



GENERAL CATALOGUE

go green, breathe clean!

Turkey

Discover
the potential

www.voltvent.com

Founded in 2011, VOLTVENT VENTILATION SYSTEMS has strengthened its commercial activities, which it started with import and export, with the production of AC external rotor motors in 2014 in Istanbul/Turkey. Thanks to its additional investments and quality-oriented production over the years, it has gained an advantage over its competitors in the national and international markets and has become the most preferred brand.

There is no doubt that the most important element in achieving our objectives is the human factor and the professionals who work in the company and offer not only ventilation equipment but solutions to all the needs of our customers in the ventilation sector.

We offer them the option of visiting our facilities in our factory, with a developed surface area of more than 16,000 m², to see our fan production plant, which complies with the highest quality requirements and with the ISO, AMCA, EFFECTIS and TSE standards.

Quality is at the core of our export strategy. Voltvent implements stringent quality control processes throughout manufacturing, ensuring our products meet or exceed international quality standards. Our export activities fully comply with international trade regulations, customs requirements, and export laws in each target market. We adhere to government and industry standards to ensure smooth trade operations.

Voltvent Ventilation Systems is dedicated to enhancing global air quality by exporting environmentally responsible and energy-efficient ventilation solutions to a diverse range of markets. We are committed to further expanding our global reach while continuing to prioritize product quality, sustainability, and customer satisfaction.



IN-LINE DUCT FANS



AXIAL FANS



ROOF FANS



RADIAL FANS



BATHROOM FANS



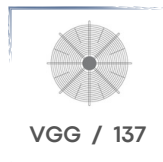
HEAT RECOVERY DEVICE

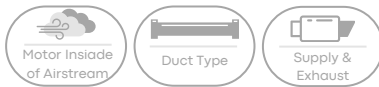


SMOKE EXHAUST FAN



ACCESSORIES





VCF

Circular In-line Duct Fans

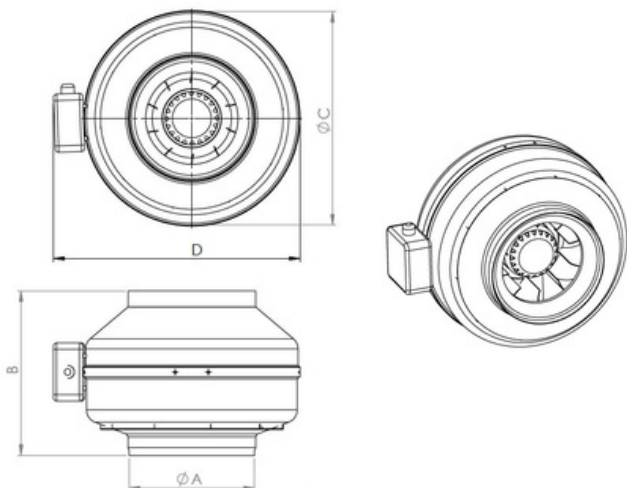


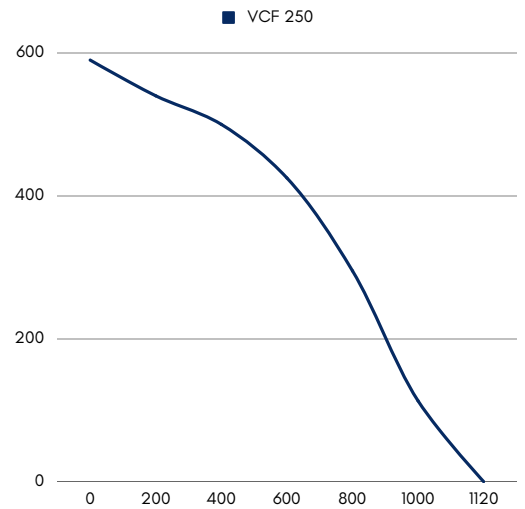
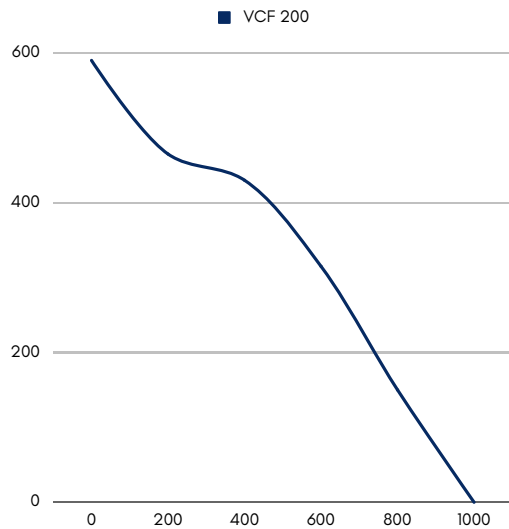
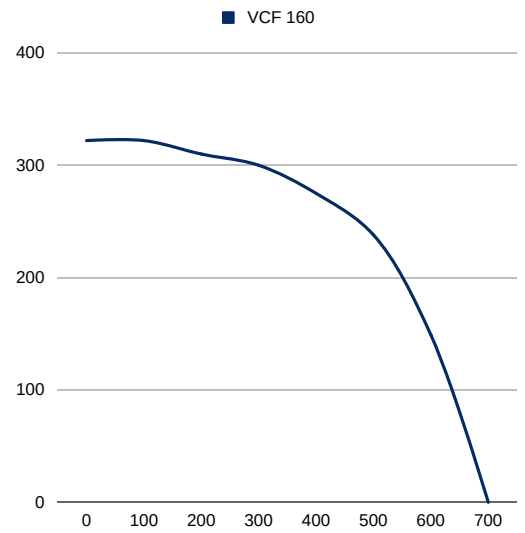
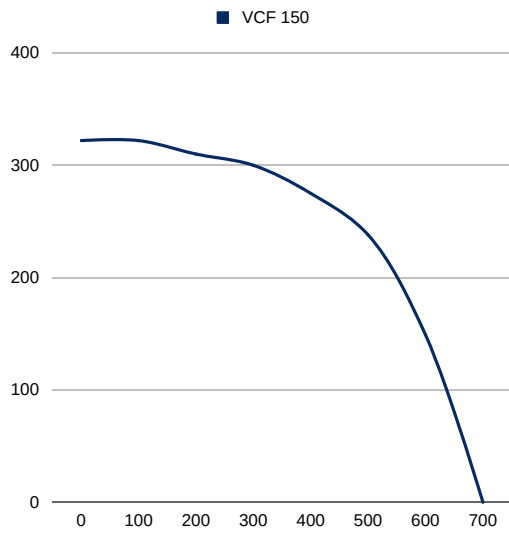
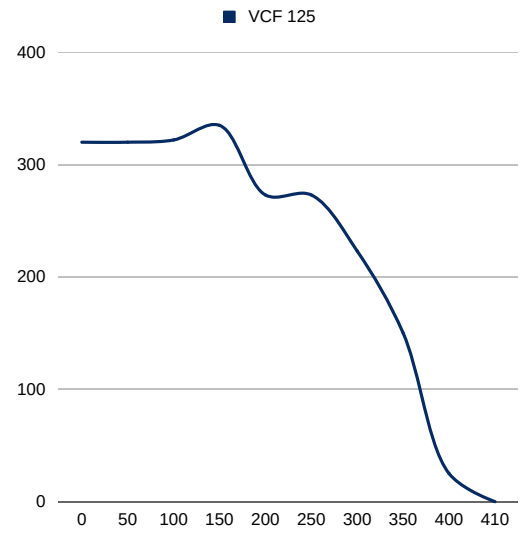
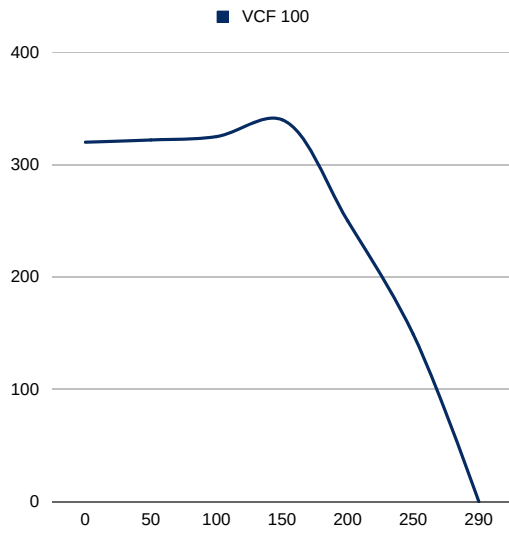
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MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	NONE
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A circular duct fan, also known as a round duct fan, is a type of fan specifically designed for use in circular or cylindrical air duct systems. These fans are commonly used in HVAC (Heating, Ventilation, and Air Conditioning) systems, industrial applications, and other settings where air circulation or ventilation is required through round ductwork.

