procide balanced ventilation with up to 70% heat recovery for applications where there is no immediate access to an external wall.The HR100 is ideal for installations involving internal bathrooms and meets building regulation requirements for this application.

A two speed motor provides for constant low rate ventilation with a boost speed option.Fresh pre-warmed air from outside is continually provided to the room with simultaneous extraction of stale air and smells.Heat is transferred from outgoing air to the fresh air supply with zero cross contamination,maintaining internal temperatures and providing a fresh environment.

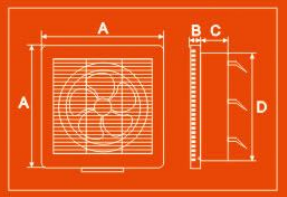
The HR150 is a passive remote mounting unit providing balanced ventilation with up to 70% heat recovery where there is no immediate access to an external wall.As the HR150 has no fans,It is ideal for use with In-line fans and compatible accessories.

Static pressure[Pa]



VF-AP ABS body with metal shutters exhaust fan (ABS front grille)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AP6	220-240	25	330	37	150
VF-AP8	220-240	32	520	39	200
VF-AP10	220-240	42	860	42	250
VF-AP12	220-240	50	1200	47	300

DIMENSION(mm)

MODEL	A	B	C	D
VF-AP6	222x230	66	75	193
VF-AP8	290x305	70	85	242
VF-AP10	345x350	75	90	290
VF-AP12	400x405	75	95	345

Features:

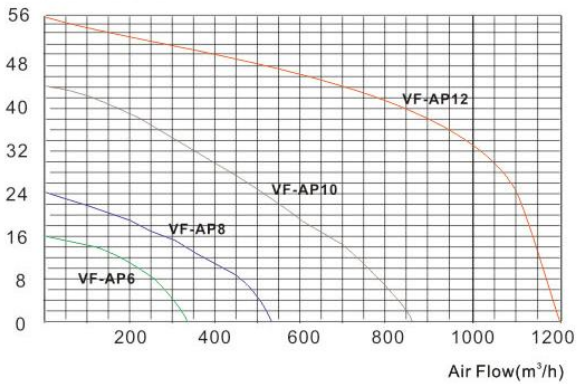
- ABS front grille fan body fit with metal shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

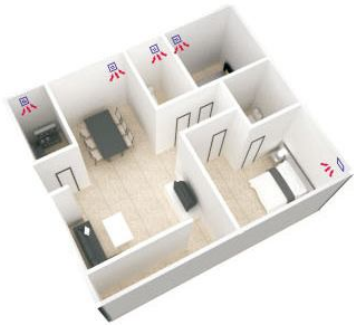






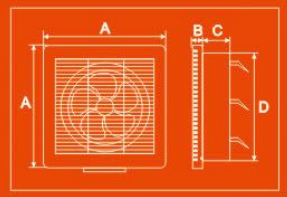
Static pressure[Pa]





VF-AM Metal body & shutters exhaust fan (ABS front grille)





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AM6	220-240	25	330	37	150
VF-AM8	220-240	32	520	39	200
VF-AM10	220-240	42	860	42	250
VF-AM12	220-240	50	1200	47	300

DIMENSION(mm)

MODEL	A	B	C	D
VF-AM6	222x230	66	75	193
VF-AM8	290x305	70	85	242
VF-AM10	345x350	75	90	290
VF-AM12	400x405	75	95	345

Features:

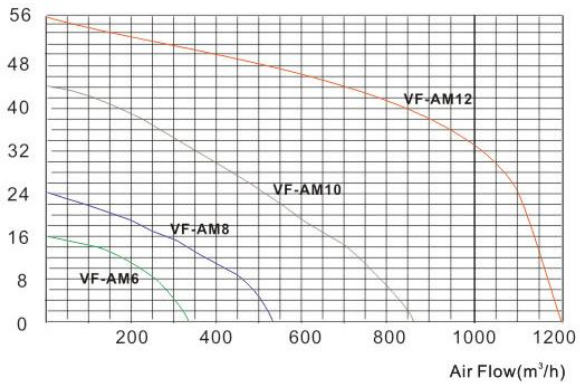
- Metal body and shutters & ABS grille with mat finish.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.

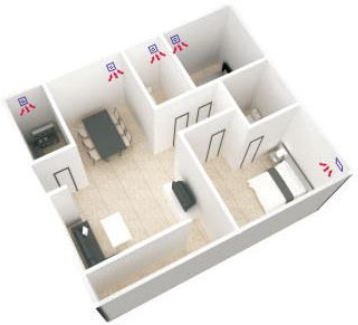






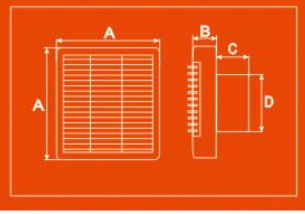
Static pressure[Pa]





VF-F Electric shutters exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-F6	220-240	25	183	33	150
VF-F8	220-240	32	413	39	200

DIMENSION(mm)

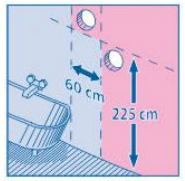
MODEL	A	B	C	D
VF-F6	222x230	66	97	174
VF-F8	290x305	70	102	236

Features:

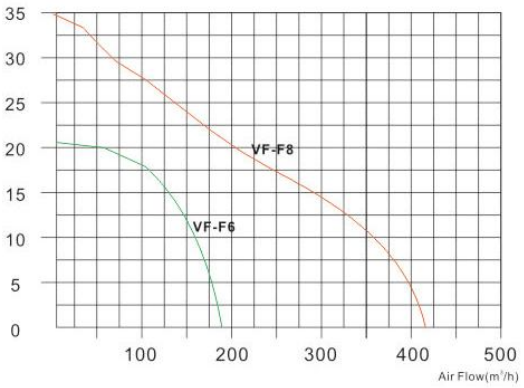
- Top grade PP plastic material,Electric shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Special motor structrue to cause long life and not motor jam.
- Fantastic grille design made from ABS materials.

