

BETTER **AIRFLOW** *By* **DESIGN**

VENT
FANS
Intelligent Ventilation

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9A Galloway Centre, Strand, Western Cape, 7140 | REG: 2019/148621/07



COMPANY BRIEF INTRODUCTION

With over 50 years of collective experience in the fan industry. Vent Fans offer clients with a wide variety of ventilation equipment. We offer both international and South African known brands of fans, and manufacture axial, centrifuges, silencers and air terminals.

When it comes to air movement technology, Vent Fans has continuously innovated to become a leader in the fan manufacturing and air movement industry.

Vent Fans adheres to the concept of "quality first" and constantly improves in all private, small business, SME and corporate enterprise and industry markets.

Vent Fans has won the trust and praise of many clients, Nationally. We will keep providing professional, personalized and comprehensive services for all our clients.

VF-DV-SERIES

VF-METAL EXHAUST FAN

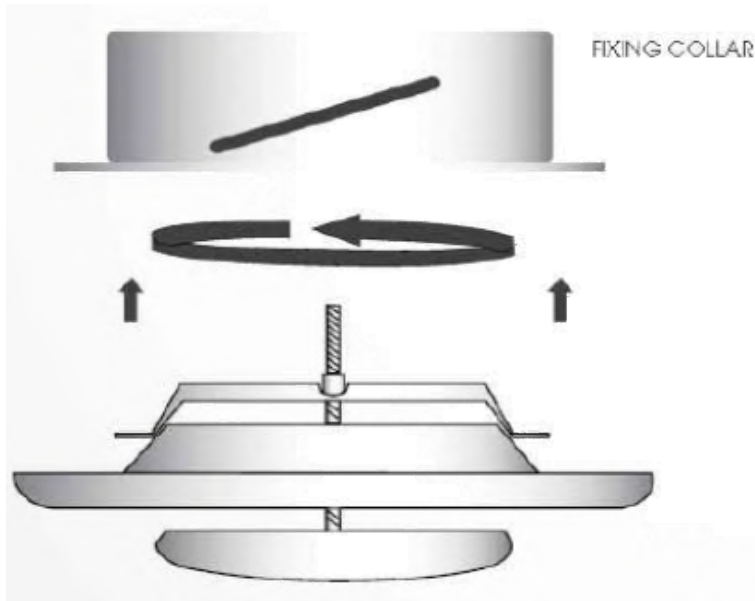
VF-PLASTIC EXHAUST FAN



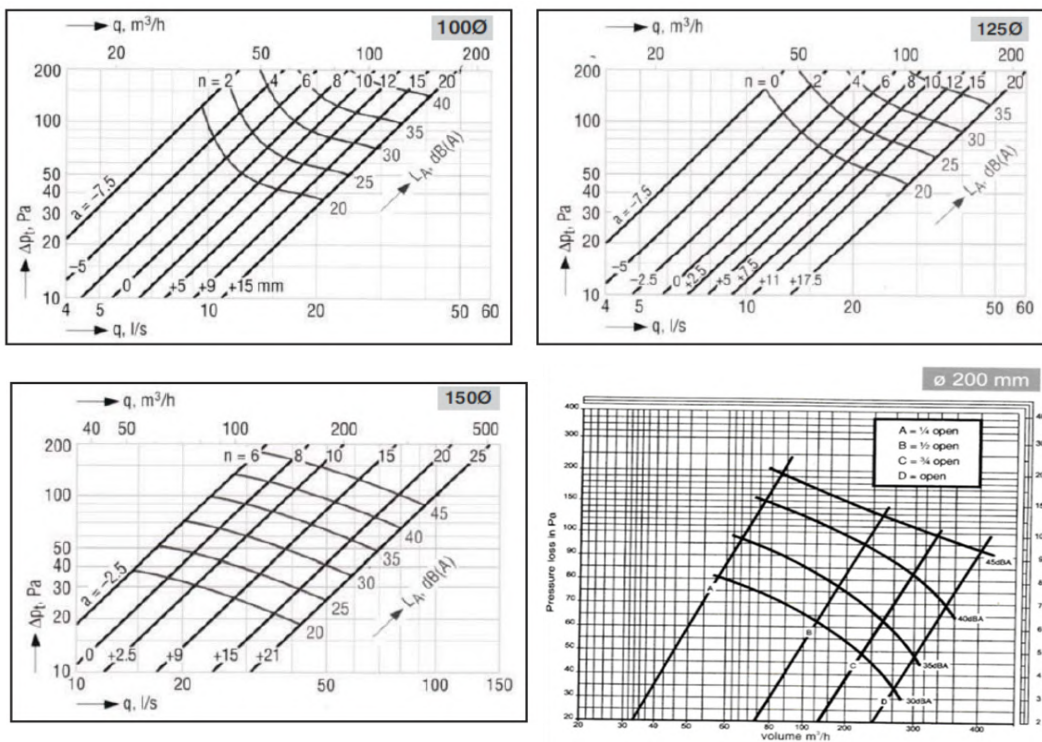
DESCRIPTION

- ✓ Diameter range 100, 125, 150 and 200 mm
- ✓ Manufactured from powder coated steel
- ✓ Standard color white (RAL 9010)
- ✓ With adjustable, centric, rotating valve for regulation of the air quantity.
- ✓ Optimal sealing is achieved by the fixing collar

MOUNTING



PERFORMANCE



VF-SILENT-SERIES

SILENT MIXED FLOW IN-LINE FAN



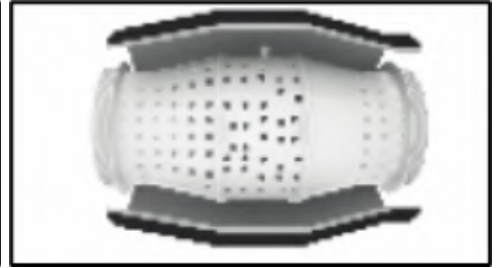
DETAILS



Low-profile fan body



High performance
hydromechanical
fan blades



Ultra quiet design with two
layer absorbent and sound
wave holes



Special design of joint to
facilitate installation and
dismounting;
Double diameter connection



Backdraft damper designed
inside to prevent insects

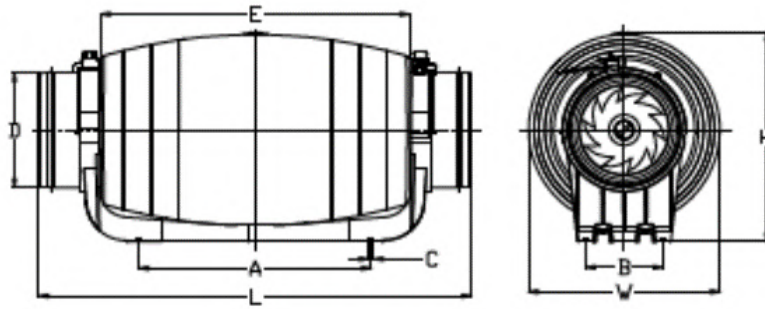


DESCRIPTION

- ✓ Fan body is made of environmental protection material with beautiful lines and light weight, double insulation.
- ✓ Fan blades is designed according to hydromechanical principle to reach the optimal airflow and air pressure, high efficiency working, low energy consumption and low noise.
- ✓ Fan inside produced with two-layer sound absorbent and sound wave holes, to reduce noise level.
- ✓ Double diameter connection, sealing-up, leak-proof and shockproof.
- ✓ Backdraft damper designed inside, to prevent return air and insects.
- ✓ Special design of joint to facilitate installation and dismounting; Easy installation and maintenance.
- ✓ Outer rotor motor inside, with Japanese brand NMB ball bearing, long working life over 50000 hours.
- ✓ Protect class: IP44.
- ✓ Can be designed with user friendly features such as time delay, temperature range: 20°C ~ 60°C.
- ✓ This series fans offers solution to ventilation problems, especially in places where people work and live and low sound level is required, such as meeting room, office, hotel, public place, residence, hospital, gym and etc.