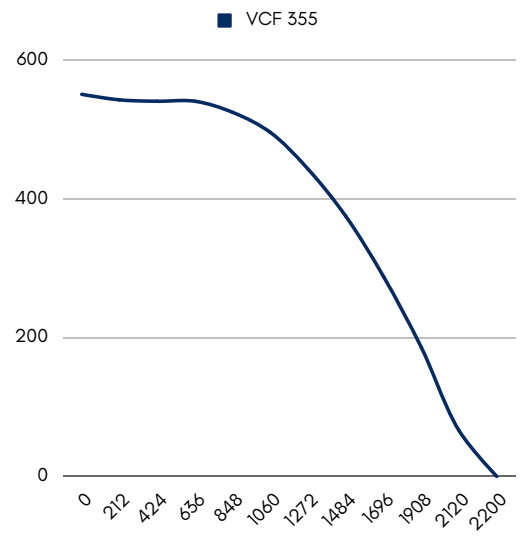
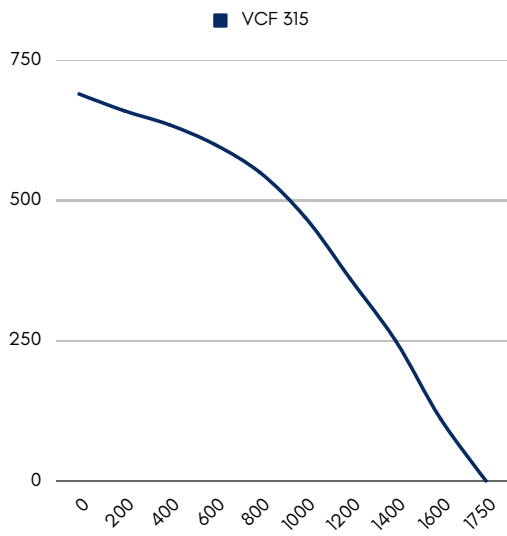
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VCF 100	230	50	80	2600	290	45	2,9
VCF 125	230	50	80	2600	410	45	3,1
VCF 150	230	50	85	2600	700	46	3,3
VCF 160	230	50	85	2600	710	48	3,5
VCF 200	230	50	122	2675	1000	48	5
VCF 250	230	50	145	2685	1120	50	5,5
VCF 315	230	50	210	2615	1750	53	7,1
VCF 355	230	50	380	2480	2200	56	10,1

Model	A	B	C	D
VCF 100	100	208	246	290
VCF 125	125	208	246	290
VCF 150	150	196	270	320
VCF 160	160	196	270	320
VCF 200	200	225	333	380
VCF 250	250	234	331	380
VCF 315	315	283	401	450
VCF 355	355	225	401	450





DUCT FANS / Circular In-line Duct Fans



VMF



Mixed Flow Inline Duct Fans



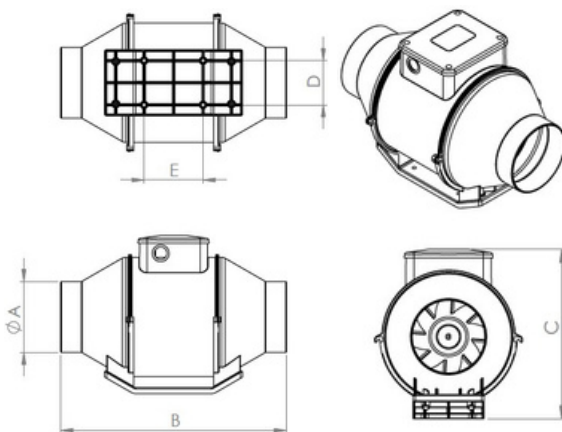
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR BRAND	VOLTVENT
BODY MATERIAL	PLASTIC
CLASS OF INCOMBUSTIBILITY	VO
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1



Mixed flow fans, also known as diagonal flow fans or helical fans, are a type of centrifugal fan that combines features of both axial fans and centrifugal fans. They are commonly used in various industrial and HVAC (Heating, Ventilation, and Air Conditioning) applications.