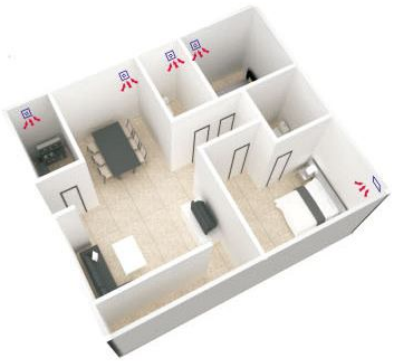






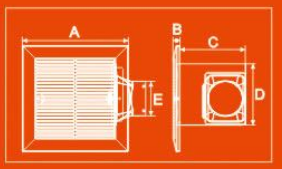
Static pressure[Pa]





VF-BP Metal body Ceiling tubular exhaust fan





SPECIFICATIONS

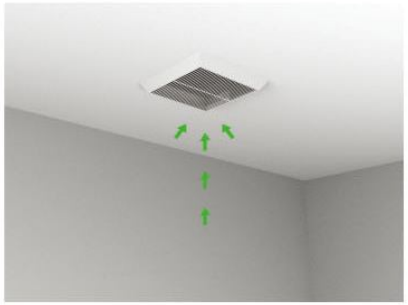
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-BP17	220-240	18	80	26	100
VF-BP24	220-240	24	150	28	100
VF-BP27	220-240	40	280	35	150
VF-BP32	220-240	55	480	40	150
VF-BP38	220-240	100	620	45	150

DIMENSION(mm)

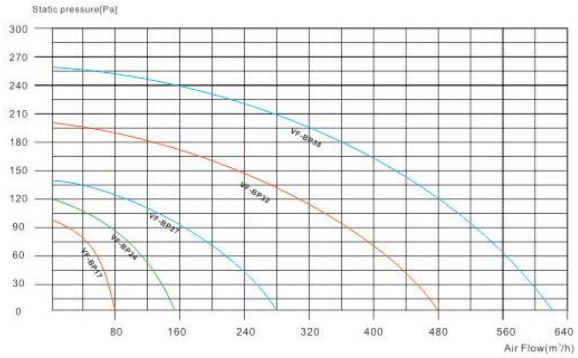
MODEL	A	B	C	D	E
VF-BP17	230x230	13	185	177	98
VF-BP24	290x290	16	200	230	98
VF-BP27	330x330	19	240	260	146
VF-BP32	380x380	19	240	310	146
VF-BP38	450x450	22	250	377	146

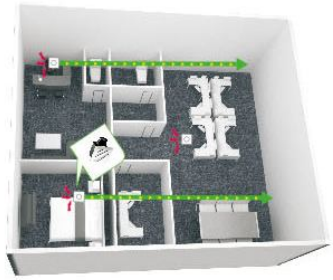
Features:

- Metal body and Eco-HP motor
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Japanese ball bearings motorensure long life
- Fantastic grille design made from ABS covers



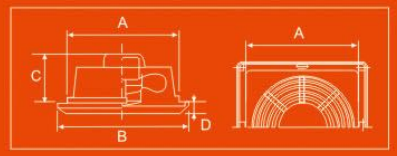
Static pressure[Pa]





VF-AF plastic axial vent ceiling exhaust fans





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-AF6	220-240	25	330	37	150
VF-AF8	220-240	32	520	40	200
VF-AF10	220-240	42	860	42	250
VF-AF12	220-240	50	1200	47	300

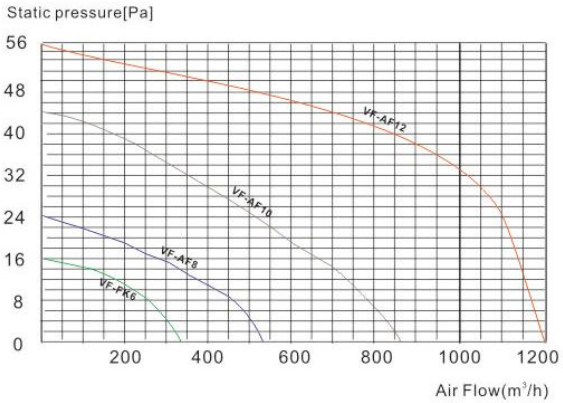
DIMENSIONS(mm)

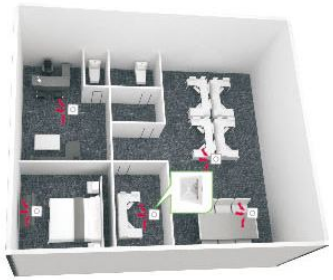
MODEL	A	B	C	D
VF-AF6				
VF-AF8	240×240	272x272	148	20
VF-AF10	290×290	315x315	155	20
VF-AF12				

Features:

- Plastic body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Top grade motor ensure long life
- Fantastic grille design made from ABS covers

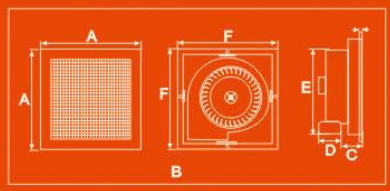






VF-BA plastic tubular ceiling exhaust fans with ultra cover





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]
VF-BA810	220-240	20	150	38
VF-BA815	220-240	24	200	40
VF-BA1020	220-240	30	250	43
VF-BA1030	220-240	36	300	45

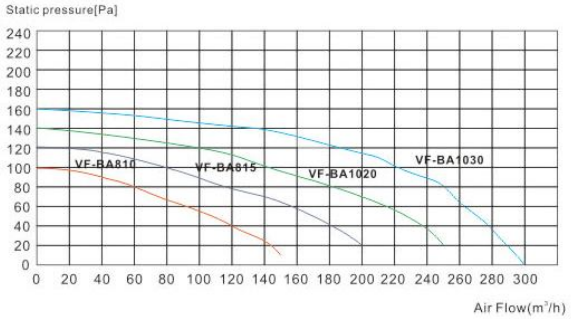
DIMENSIONS(mm)

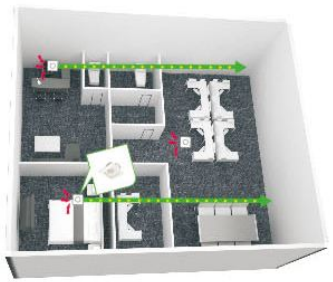
MODEL	A	B	C	D	E	F
VF-BA810	256X256	20	51	98	205	252
VF-BA815	270X270	20	51	98	228	265
VF-BA1020	316X316	20	51	98	275	310
VF-BA1030	316X316	20	51	98	275	310

Features:

- Plastic body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Top grade motor ensure long life
- Fantastic grille design made from ABS covers

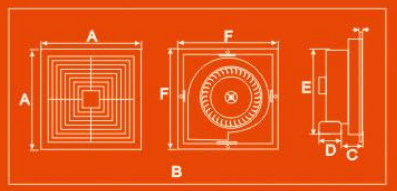






VF-BC plastic tubular ceiling exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]
VF-BC810	220-240	20	150	38
VF-BC815	220-240	24	200	40
VF-BC1020	220-240	30	250	43
VF-BC1030	220-240	36	300	45