DIMENSION (MM)

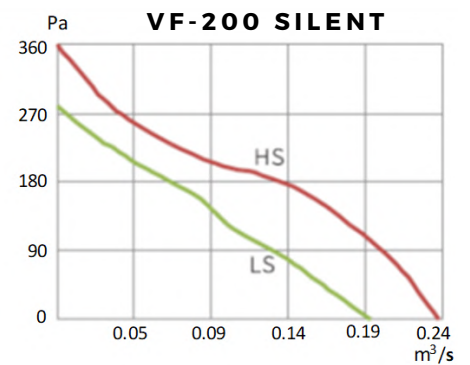
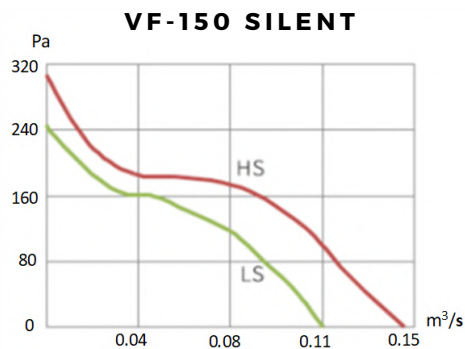
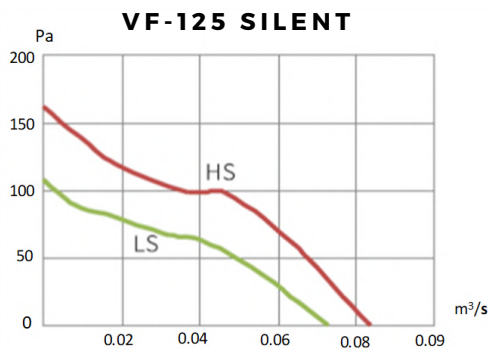


MODEL	A	B	C	ØD	E	L	W	H
VF-125 SILENT	248	82	4.Ø5.5	123	330	462	205	225
VF-150 SILENT	251	95	4.Ø5.3	158	352	488	221	244
VF-200 SILENT	339	128	4.Ø5.6	198	436	567	262	301

PERFORMANCE

MODEL	SPEED	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m ³ /h)	AIR PRESSURE (Pa)	NOISE (dB)
VF-125 SILENT	H	230/50	0.14	0.033	2250	380	159	35
	L		0.13	0.028	1850	248	106	29
VF-150 SILENT	H	230/50	0.25	0.05	2250	580	300	31
	L		0.2	0.043	1850	410	240	26
VF-200 SILENT	H	230/50	0.6	0.14	2450	840	352	35
	L		0.58	0.135	1850	690	274	29

PERFORMANCE CURVES



ISO5801 - AMCA210-99

PERFORMANCE DATA IN ACCORDANCE WITH ISO 5801 and AMCA 210-99 STANDARDS

BETTER **AIRFLOW** *By* **DESIGN**

VF-SERIES

MIXED FLOW IN-LINE FAN



DETAILS



High performance hydromechanical fan blades



Sealing ring in connection box, protection class IP44



Hydromechanical wind circle designed to achieve the highest efficiency



Safer mounting base designed according to safety requirements and fan structure for easy installation.

DESCRIPTION

- ✓ Fan body is made of environmental protection material with beautiful lines and light weight, double insulation.
- ✓ Fan blades is designed according to hydromechanical principle to reach the optimal airflow and air pressure, high efficiency working, low energy consumption and low noise.
- ✓ Special design of joint to facilitate installation and dismounting; Easy installation and maintenance.
- ✓ Outer rotor motor inside, with Japanese brand NMB ball bearing, long working life over 50000 hours.
- ✓ Protect class: IP44.
- ✓ Can be designed with user friendly features such as time delay, temperature range: 20°C ~ 60°C.
- ✓ Perfect for homes, apartments, office, hotel, public place, residence, hospital, gym and etc.

EASY TO MOUNT



1.
Fix the Support



2.
Couple the ducts



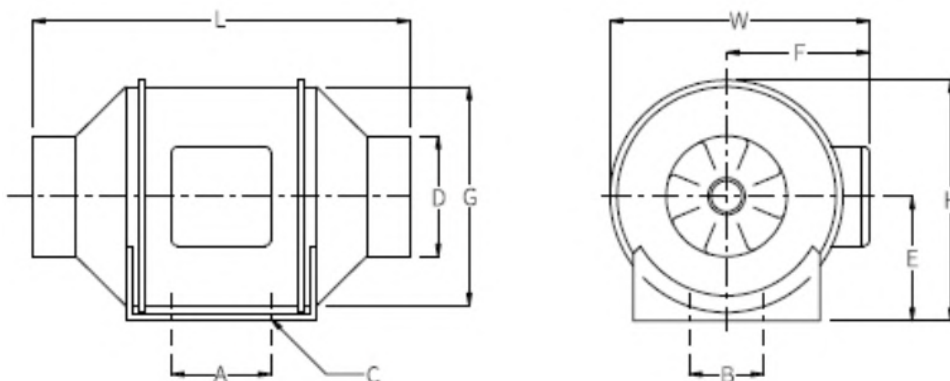
3.
Fix the fan body



4.
Make connection



DIMENSION(MM)