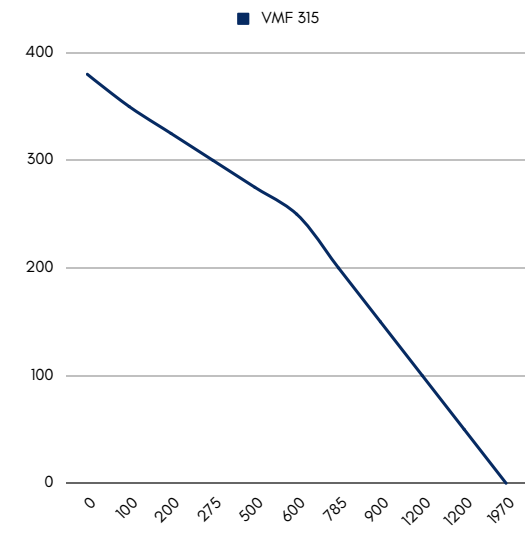
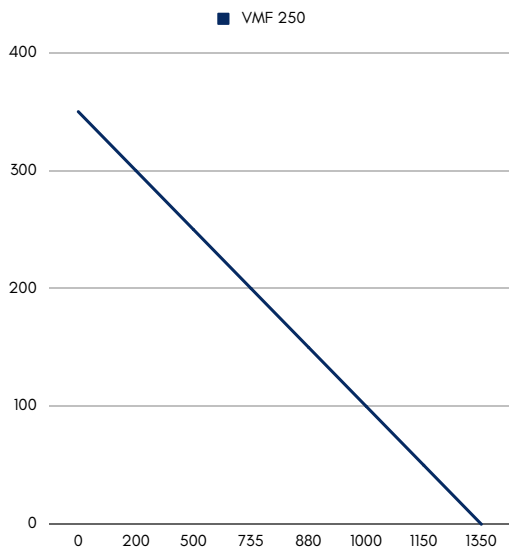
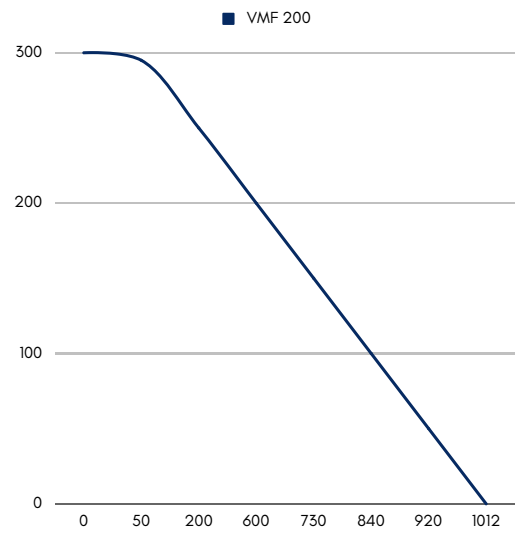
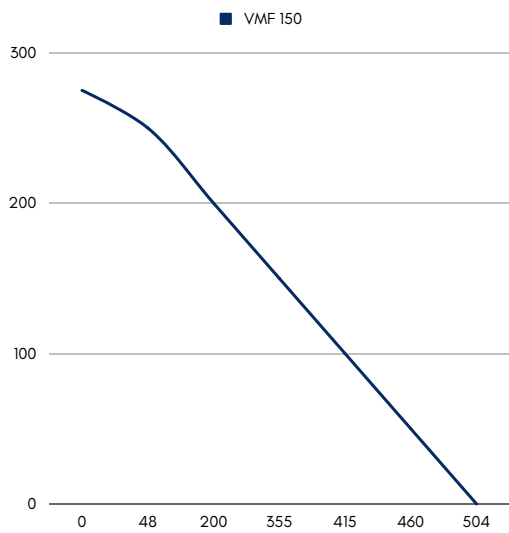
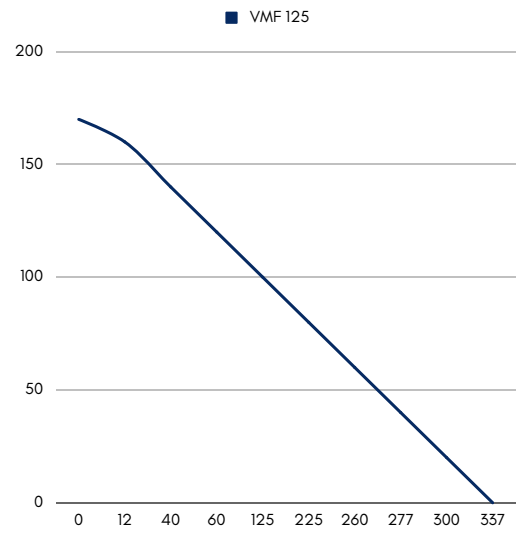
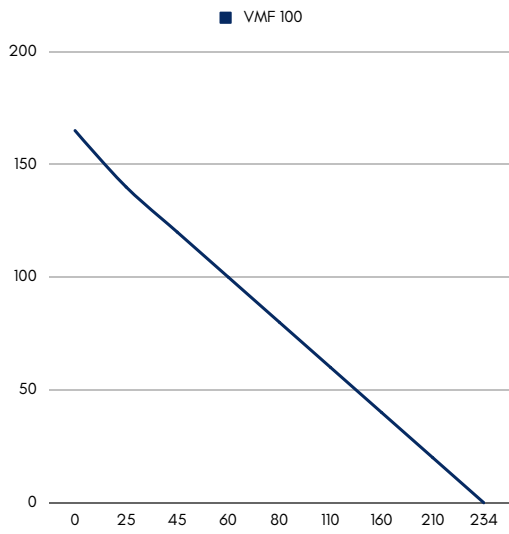
Mixed flow fans tend to produce lower noise levels compared to pure centrifugal fans, making them suitable for applications where noise is a concern, such as HVAC systems in residential and commercial buildings.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m³/h)	Sound Pressure dB(A)	Weight (kg)
VMF 100	230	50	54	2460	234	31	1,8
VMF 125	230	50	56	2560	337	32	2
VMF 150	230	50	75	2490	504	33	2,7
VMF 160	230	50	75	2490	560	33	2,7
VMF 200	230	50	111	2410	1012	36	4,8
VMF 250	230	50	280	2460	1350	38	9,4
VMF 315	230	50	476	2476	1970	42	11



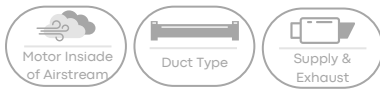
Model	A	B	C	D	E
VMF 100	96	306,5	215	60	80
VMF 125	121	260	215	60	80
VMF 150	146	290,5	242	60	80
VMF 1600	156	271	242	60	80
VMF 200	191	300	263	94	100
VMF 250	246	393	325	110	140
VMF 315	310	450	450	175	180

DUCT FANS / Mixed Flow Inline Duct Fan



VCAF

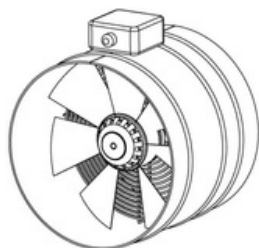
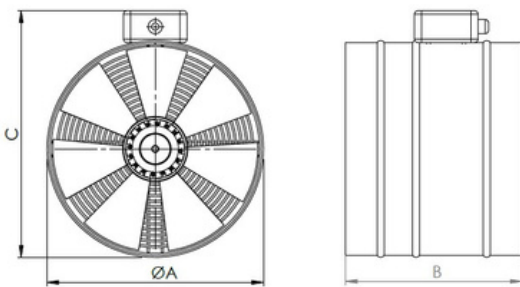
Axial In-line Duct Fan



MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

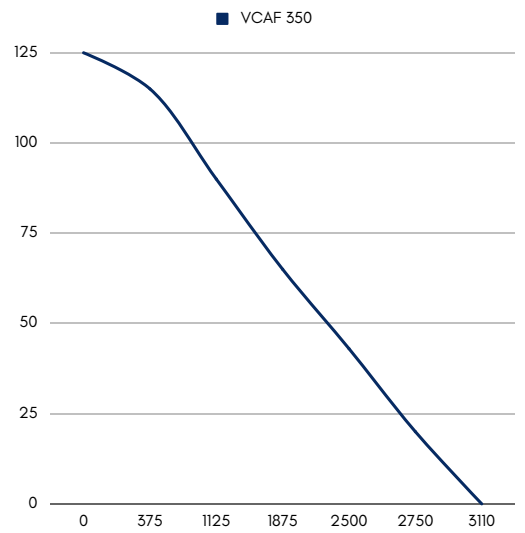
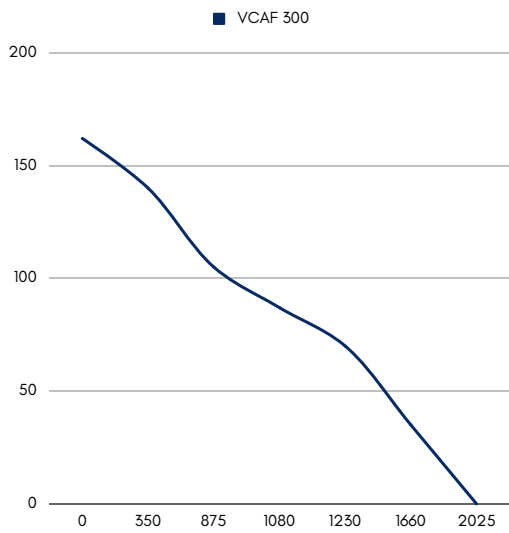
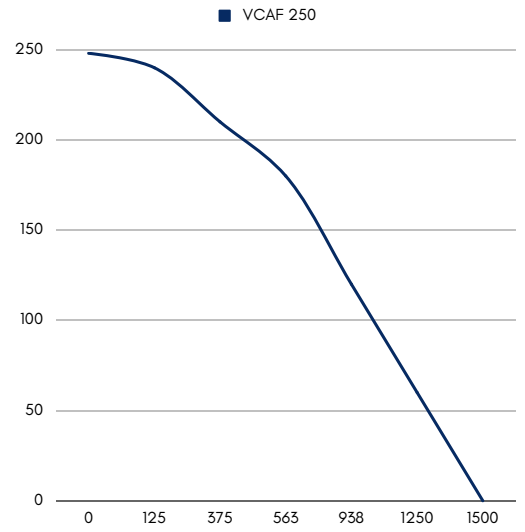
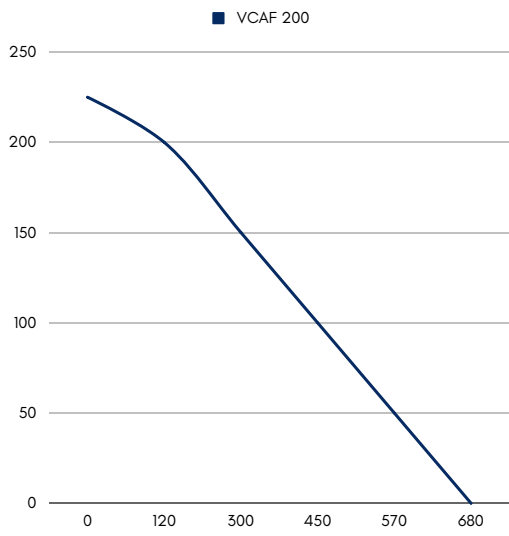
An axial in-line duct fan, also known as an in-line axial fan or simply an in-line fan, is a type of ventilation fan designed to be installed within ductwork to provide air movement in a straight line. These fans are commonly used in HVAC systems, commercial kitchens, bathrooms, and various industrial applications. These fans are known for their efficiency in moving air through a duct system. They can deliver a significant volume of air while consuming relatively low energy.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m³/h)	Sound Pressure dB(A)	Weight (kg)
VCAF 200	230	50	70	2650	680	50	2,7
VCAF 250	230	50	100	2700	1500	52	3,6
VCAF 300	230	50	163	2550	2025	54	4,6
VCAF 350	230	50	240	2250	3110	58	5,6



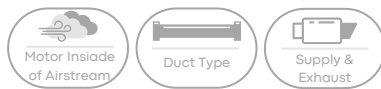
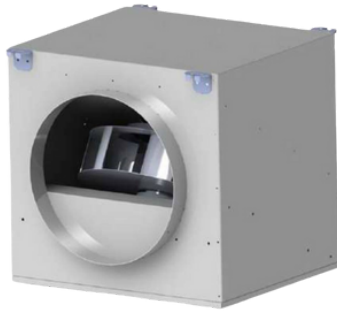
Model	A	B	C
VCF 100	197	200	247
VCF 125	247	250	297
VCF 150	297	250	347
VCF 160	347	300	397

DUCT FANS / Axial Inline Duct Fans



VBX

Acoustic Box Fan

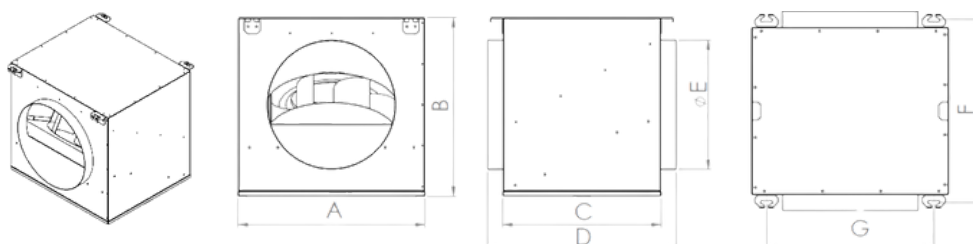


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	GALVANIZED SHEET METAL
IMPELLER MATERIAL	ALUMINIUM/GALVANIZED METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

Acoustic cabinet fans are a valuable solution for environments where noise control and equipment cooling are essential. They enable the efficient operation of equipment while maintaining a comfortable and quiet working or living space. When selecting an acoustic cabinet fan, it's important to consider factors such as airflow requirements, noise reduction capabilities, and the specific needs of the equipment or space where it will be installed.

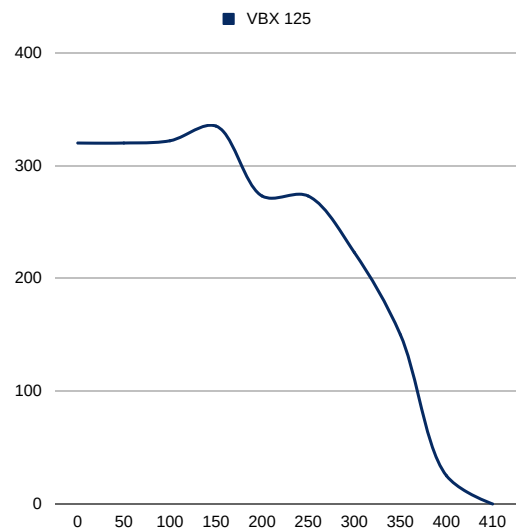
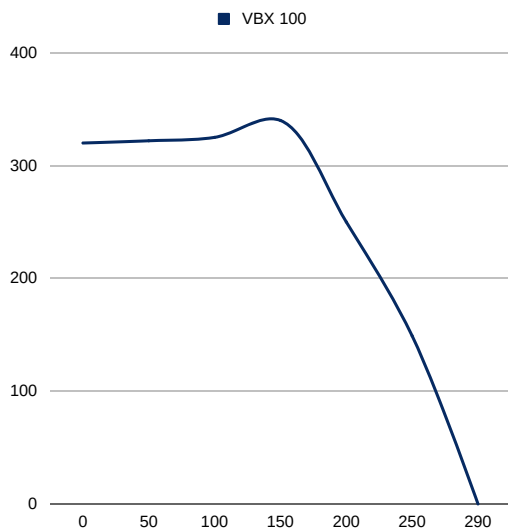
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VBX 100	230	50	80	2600	290	44	3,1
VBX 125	230	50	80	2600	410	46	3,5
VBX 150	230	50	85	2600	700	50	4
VBX 160	230	50	85	2600	710	52	4
VBX 200	230	50	122	2675	1000	55	6,3
VBX 250	230	50	145	2685	1120	62	7,8
VBX 315	230	50	210	2615	1750	63	9,6
VBX 355	230	50	380	1410	2200	68	12,5
VBX 400	230	50	380	1362	3400	70	15
VBX 450	230	50	690	1367	4900	74	16,5
VBX 500	230-380	50	830	1364	7000	77	18,5
VBX 560	380	50	1460	1369	9300	79	21