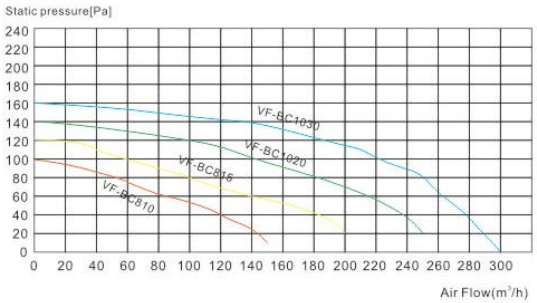
DIMENSIONS(mm)

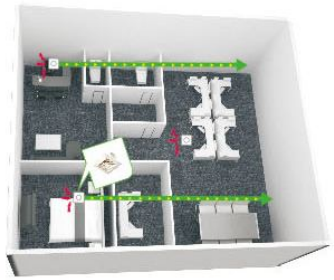
MODEL	A	B	C	D	E	F
VF-BC810	256X256	20	51	98	205	252
VF-BC815	270X270	20	51	98	228	265
VF-BC1020	316X316	20	51	98	275	310
VF-BC1030	316X316	20	51	98	275	310

Features:

- Plastic body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Top grade motor ensure long life
- Fantastic grille design made from ABS covers

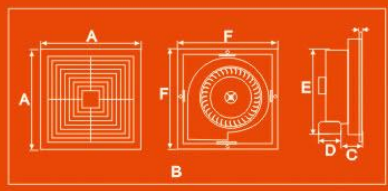






VF-BT plastic tubular ceiling exhaust fans with ultra cover





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]
VF-BT810	220-240	20	150	38
VF-BT815	220-240	24	200	40
VF-BT1020	220-240	30	250	43
VF-BT1030	220-240	36	300	45

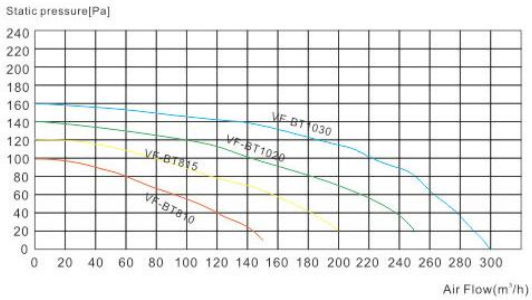
DIMENSIONS(mm)

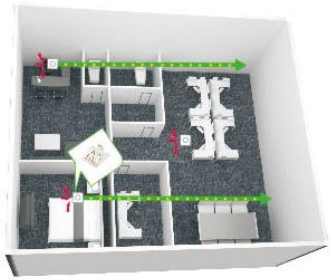
MODEL	A	B	C	D	E	F
VF-BT810	256X256	10	51	98	205	252
VF-BT815	270X270	10	51	98	228	265
VF-BT1020	316X316	10	51	98	275	310
VF-BT1030	316X316	10	51	98	275	310

Features:

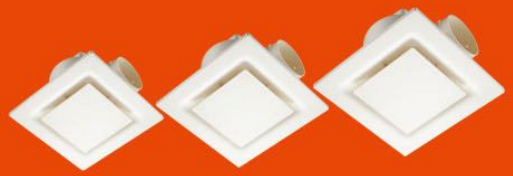
- Plastic body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Top grade motor ensure long life
- Fantastic grille design made from ABS covers

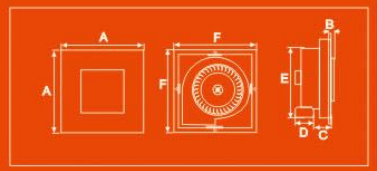






VF-BD plastic tubular ceiling exhaust fans





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]
VF-BD810	220-240	20	150	38
VF-BD815	220-240	24	200	40
VF-BD1020	220-240	30	250	43
VF-BD1030	220-240	36	300	45

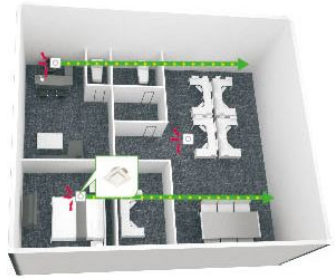
DIMENSIONS(mm)

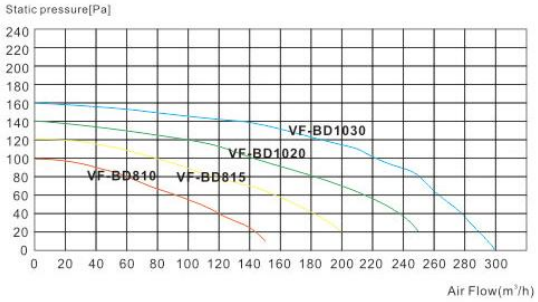
MODEL	A	B	C	D	E	F
VF-BD810	256X256	20	51	98	205	252
VF-BD815	270X270	20	51	98	228	265
VF-BD1020	316X316	20	51	98	275	310
VF-BD1030	316X316	20	51	98	275	310

Features:

- Plastic body .
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Top grade motor ensure long life
- Fantastic grille design made from ABS covers

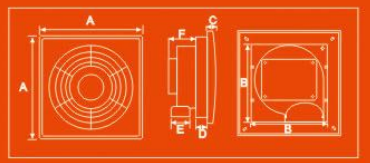






VF-BL plastic tubular ceiling exhaust fans with Light lamp





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]
VF-BL810	220-240	60	150	38

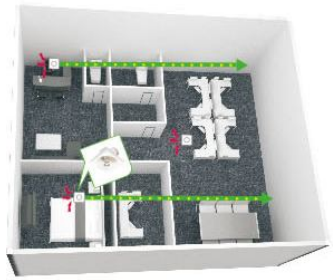
DIMENSIONS(mm)

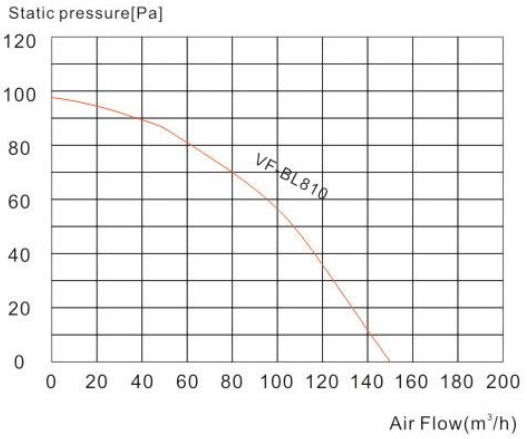
MODEL	A	B	C	D	E	F
VF-BL810	256	204	40	33	99	125

Features:

- Plastic body and with Lamp for lighting function
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Top grade motor ensure long life
- Fantastic grille design made from ABS covers