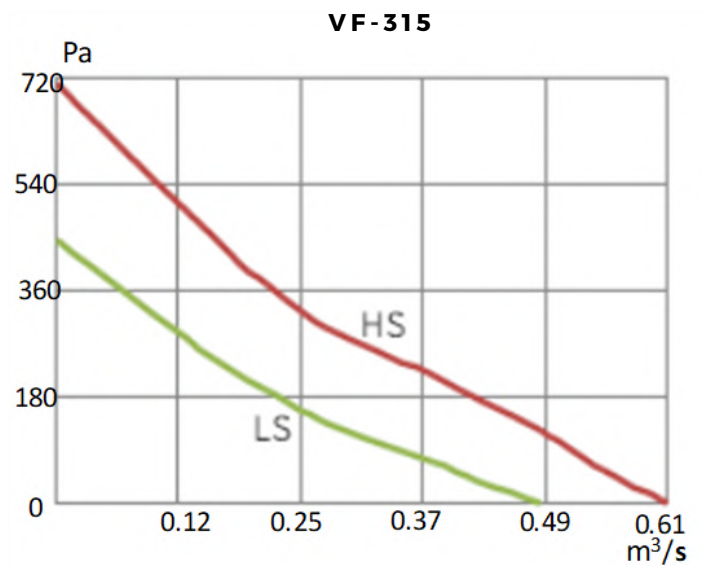
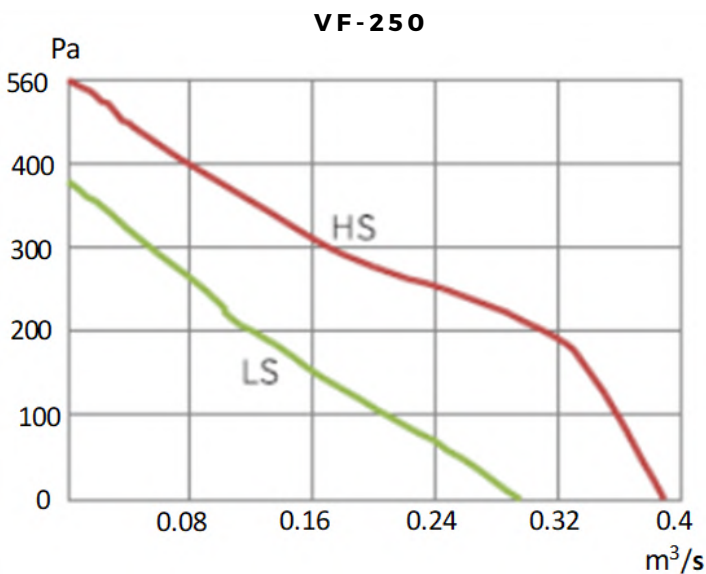
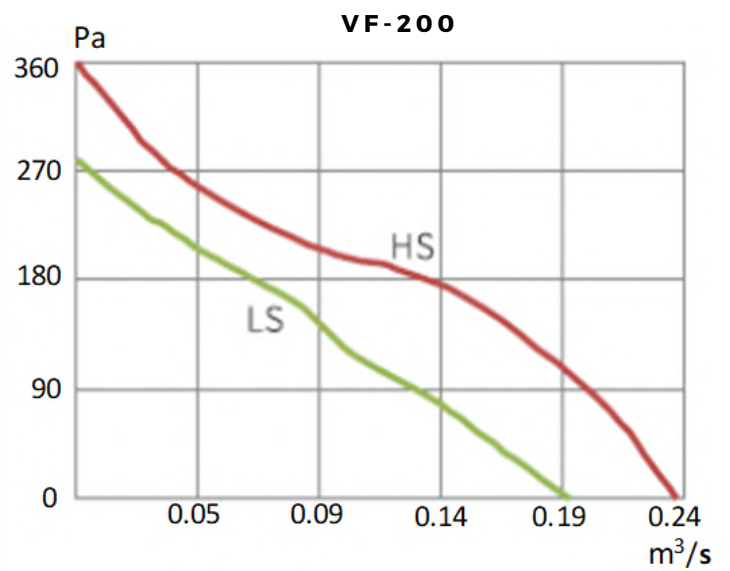
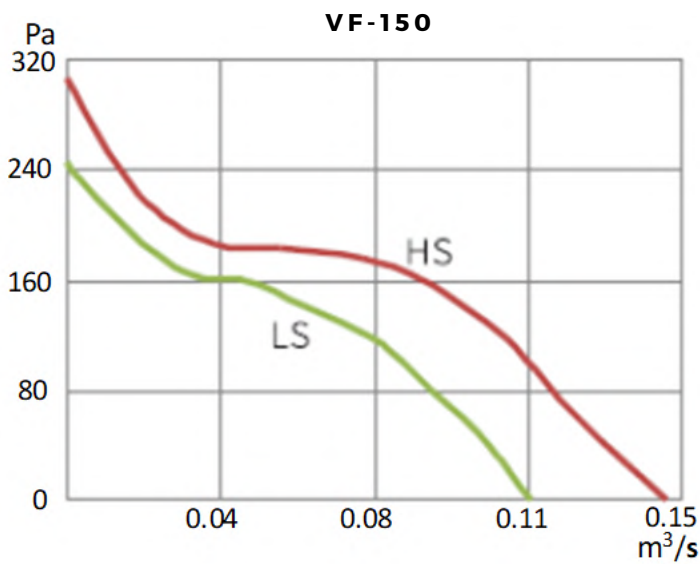
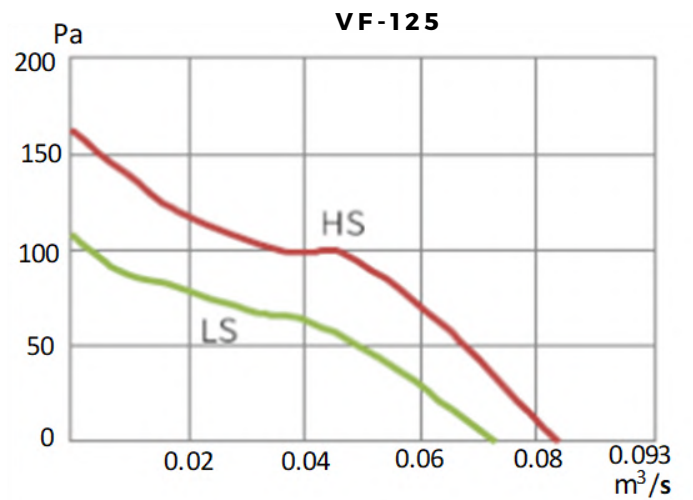
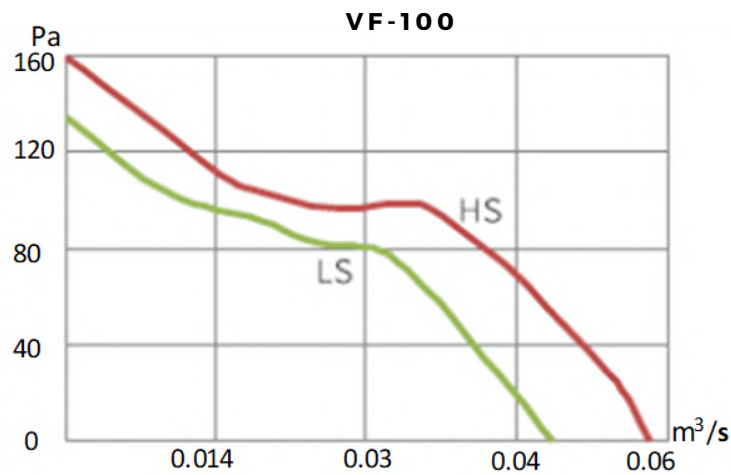


MODEL	A	B	C	ØD	E	F	ØG	L	W / H
VF-100	80	60	4.Ø4.5	97	99	116	163	302	204 / 195
VF-125	80	60	4.Ø4.5	123	99	116	163	257	204 / 195
VF-150	80	60	4.Ø5.0	147	109	127	187	313	227 / 208
VF-200	100	94	4.Ø5.5	197	125	137	205	302	249 / 237
VF-250	150	150	4.Ø8.11	247	150	174	261	383	310 / 286
VF-315	181	178	4.Ø8.11	312	187	216	325	446	386 / 357