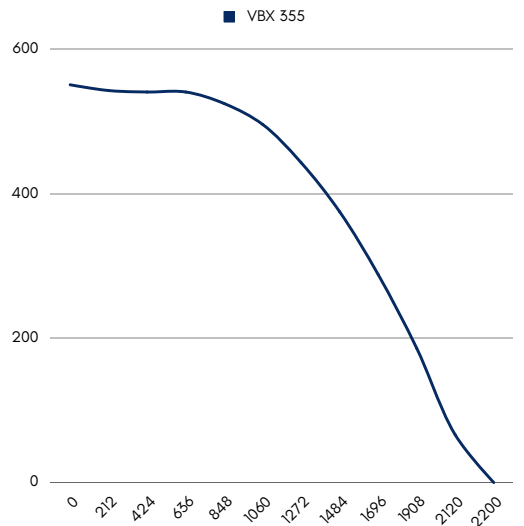
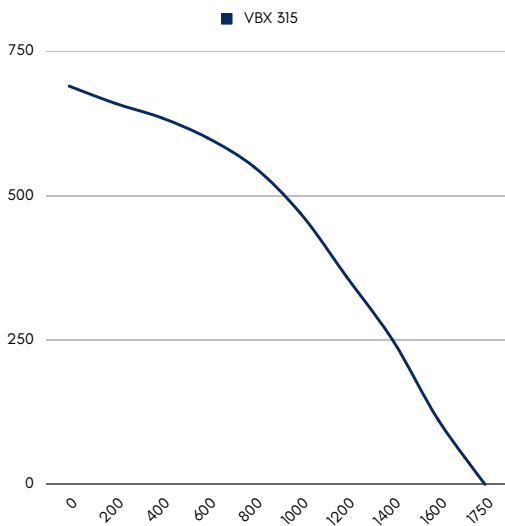
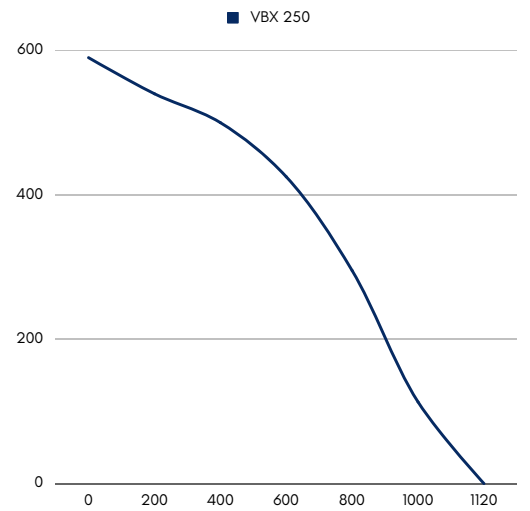
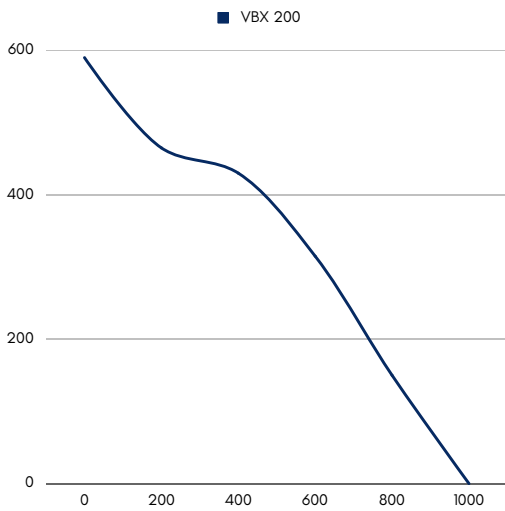
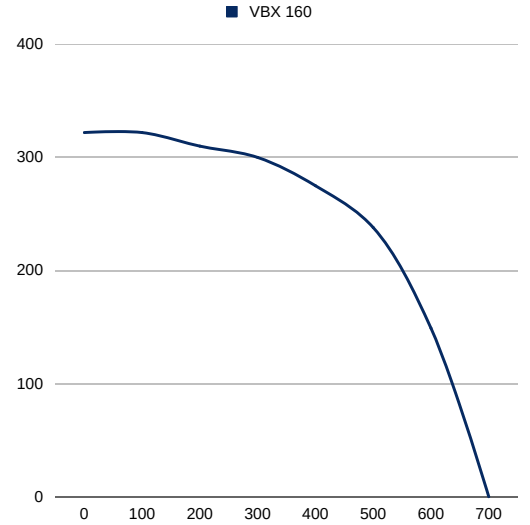
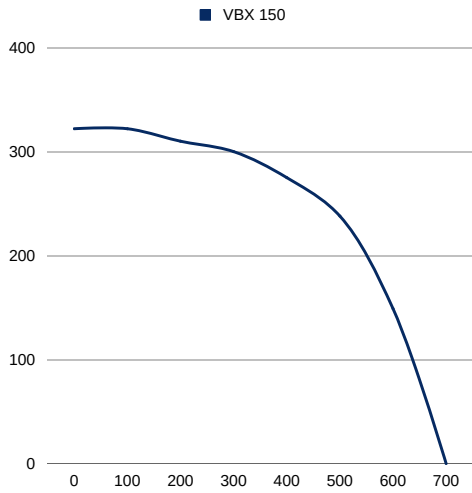
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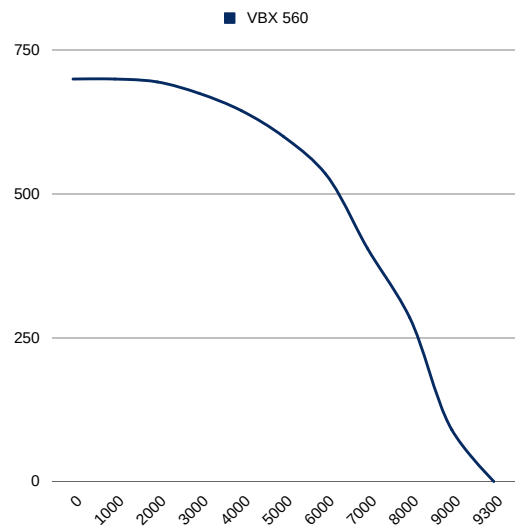
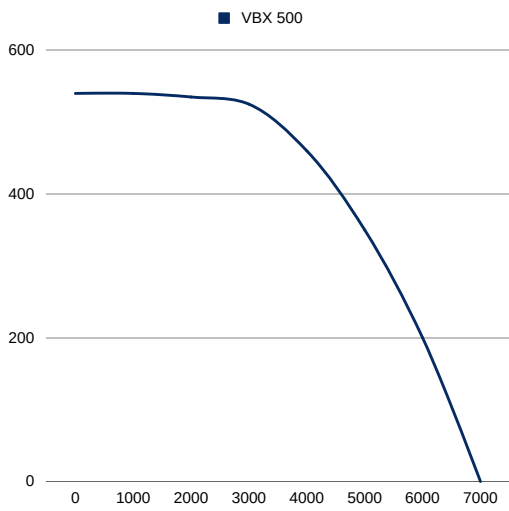
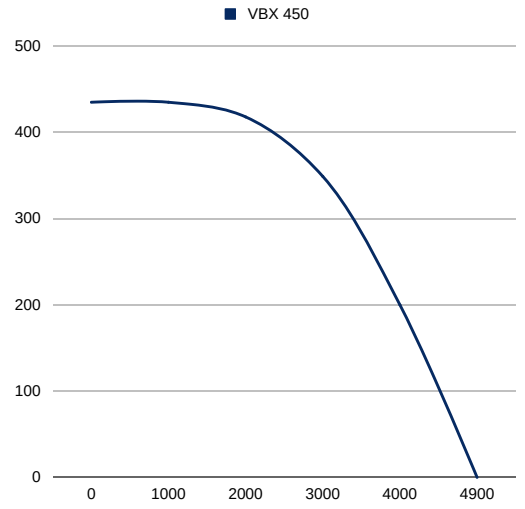
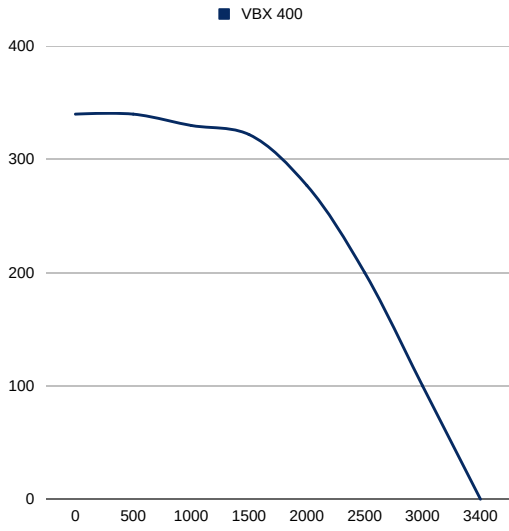
Model	A	B	C	D	E	F	G
VBX 100	342	342	304	410	100	354	246
VBX 125	342	342	304	410	125	354	246
VBX 150	342	361	304	410	150	354	246
VBX 160	342	381	304	410	160	354	246
VBX 200	392	381	354	460	200	404	296
VBX 250	472	422	354	460	250	404	382
VBX 315	502	446	404	510	315	454	406
VBX 355	572	522	454	560	355	504	574
VBX 400	602	622	554	660	400	604	506
VBX 450	652	622	554	660	450	604	556
VBX 500	702	672	604	710	500	606	654
VBX 560	752	802	604	710	560	604	656