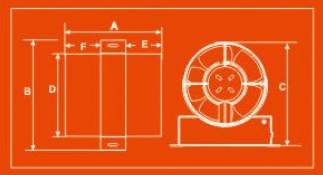






VF-IF Axial inline fan



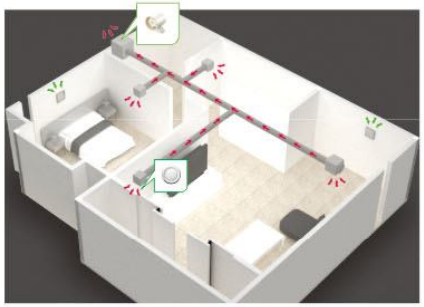


SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-IF4	220-240	15	80	39	100
VF-IF5	220-240	20	150	40	120
VF-IF6	220-240	25	250	42	150
VF-IF8	220-240	35	370	45	200

DIMENSION(mm)

MODEL	A	B	C	D	E	F
VF-IF4	125	160	138	98	29	60
VF-IF5						
VF-IF6	172	197	185	147	64	64
VF-IF8						

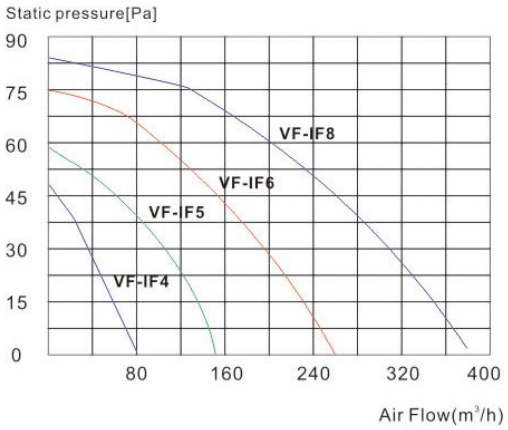


combinations:

- can choose gravity shutters or fix shutters to vent through flexible pipe.
- can choose light lamp holder with vent outlet 2-in-1 set.

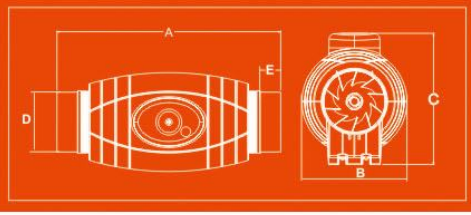






VF-TD Mix flow silence blower





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-TD4	220-240	32	175	24	100
VF-TD5	220-240	32	280	20	125
VF-TD6	220-240	55	480	22	150
VF-TD8	220-240	100	840	20	200

DIMENSION(mm)

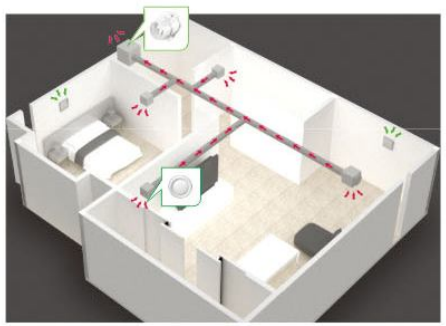
MODEL	A	B	C	D	E
VF-TD4	579	204	255	97	28
VF-TD5	462	204	255	123	42
VF-TD6	486	221	276	146	42
VF-TD8	569	265	330	199	42

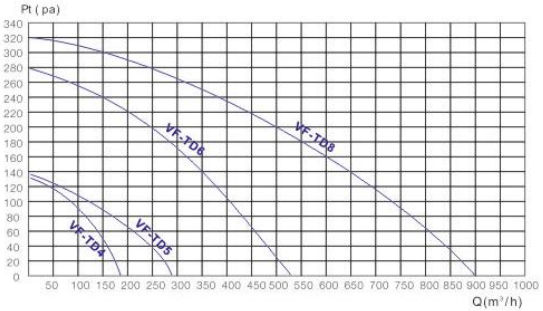
The model offer solutions to ventilation problems,especially in places where people work and low sound level is required.

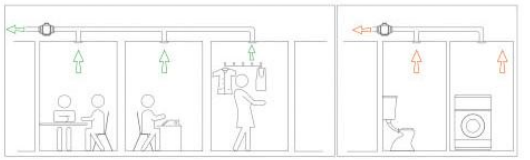
Low profile Mixflow fans with sound-absorbent insulation.Extremely Quiet.

Manufactured in plastic material,with a specifically designed internal skin to direct the sound waves in the right angle for them to be captured by the sound absorbent material.

Safety thermal overload protection.

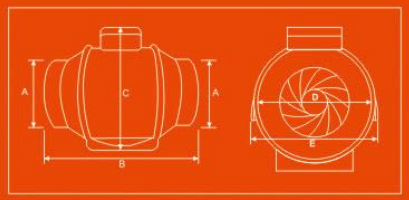






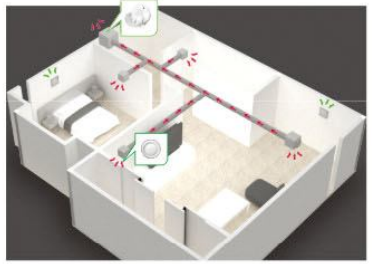
VF-IC Mixflow inline mini-blowers

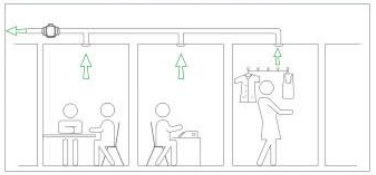


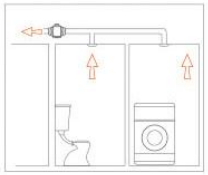


SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-IC4(L/H)	220-240	20/25	150/190	28/35	100
VF-IC5(L/H)	220-240	25/30	220/280	29/36	125
VF-IC6(L/H)	220-240	65/80	330/460	33/44	150
VF-IC7(L/H)	220-240	65/80	510/600	33/44	160
VF-IC8(L/H)	220-240	105/130	700/820	45/52	200
VF-IC10(L/H)					
VF-IC12(L/H)					

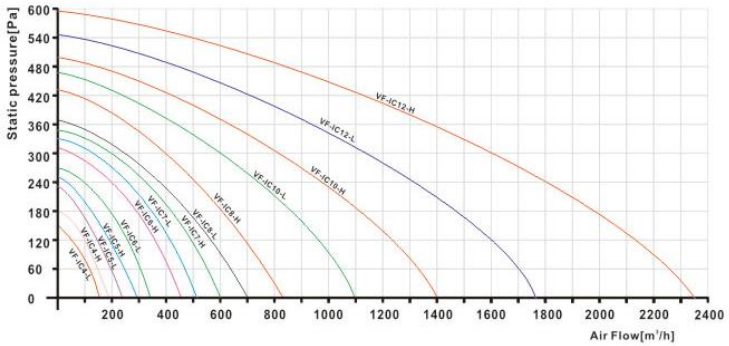






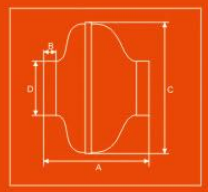
DIMENSION(mm)