PERFORMANCE

MODEL	SPEED	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m3/h)	AIR PRESSURE (Pa)	NOISE (dB)
VF-100	H	230/50	0.12	0.026	2200	198	156	31
	L		0.11	0.023	1850	165	131	26
VF-125	H	230/50	0.14	0.033	2250	284	159	31
	L		0.13	0.028	1850	248	106	26
VF-150	H	230/50	0.22	0.054	2550	530	300	33
	L		0.19	0.044	1850	410	240	29
VF-200	H	230/50	0.53	0.128	2450	840	352	63
	L		0.52	0.123	1950	690	274	55
VF-250	H	230/50	1.2	0.225	2450	1405	488	66
	L		0.75	0.165	1850	1064	371	58
VF-315	H	230/50	1.9	0.39	2350	2206	693	69
	L		1.4	0.275	1650	1750	435	61

PERFORMANCE CURVES



VF-W-SERIES

WALL/CEILING EXHAUST FAN



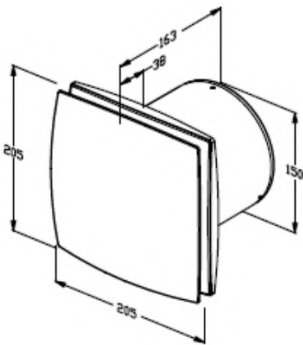
DESCRIPTION

- ✓ Modern design and good looking.
- ✓ Fan frame and blade are made of high-quality durable ABS plastic, UV resistant.
- ✓ Fan blade design makes it high efficiency working and long working life.
- ✓ Fan designed with ultra thin front panel and insect screen.
- ✓ Fan with reliable low-watt motor, continuous operation.
- ✓ Protection class: IP34

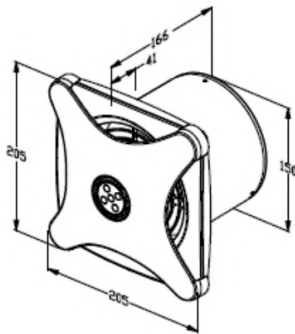
MOUNTING

- ✓ The fans are directly mounted into the ventilation shaft.
- ✓ In case of remote location of ventilation shaft, connect a flexible air duct to the fan with a clamp.
- ✓ Fix the fan to wall by self-tapping screws.
- ✓ Suitable for ceiling mounting.
- ✓ Applications: Continuous or period exhaust ventilation area such as bathroom, showers, kitchens and other spaces.

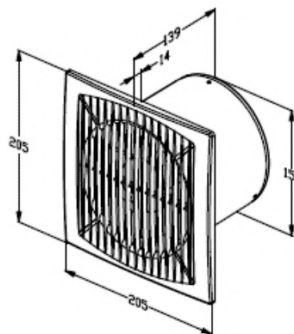
DIMENSIONS (MM)



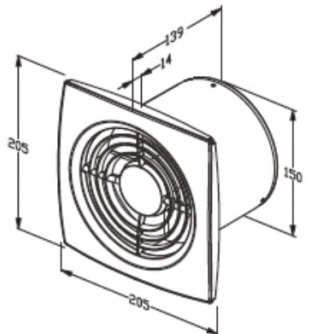
VF-W-150A



VF-W-150B



VF-W-150C

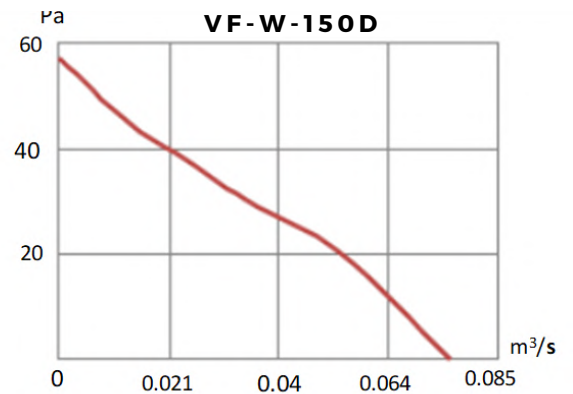
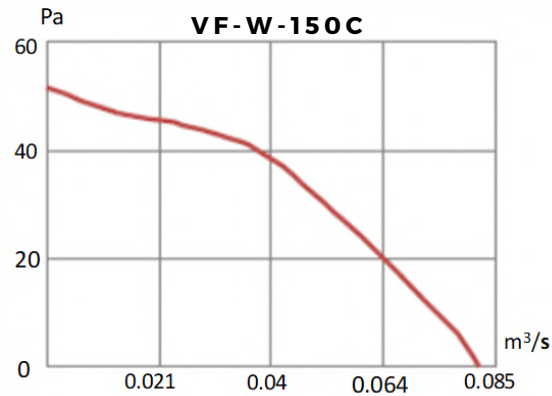
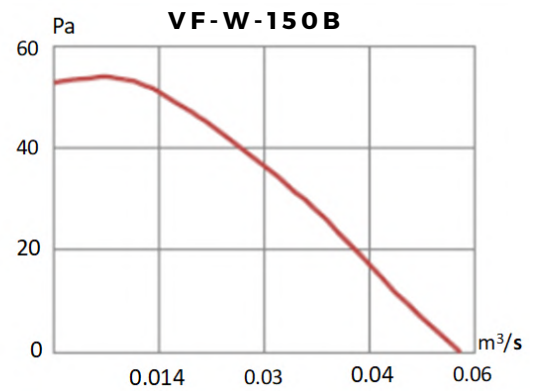
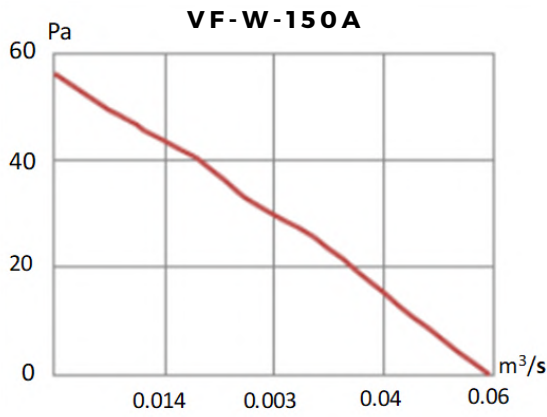


VF-W-150D

PERFORMANCE

MODEL	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m3/h)	AIR PRESSURE (Pa)
VF-W-150A	240/50	0.17	0.022	2350	201	55
VF-W-150B	240/50	0.19	0.028	2350	197	52
VF-W-150C	240/50	0.17	0.022	2350	295	51
VF-W-150D	240/50	0.17	0.022	2350	272	56

PERFORMANCE CURVES



VF-F-SERIES

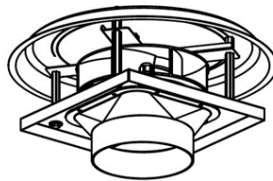
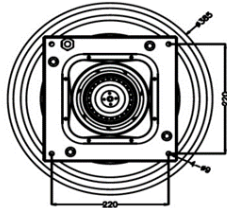
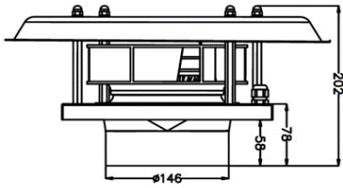
ROOF MOUNT EXHAUST FAN