PERFORMANCE CURVES



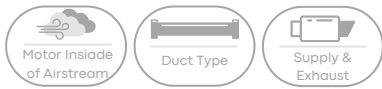


DUCT FANS / Acoustic Box Fan



VBF

Rectangular In-line Duct Fans

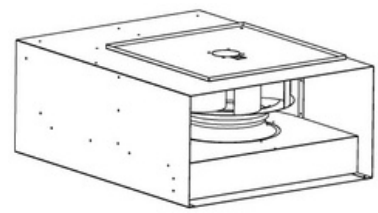
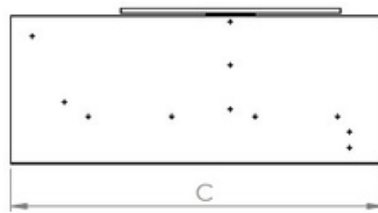
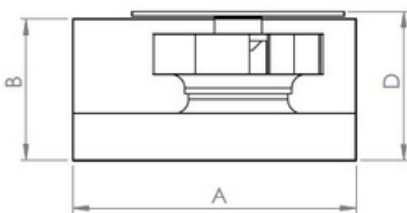


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	NONE
IMPELLER MATERIAL	ALUMINIUM/GALVANIZED METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

Rectangular duct fans are a valuable component of HVAC and ventilation systems, helping to optimize air distribution and maintain proper airflow in rectangular ductwork. They are particularly useful in situations where airflow needs to be improved, and they can contribute to better temperature control and energy efficiency within a building or industrial facility. When selecting a rectangular duct fan, it's important to consider the size of the duct, airflow requirements, and any specific noise control needs for the application.