MODEL	A	B	C	D	E
VF-IC4	96	246	190	140	167
VF-IC5	123	246	190	140	167
VF-IC6	146	295	250	195	233
VF-IC7	158	295	250	195	233
VF-IC8	199	295	261	209	239
VF-IC10	247	383	323	257	281
VF-IC12	310	445	408	323	362



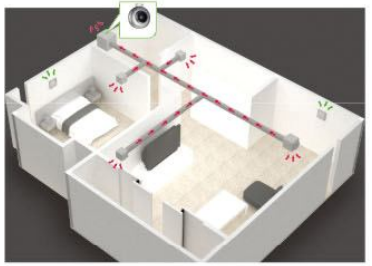
VF-ID circular Metal centrifugal inline blowers

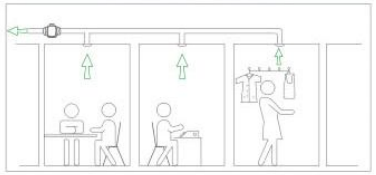


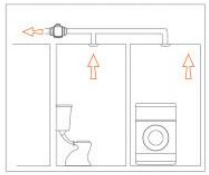


SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-ID4	220-240	70	320	35	100
VF-ID5	220-240	75	400	40	125
VF-ID6	220-240	100	700	42	150
VF-ID7	220-240	100	800	42	160
VF-ID8	220-240	158	980	44	200
VF-ID10	220-240	190	1350	44	250
VF-ID12	220-240	280	1750	44	315

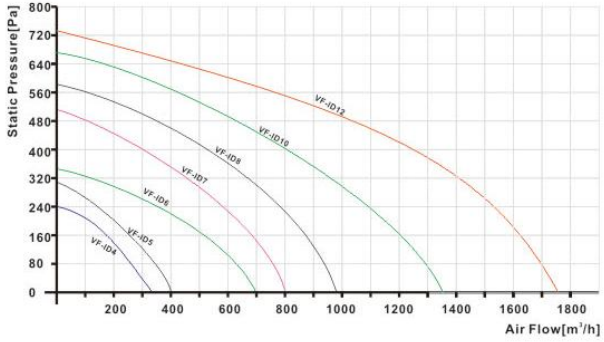






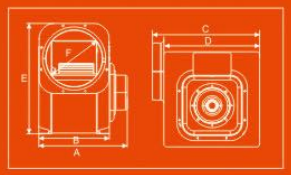
DIMENSION(mm)

MODEL	A	B	C	D
VF-ID4	194	23	243	100
VF-ID5	195	27	243	125
VF-ID6	222	28	333	150
VF-ID7	222	28	333	160
VF-ID8	223	25	333	200
VF-ID10	206	27	333	250
VF-ID12	258	25	402	315



VF-FF Mini side-side centrifugal inline blowers



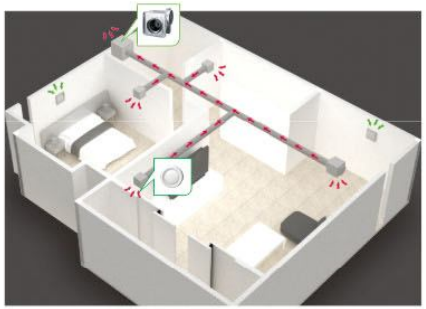


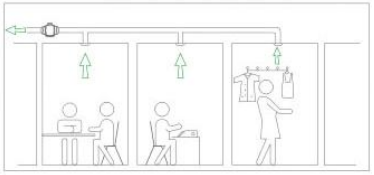
SPECIFICATIONS

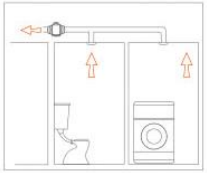
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-FF1015	220-240	26	150	39	100
VF-FF1228	220-240	41	280	40	150
VF-FF1538	220-240	50	380	42	150
VF-FF1545	220-240	55	450	45	150
VF-FF1860	220-240	88	600	46	200
VF-FF1880	220-240	135	800	48	200
VF-FF1890	220-240	150	900	50	200
VF-FF20120	220-240	200	1200	62	200
VF-FF20140	220-240	280	1400	65	200
VF-FF20160	220-240	315	1600	69	200

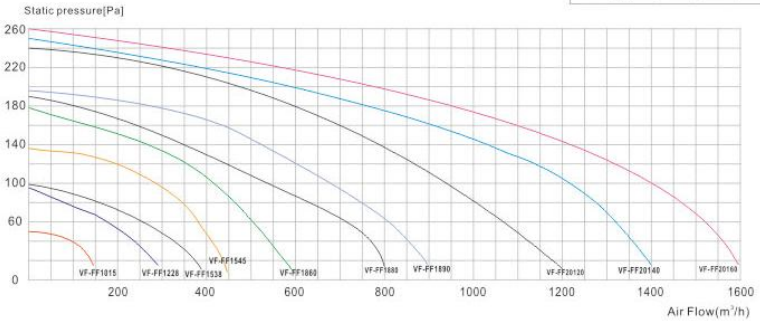
DIMENSION(mm)

MODEL	A	B	C	D	E	F
VF-FF10 series	171	124	207	172	190	98
VF-FF12 series	219	169	246	218	257	148
VF-FF15 series	233	186	282	291	290	148
VF-FF18 series	298	235	335	300	357	198
VF-FF20 series	348	260	368	330	411	198