DESCRIPTION

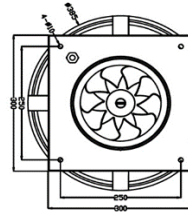
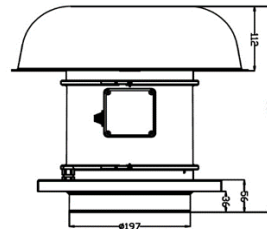
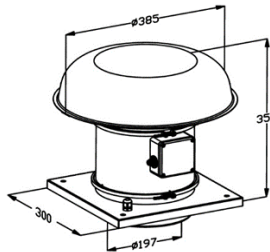
- ✓ Fan cowl is made of thickened stainless steel, it's ultraviolet-proof and water-proof.
- ✓ Big airflow and pressure.
- ✓ Double ball bearing, long working life - 50 000 hours.
- ✓ Easy installation.
- ✓ Operation temperature range: -20° - 60°

DIMENSIONS (MM)



VF-F-150

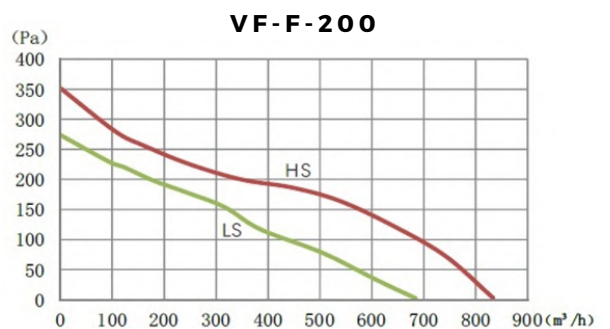
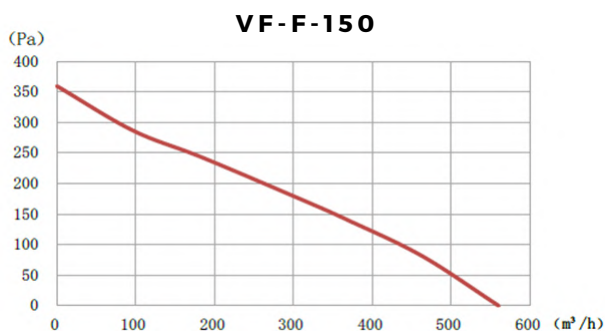
VF-F-200



PERFORMANCE

MODEL	SPEED	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m3/h)	AIR PRESSURE (Pa)	NOISE (dB)
VF-F-150	SET SPEED	230/50	0,27	0,061	2550	588	360	
VF-F-200	H	230/50	0,53	0,128	2450	840	352	
	L		0,52	0,123	1950	690	274	

PERFORMANCE CURVES



VF-E-SERIES

CIRCULAR TUBE FAN

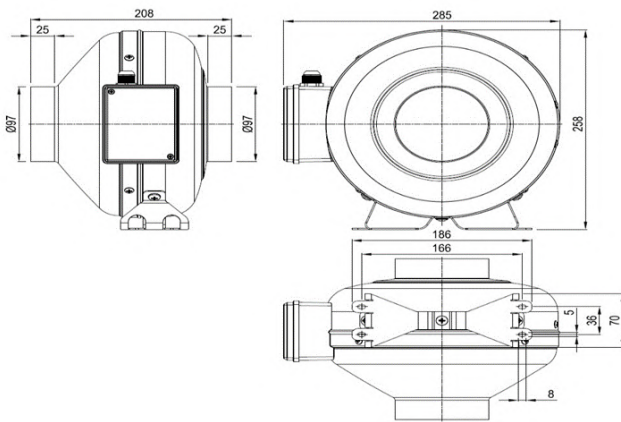


DESCRIPTION

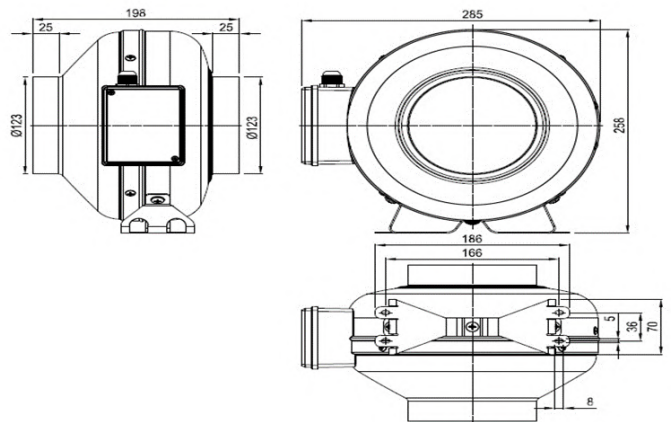
- ✓ Fan can withstand high pressure and is able to operate in long pipe at low noise levels.
- ✓ It's moisture resistant and allows installation in wet environment and complex systems.
- ✓ Motor is build-in automatic reset thermal protector and air pressure, high efficiency working, low energy consumption and low noise.
- ✓ The motor is outer rotor motor, with compact structure, small size, stable performance and 50 000 hours working life
- ✓ Fan blade adopts advanced aerodynamic design concept, high efficiency and low noise.
- ✓ Unique designed bracket makes easier and flexible installation, no need for maintenance.
- ✓ Protect class: IP44. Insulation grade F

DIMENSIONS (MM)