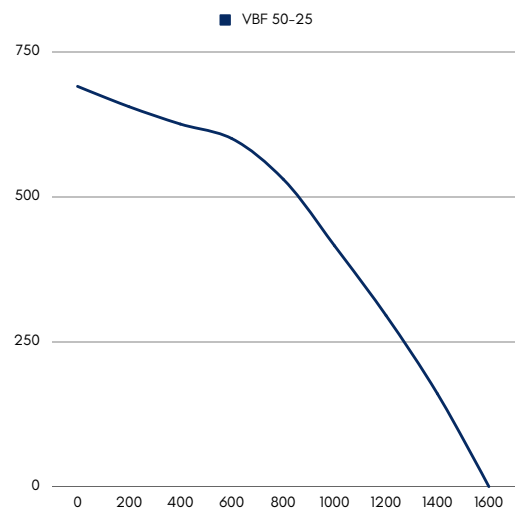
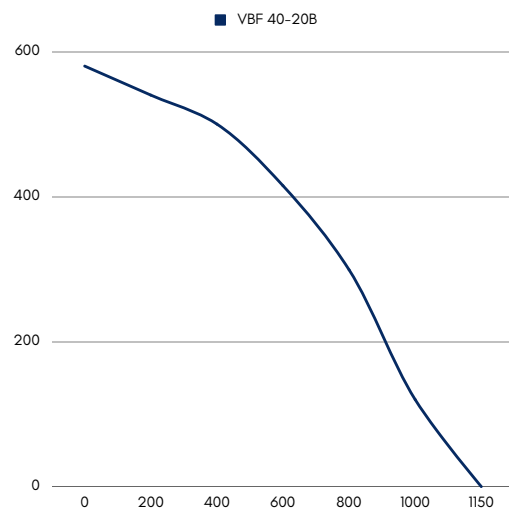
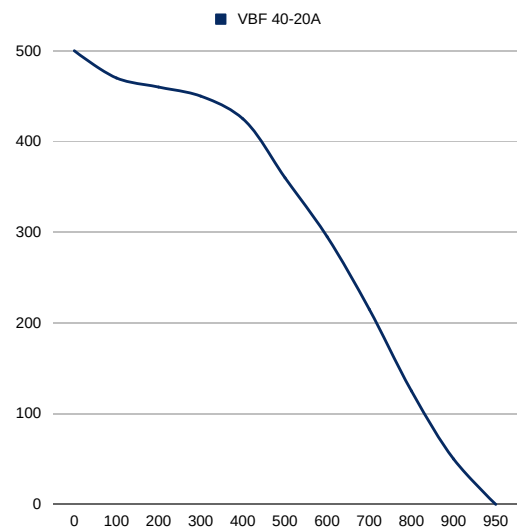
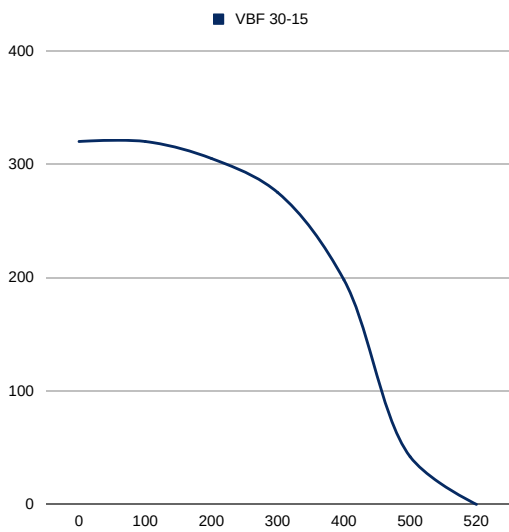
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m³/h)	Sound Pressure dB(A)	Weight (kg)
VBF 30-15	230	50	90	2600	520	51	7,2
VBF 40-20A	230	50	104	2675	950	55	11
VBF 40-20B	230	50	130	2685	1150	59	16
VBF 50-25	230	50	180	2615	1600	61	28
VBF 60-30	230	50	147	1360	2350	57	33
VBF 60-35	230	50	380	1362	3400	62	45
VBF 70-40	230	50	690	1367	4900	63	48
VBF 80-50	230-380	50	830	1364	7000	67	68
VBF 100-50	380	50	1460	1369	9300	69	85

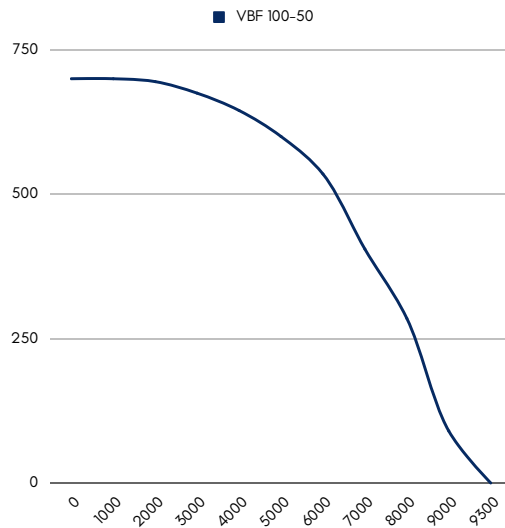
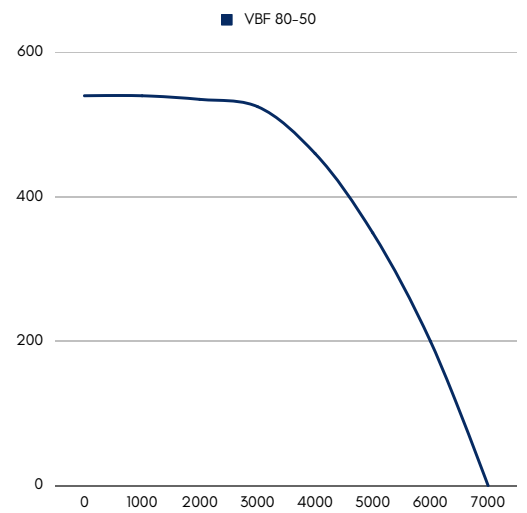
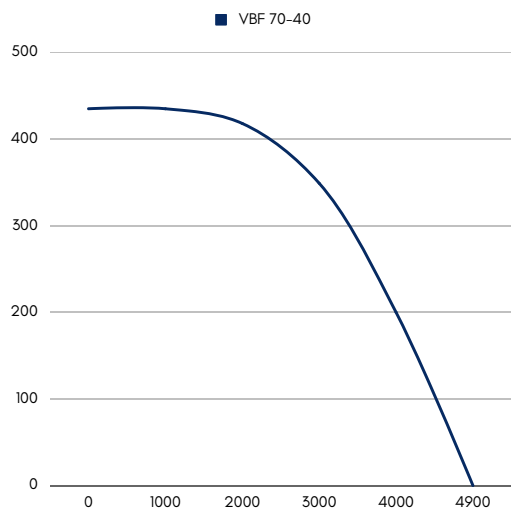
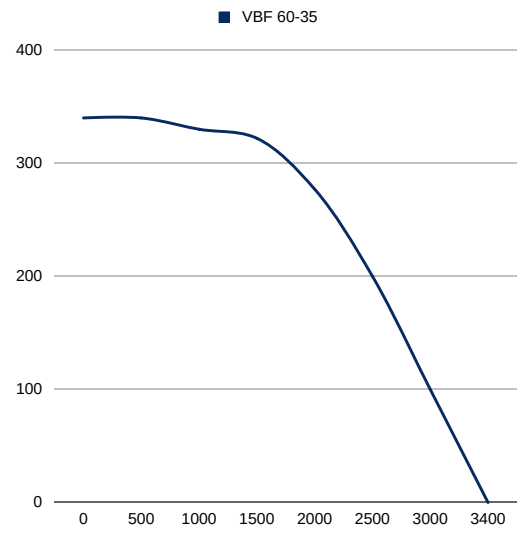
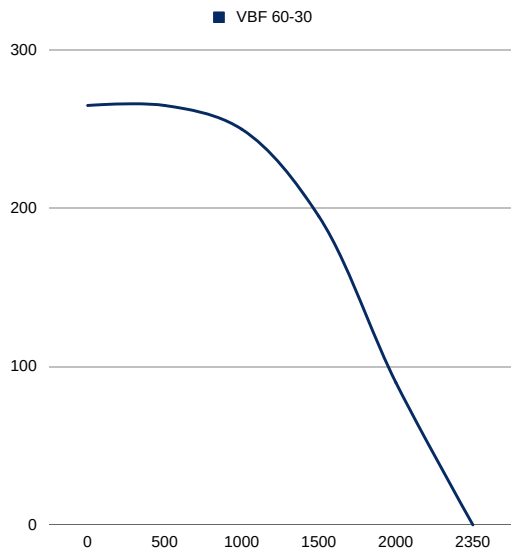
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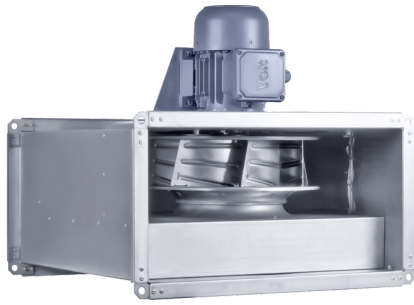