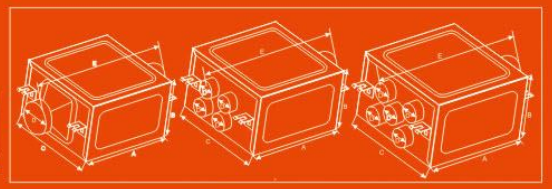






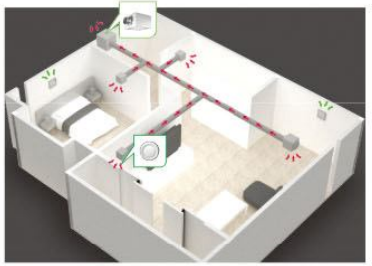
VF-VB Mini straight to straight blowers





SPECIFICATIONS

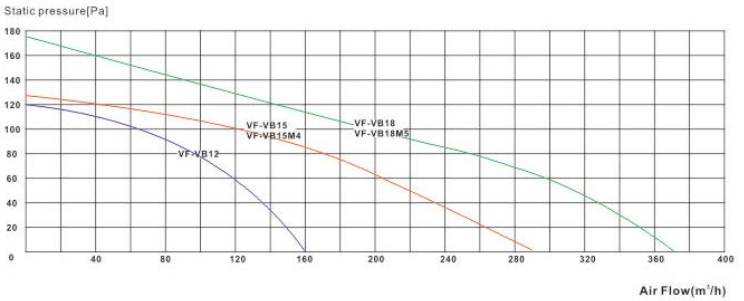
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-VB12	220-240	35	160	23	100
VF-VB15	220-240	45	290	28	150
VF-VB15M4	220-240	45	290	28	150/75
VF-VB18	220-240	65	370	31	150
VF-VB18M5	220-240	65	370	31	150/75



DIMENSION(mm)

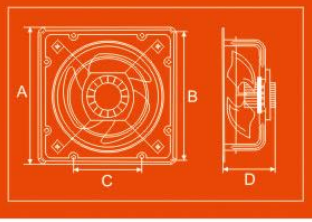
MODEL	A	B	C	D	E
VF-VB12	147	147	147	98	270
VF-VB15	133	133	133	148	324
VF-VB15M4	147	147	147	73	270
VF-VB18	147	147	147	148	270
VF-VB18M5	147	147	147	73	270





VF-LA Powerful Metal exhaust fans





SPECIFICATIONS

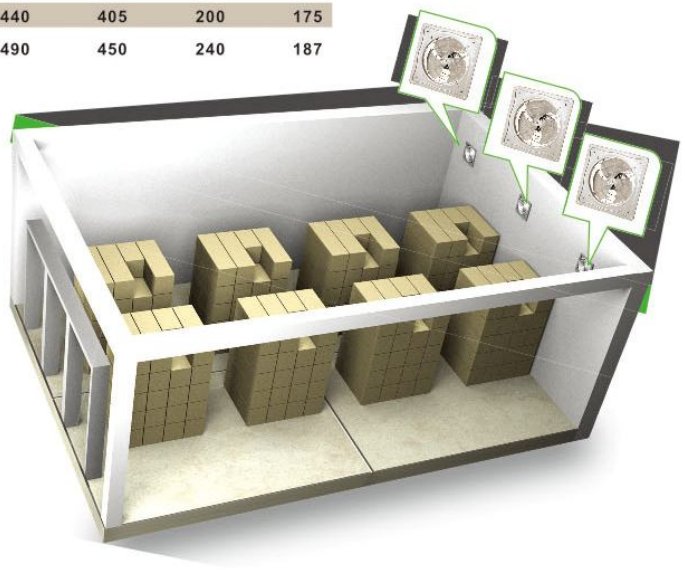
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-LA8	220-240	20	520	38	200
VF-LA10	220-240	30	880	41	250
VF-LA12	220-240	42	1250	46	300
VF-LA14	220-240	85	2250	49	350
VF-LA16	220-240	125	3500	63	400

DIMENSION(mm)

MODEL	A	B	C	D
VF-LA8	300x300	274	150	142
VF-LA10	350x350	325	160	167
VF-LA12	400x400	370	200	171
VF-LA14	440x440	405	200	175
VF-LA16	490x490	450	240	187

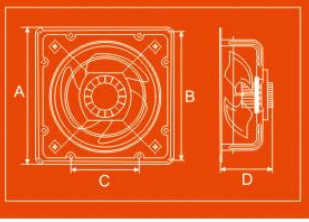
Features:

- Metal body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Silence for storage and warehouse, factory etc.
- Japan ball bearings



VF-LB Panasonic type Metal powerful exhaust fans





SPECIFICATIONS

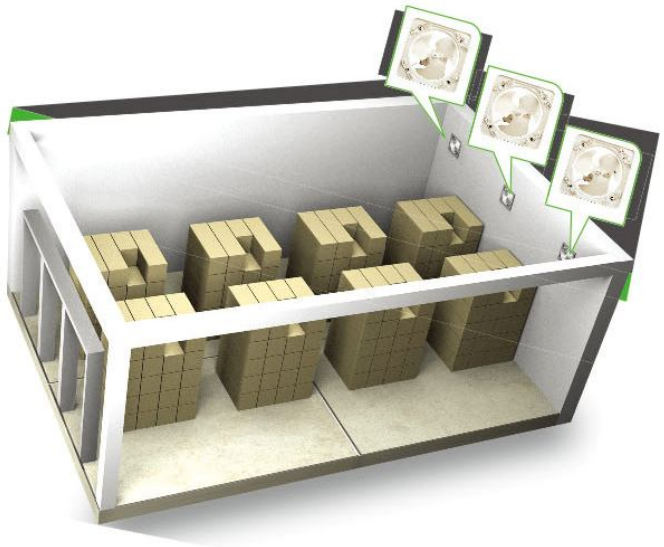
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-LB10	220-240	30	880	41	250
VF-LB12	220-240	42	1250	46	300

DIMENSION(mm)

MODEL	A	B	C	D
VF-LB10	350x350	325	160	167
VF-LB12	400x400	370	200	171

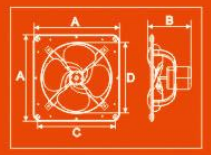
Features:

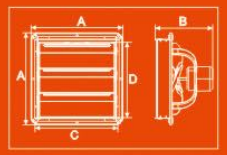
- Metal body
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- Silence for storage and warehouse, factory etc.
- Japan ball bearings



VF-FA Metal industral exhaust fan







SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-FA10/10L/10LN	220-240	30	760	55	250
VF-FA12/12L/12LN	220-240	45	1200	62	300
VF-FA14/14L/14LN	220-240	68	1550	66	350
VF-FA16/16L/16LN	220-240	82	1800	70	400

DIMENSION(mm)

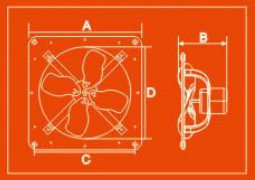
MODEL	A	B	C	D
VF-FA10	315x315	157	285	250
VF-FA12	372x372	170	340	295
VF-FA14	450x450	180	420	375
VF-FA16	480x480	215	440	410

DIMENSION(mm)

MODEL	A	B	C	D
VF-FA10L/10LN	315x315	203	285	250
VF-FA12L/12LN	372x372	218	340	295
VF-FA14L/14LN	450x450	226	420	375
VF-FA16L/16LN	480x480	265	440	410