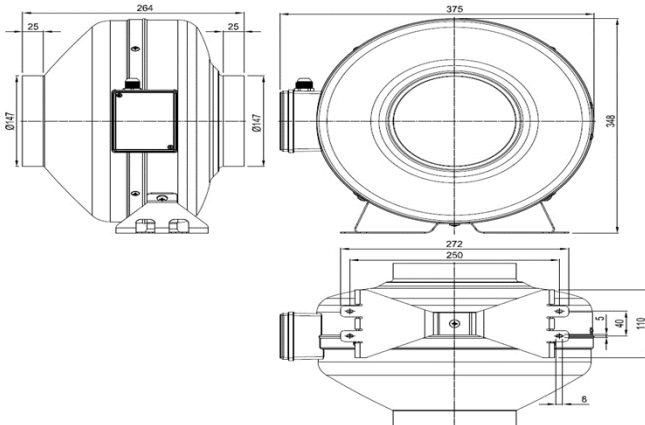
VF-E-100



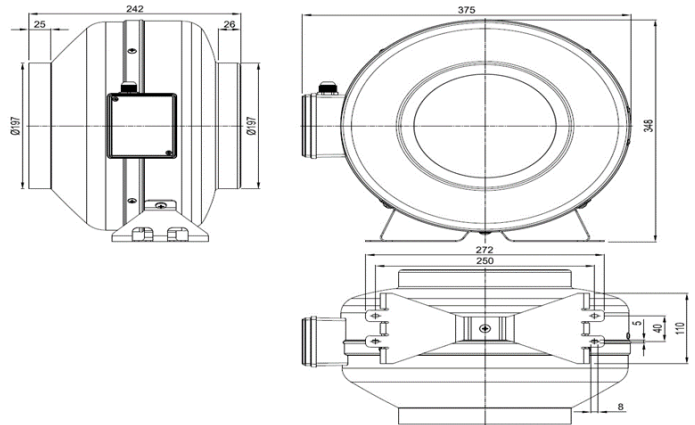
VF-E-125



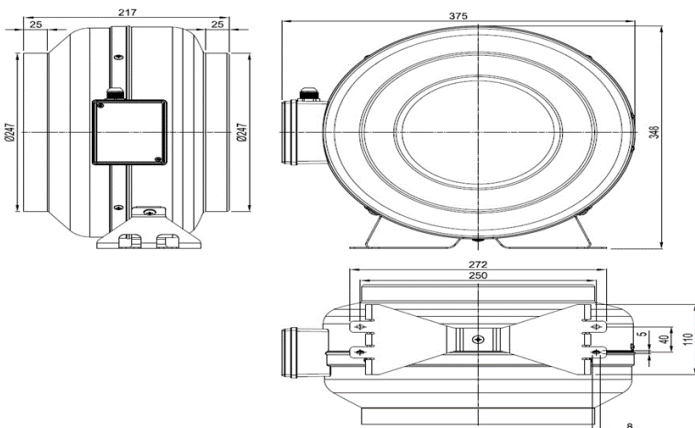
VF-E-150



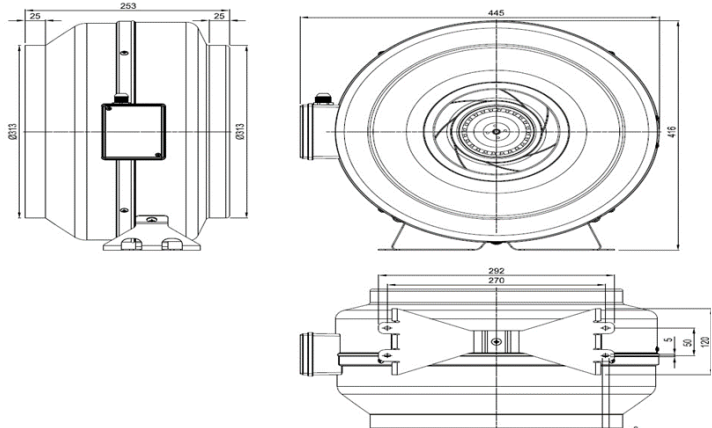
VF-E-200



VF-E-250



VF-E-315

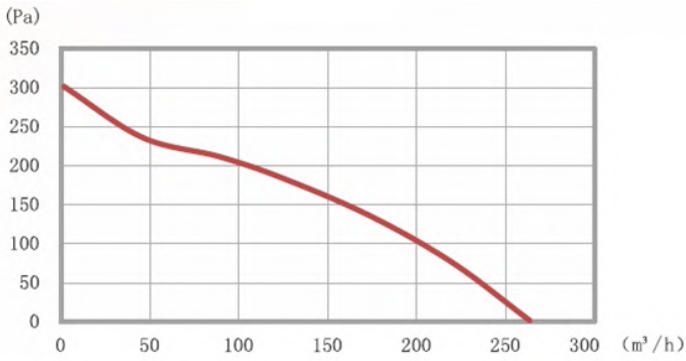


PERFORMANCE

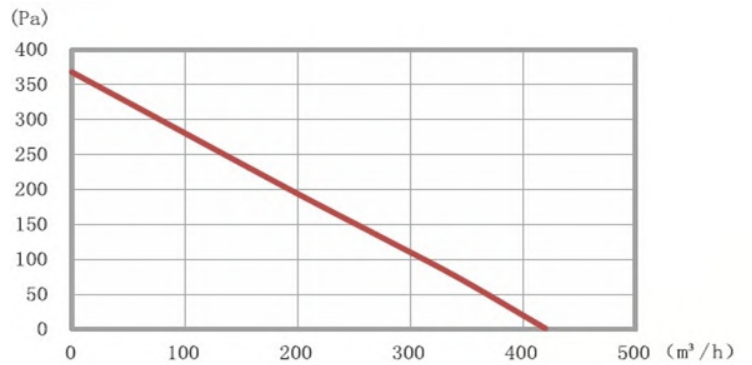
MODEL	SPEED	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m ³ /h)	AIR PRESSURE (Pa)	NOISE (dB)
VF-E-100	SET	230/50	0,24	0,051	2700	262	300	44
VF-E-125	SET	230/50	0,35	0,073	2560	420	368	45
VF-E-150	SET	230/50	0,58	0,11	2450	680	446	47
VF-E-200	SET	230/50	0,75	0,175	2420	945	674	59
VF-E-250	SET	230/50	0,8	0,175	2420	979	654	59
VF-E-315	SET	230/50	1,28	0,225	2520	1660	738	65

PERFORMANCE CURVES

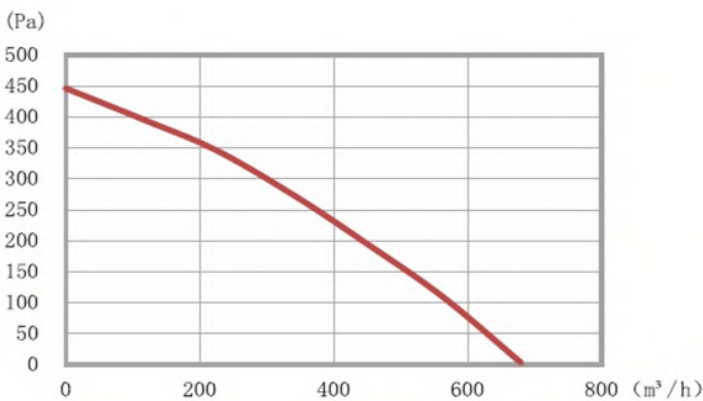
VF-E-100



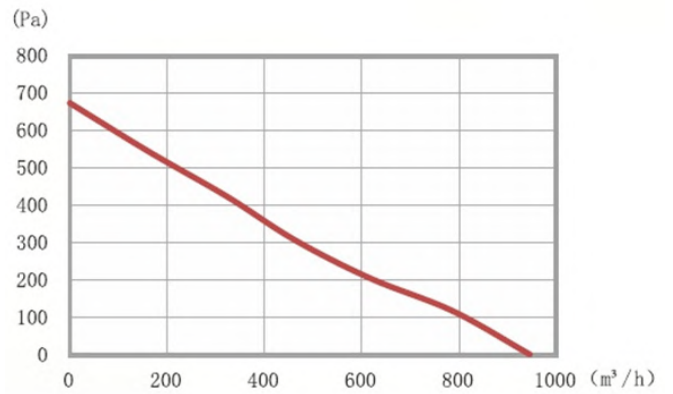
VF-E-125



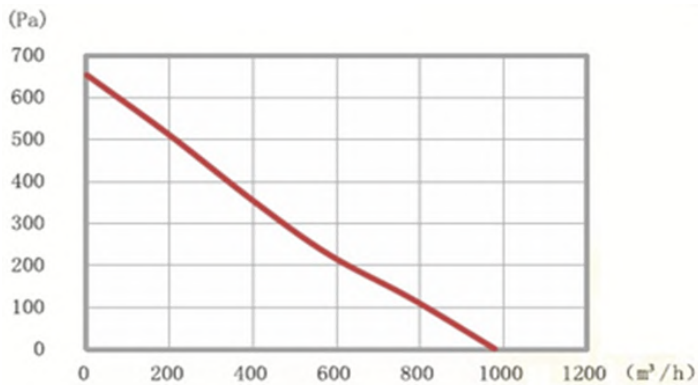
VF-E-150



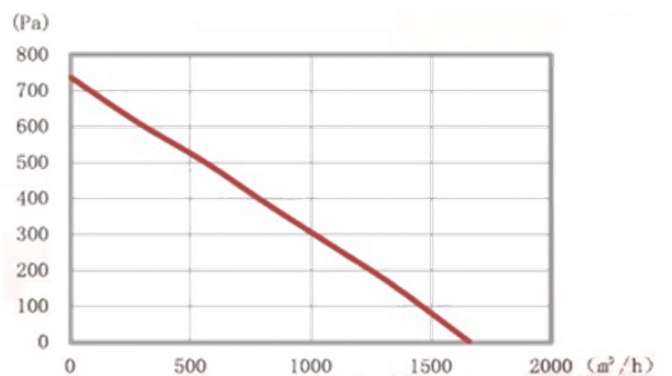
VF-E-200



VF-E-250



VF-E-315



VF-I-SERIES

IN-LINE BOOSTER FAN

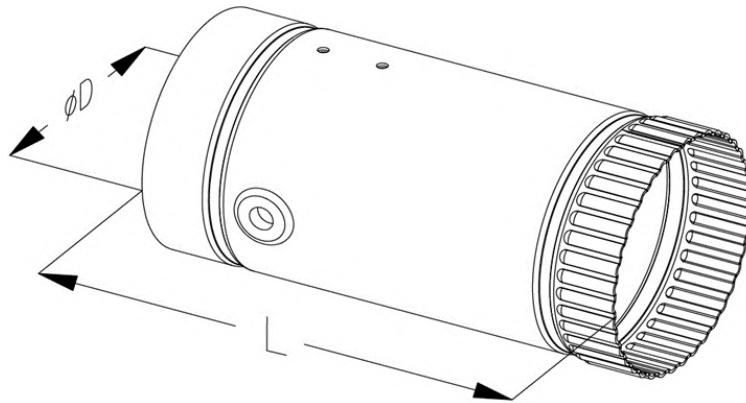


DESCRIPTION

- ✓ Fan body is made of steel construction with powder coated baked paint.
- ✓ Fluted on both ends to be easy mounted inline with the existing duct work to increase air flow.
- ✓ Motor features a permanently lubricated bearing that operates quietly and requires no maintenance.

DIMENSIONS (MM)

MODEL	D	L
VF-I-100	100	185
VF-I-150	150	185
VF-I-200	200	185

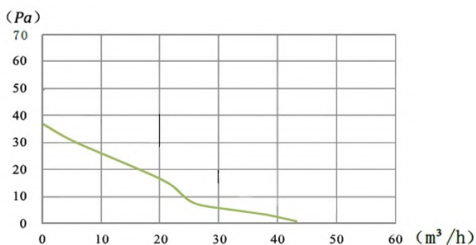


PERFORMANCE

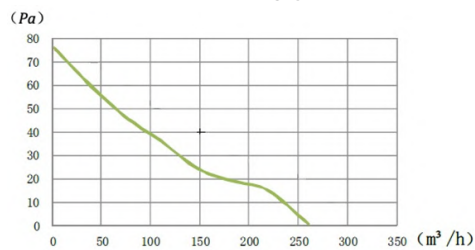
MODEL	SPEED	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m ³ /h)	AIR PRESSURE (Pa)	NOISE (dB)
VF-I-100	SET SPEED	230/50	0,11	0,015	2600	43	36	
VF-I-150	SET SPEED	230/50	0,32	0,034	2450	258	75	
VF-I-200	SET SPEED	230/50	0,31	0,04	2350	501	20	

PERFORMANCE CURVES

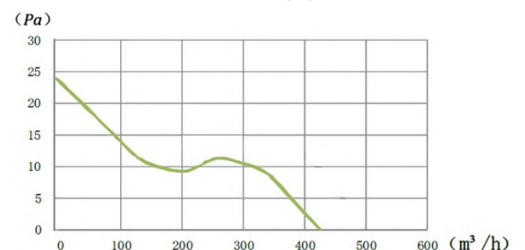
VF-I-100



VF-I-150



VF-I-200



VF-WF-SERIES

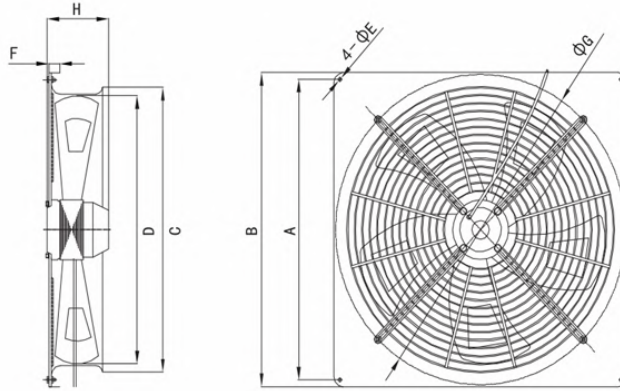
PLATE AXIAL FAN



DESCRIPTION

- ✓ Fan diameter is from 200mm to 630mm
- ✓ External rotor motor, metal fan body and metal fan blade with metal frame.
- ✓ Operation temperature: -30°C~60°C
- ✓ High airflow and high air pressure

DIMENSIONS (MM)



MODEL	A	B	C	D	E	F	G	H
VF-WF-200	260	310	230	200	7	15	210	50
VF-WF-250	320	370	280	250	7	15	260	50
VF-WF-300	380	430	335	300	7	15	315	80
VF-WF-350	435	485	380	350	10	15	360	80
VF-WF-400	490	540	430	400	10	15	410	100
VF-WF-450	520	575	480	450	10	15	460	100
VF-WF-500	625	665	530	500	10	15	510	100
VF-WF-550	665	725	585	550	10	15	565	100
VF-WF-600	725	770	635	600	10	20	615	120
VF-WF-630	750	805	665	630	10	20	645	120

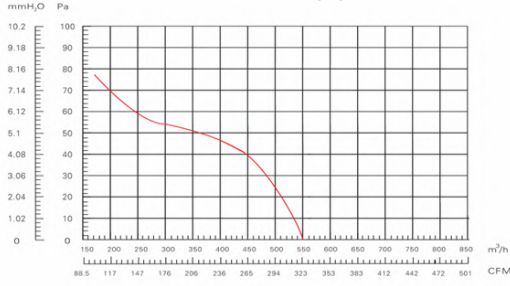
PERFORMANCE

MODEL	SPEED	VOLTAGE	CURRENT (AMPS)	POWER (kW)	SPEED (RPM)	AIRFLOW (m3/h)	AIR PRESSURE (Pa)	NOISE (dB)
VF-WF-200	SET SPEED	220/50	0,2	0,04	1450	540	80	45
VF-WF-250	SET SPEED	220/50	0,25	0,056	1400	770	70	52
VF-WF-300	SET SPEED	220/50	0,45	0,06	910	1260	108	50
VF-WF-350	SET SPEED	220/50	0,5	0,09	950	1650	75	58
VF-WF-400	SET SPEED	220/50	0,57	0,11	920	2510	85	58
VF-WF-450	SET SPEED	220/50	0,7	0,15	920	3550	85	60
VF-WF-500	SET SPEED	220/50	0,65	0,14	900	4900	100	68
VF-WF-550	SET SPEED	220/50	1,6	0,28	900	6430	110	70
VF-WF-600	SET SPEED	220/50	2,5	0,39	900	8100	120	72
VF-WF-630	SET SPEED	220/50	2,55	0,47	900	8850	120	75