VF-FB Metal industral exhaust fan





SPECIFICATIONS

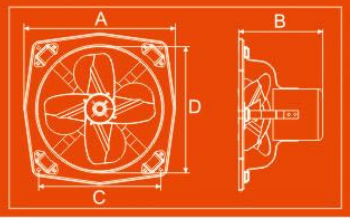
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Size [mm]
VF-FB10	220-240	28	760	250
VF-FB12	220-240	45	1200	300
VF-FB14	220-240	71	1550	350
VF-FB16	220-240	82	1800	400

DIMENSION(mm)

MODEL	A	B	C	D
VF-FB10	315x315	157	285	250
VF-FB12	372x372	170	340	295
VF-FB14	450x450	180	420	375
VF-FB16	480x480	215	440	410

VF-FQ Powerful heavy duty metal exhaust fan





SPECIFICATIONS

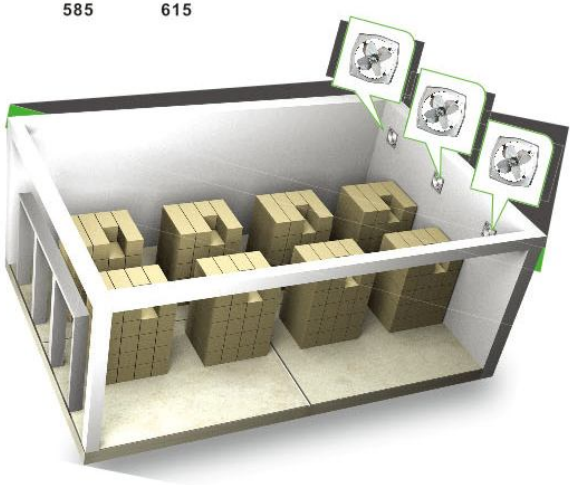
Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Size [mm]
VF-FQ9	220-240	30	780	230
VF-FQ12	220-240	90	1920	300
VF-FQ16	220-240	150	3500	400
VF-FQ18	220-240	220	6000	450
VF-FQ24	220-240	200	11700	600

Features:

- Metal body and heavy duty, powerful
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.
- powerful for storage and warehouse, factory etc.
- ball bearings motors

DEMENSION(mm)

MODEL	A	B	C	D
VF-FQ9	298x298	195	235	235
VF-FQ12	390x390	250	315	320
VF-FQ16	483x483	275	385	412
VF-FQ18	562x562	348	435	470
VF-FQ24	700x700	385	585	615



16" Electric fan(Heavy duty)



16" Wall Fan

Features:

1. Oscillation Control.
   Oscillation can be started or stopped by pulling a single oscillation control cord.
2. Easy Wall Mounting.
   A special mounting plate is provided for easy and quick installation of the fan on a wall
3. "One-Touch"adjustment of tilt
   The air flow can be adjusted upward or downward by simply moving the guard up or down.



16" Table Fan



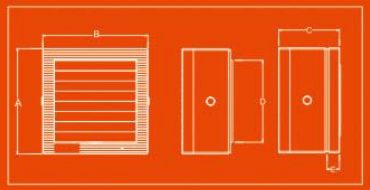
16" Stand Fan

Features:

1. The Motor is made of Silicon steel lamination-Heavy duty.
2. Built-in thermo-fuse to cut off automatically protection.
3. Metal blades.
4. Large air flow,low noise.
5. Aluminum blade with electrostatic coating(Blue;Beige;Green)

VF-T Automatic shutters bathroom exhaust fan





SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Size [mm]
VF-T4	220-240	15	80	33	100
VF-T6	220-240	25	250	35	150
VF-T9	220-240	40	580	38	230

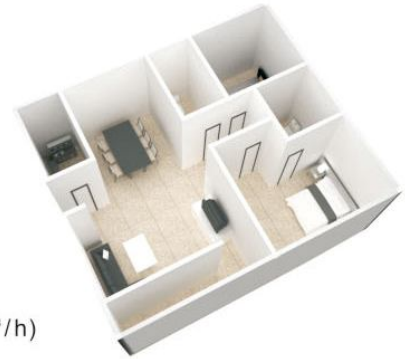
Features:

- LG ABS plastic body and shutters.
- elegant design and lower noise.
- Silicon steel motor and 100% pure copper winding
- Built-in thermo-cut-off protect the motor.

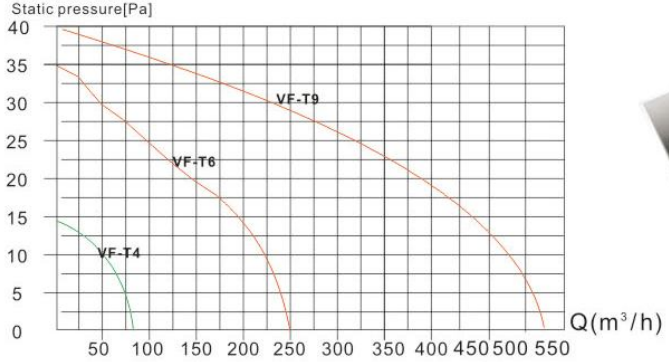
DIMENSION(mm)

MODEL	A	B	C	D
VF-T4				
VF-T6	204	204	118	149
VF-T9	290	290	142	234





Static pressure[Pa]



VF-TT Backward centrifugal inline fan



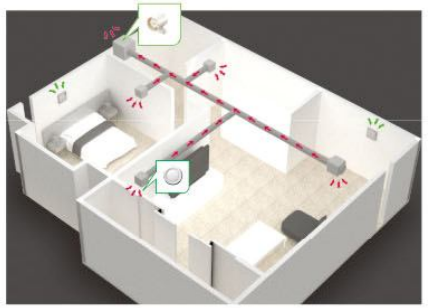


SPECIFICATIONS

Model	Rated Voltage [V]	Input [W]	Air-flow [m³/h]	Noise [dB]	Duct Size [mm]
VF-TT100	220-240	20	108	33	100
VF-TT125	220-240	25	210	35	125
VF-TT150	220-240	30	320	38	150

DIMENSION(mm)

MODEL	A	B	C	D	E	F
VF-TT100	187	182	172	96	35	154.5



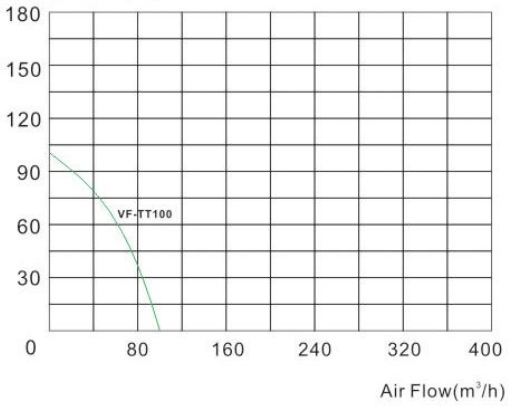
combinations:

- can choose gravity shutters or fix shutters to vent through flexible pipe.
- can choose light lamp holder with vent outlet 2-in-1 set.