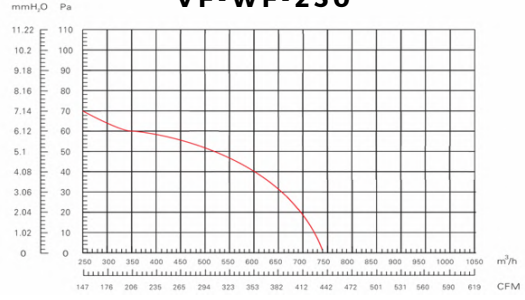
PERFORMANCE CURVES



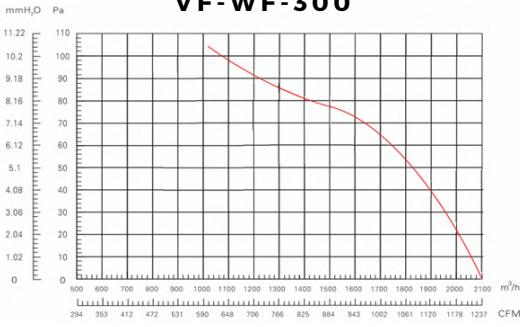
VF-WF-200



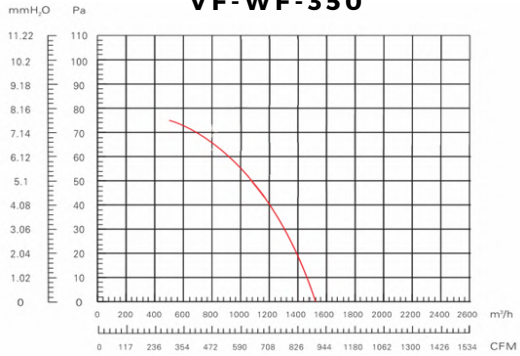
VF-WF-250



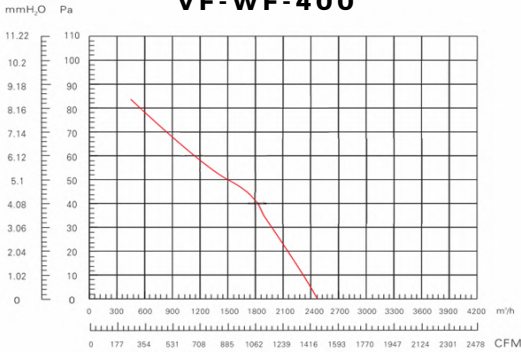
VF-WF-300



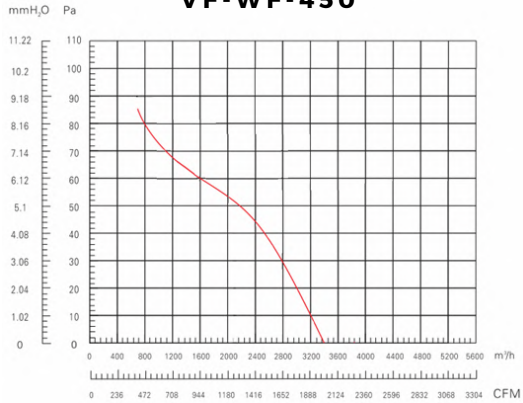
VF-WF-350



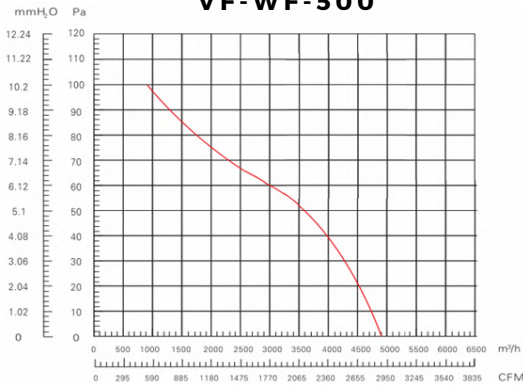
VF-WF-400



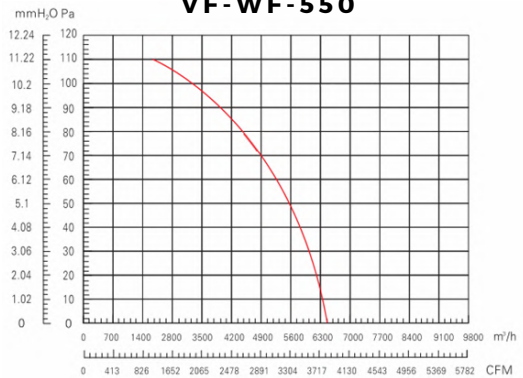
VF-WF-450



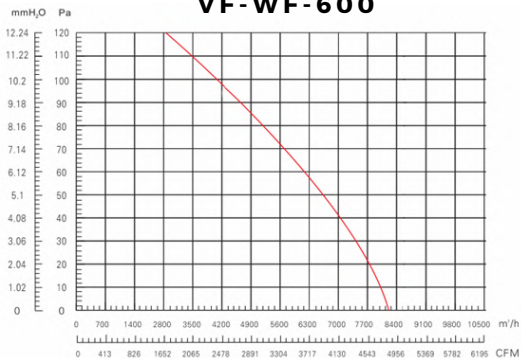
VF-WF-500



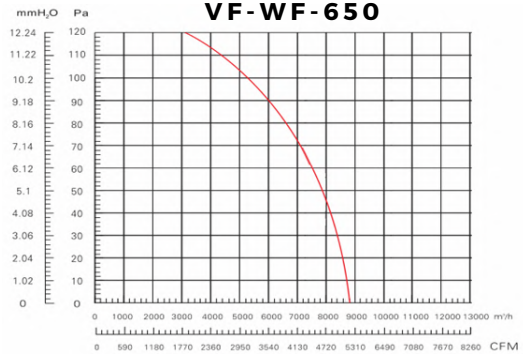
VF-WF-550



VF-WF-600



VF-WF-650



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Intelligent Ventilation



VF-RF 150
Roof Mount Exhaust Fan



VF Silent Series
Silent Mixed In-Line Flow Fan



VF Series
Mixed Flow In-Line Fan



VF E Series
Circular Tube Fan



VF WF Series
Plate Axial Fan



VF W Series
Wall/Ceiling Fan - D



VF W Series
Wall/Ceiling Fan - C



VF W Series
Wall/Ceiling Fan - B



VF W Series
Wall/Ceiling Fan - A



Spiral Ducting
All Spiral Ducting



VF-DV
Disc Valve - Metal & Plastic



VF I Series
In-Line Booster Fan



VF PG150
Plastic Grille



Weather Louvre
Any Size



Fittings Spiral Ducting
All Fittings for spiral Ducting