Static pressure[Pa]



VF-CF56 AC 56" ceiling electric fan (heavy duty motor)



Blade angle: 10-11degree

Specifications

Model	Blade Size [mm]	Volt/Hz	Input power [kw]	Speed [R.P.M]	Air Volume [m^3/h]	Net Weight [kg]
VF-CF56	1400	220-240/50	0.08	280	13800	7

56" Ceiling electric fan

1. Compact size condenser controlled regulator
2. 3-speed selection
3. Powerful long life motor prolongsproduct durability
4. Thermal fuse prevents overheatingor power surge
5. Safety wire provided to prevent detachment of fan motor from rod
6. Quiet Operation

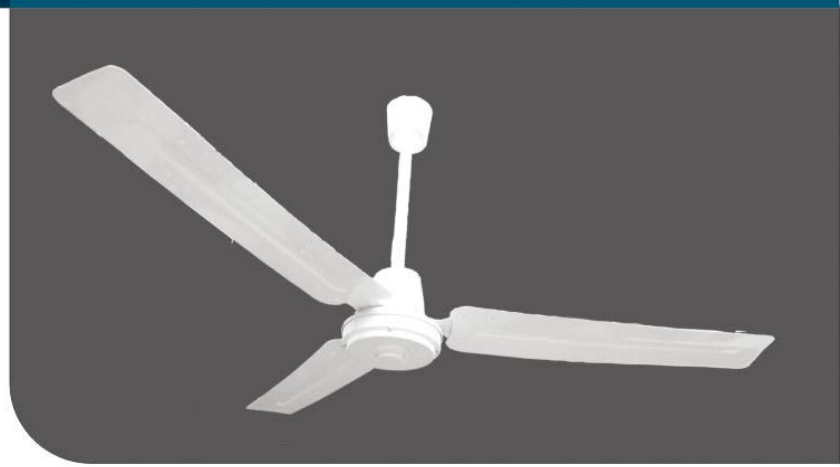
Description

1. 56"celiling fan
2. 3-speed control
3. White in colour
4. High performance motor






DC Brushless Eco-ceiling fans



Blade angle: 10-11degree

Specifications

Model	Blade Size [mm]	Volt/Hz	Input power [kw]	Speed [R.P.M]	Air Volume [m^3/h]	Net Weight [kg]
VF-CF48	1200	12	25	280	11000	4.7

48" Ceiling electric fan

1. DC brushless motor.
2. Eco-motor save 40-50% energy.
3. 3-phase DC brushless motor anti-electromagnetic noise caused.
4. dischargable for battary match.
5. Super quiet operation.

Specifications

Model	Blade Size [mm]	Volt/Hz	Input power [kw]	Speed [R.P.M]	Air Volume [m^3/h]	Net Weight [kg]
VF-CF56	1400	12	35	280	13800	7

56" Ceiling electric fan(AF-CF56)

1. DC brushless motor.
2. Eco-motor save 40-50% energy.
3. 3-phase DC brushless motor anti-electromagnetic noise caused.
4. dischargable for battary match.
5. Super quiet operation.



90 degree bent joint pipe

VBP4 4"(100mm)
VBP5 5"(125mm)
VBP6 6"(150mm)
VBP8 8"(200mm)



120 degree bent joint pipe

OBP4 4"(100mm)
OBP5 5"(125mm)
OBP6 6"(150mm)
OBP8 8"(200mm)



4" slide Joint pipe

Fp4 4"(100mm)



4" Joint Pipe

Cp4 4"(100mm)



PVC rigid Pipe

PRP4 4"(100mm)



Steel Pipe tie

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Bathroom fan
Electronic delay
timer socket

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Nylon Pipe tie

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Bathroom exhaust fans
infra-red sensor sockets
(PIR)

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)

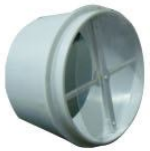


Bathroom exhaust fan
Humidity sensor+Timer
socket

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)

VOLDAM

Accessaries



Plastic anti-reflux shutter
(PVC transparent flap)

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Outdoor air hood
(Steel with coating)

4" (100mm)
5" (125mm)
6" (150mm)
8" (200mm)



Dimmer switch

For Halogen lamp

500W
1000W

220V/60Hz 250W
220V/50Hz 500W



Dimmer switch

For Halogen lamp

1500W

220V/60Hz 1000W
220V/50Hz 1500W



Plastic reducer

TL5-4 (5"- 4")
TL6-4 (6"- 4")
TL8-6 (8"- 6")



Plastic Round grille

RS4 (4")
RS5 (5")
RS6 (6")
RS8 (8")

Accessaries



VF-P series glass mounting kits

4"(100mm)
6"(150mm)



VF-P series glass mounting kits

4"(100mm)
6"(150mm)



For general use outdoor gravity shutter

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



For general use outdoor fix grille shutter

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



plastic air-valve

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Plastic air-valve chrome

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Stainless steel outdoor vent louver (#304)

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Normal steel outdoor vent louver (Powder coating)

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



PVC flexible pipe

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Aluminum flexible pipe

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)

Accessaries



Plastic anti-reflux shutter

4"(100mm)
5"(125mm)
6"(150mm)



Duct mounting ring

For general use as:

A4 & M4
A5 & M5
A6 & M6



Duct mounting ring

For general use as:

N4 & V4,G4,K4,E4
N5 & V5,G5,K5,E5
N6 & V6,G6,K6,E6
N8 & V8,G8,K8,E8



PVC transparent anti-reflux shutters

For general use as:

X4,RV4,K4
X5,RV5,K5
X6,RV6,K6
X8,RV8,K8



Plastic T style joint pipe

TP4 4"(100MM)
TP5 5"(125MM)
TP6 6"(150MM)
TP8 8"(200MM)



Plastic Y style joint pipe

Yp4 4"(100MM)
YP5 5"(125MM)
YP6 6"(150MM)
YP8 8"(200MM)



air grille

Cag4 4"(100mm)
CAG5 5"(125mm)
CAG 6"(150mm)
CAG 8"(200mm)



air grille chrome

CAG4C 4"(100mm)
CAG5C 5"(125mm)
CAG6C 6"(150mm)
CAG8C 8"(200mm)



Anti-reflux shutter duct

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)



Plastic outdoor hood

4"(100mm)
5"(125mm)
6"(150mm)
8"(200mm)