Model	A	B	C	D
VBF 30-15	300	150	400	420
VBF 40-20A	400	200	500	520
VBF 40-20B	400	200	500	520
VBF 50-25	500	250	565	585
VBF 60-30	600	300	760	780
VBF 60-35	600	350	765	785
VBF 70-40	700	400	790	810
VBF 80-50	800	500	900	920
VBF 100-50	1000	500	1050	1070

PERFORMANCE CURVES







VBF-R

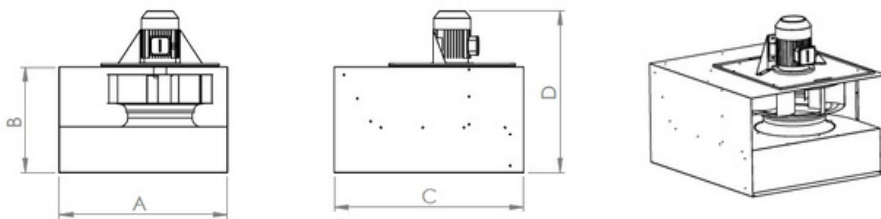
Rectangular In-line Duct Fans



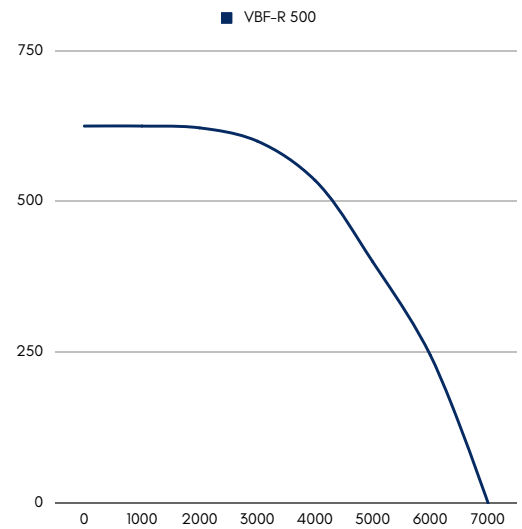
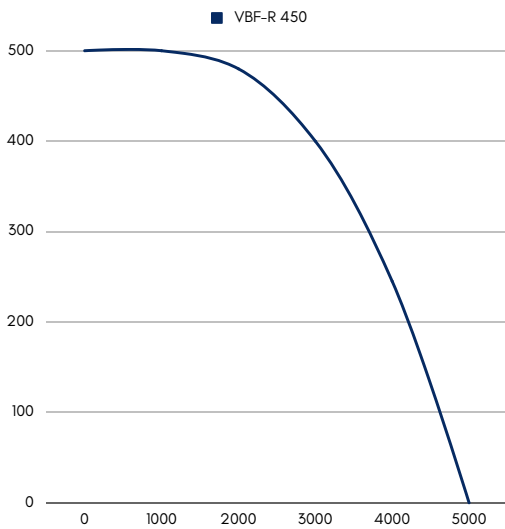
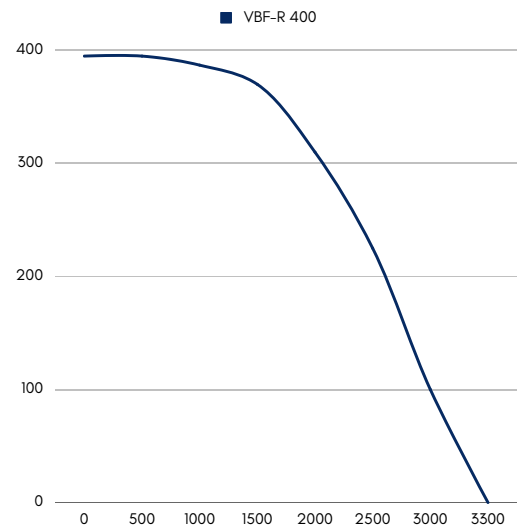
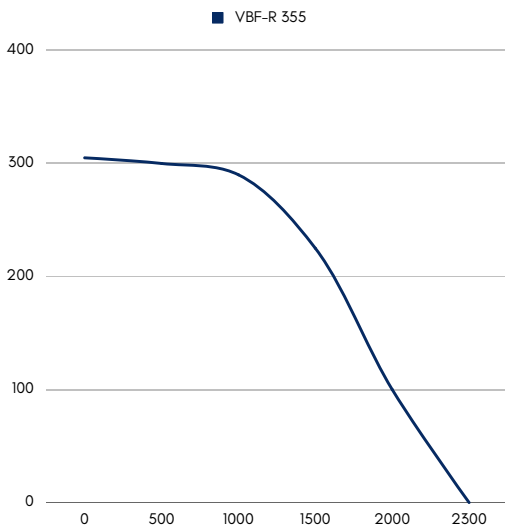
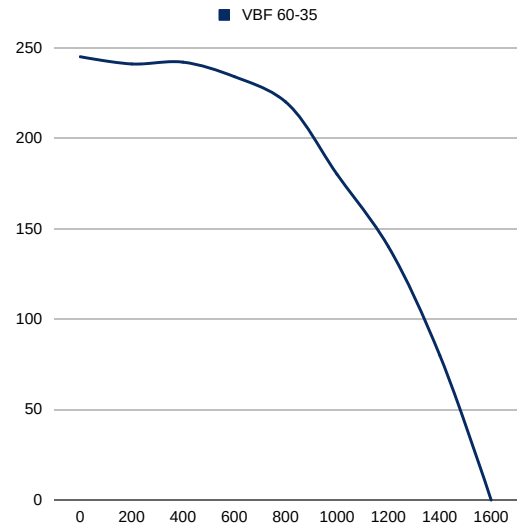
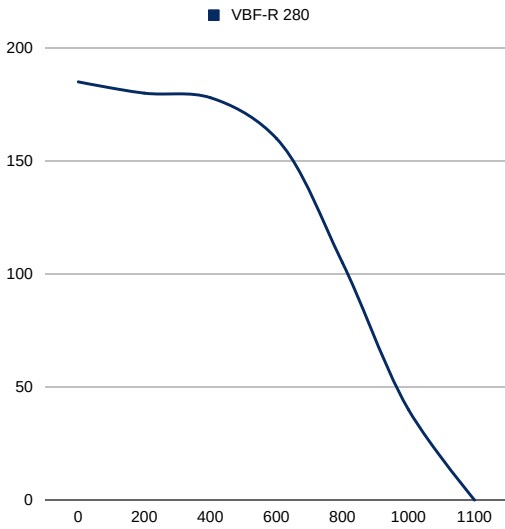
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	NONE
IMPELLER MATERIAL	ALUMINIUM/GALVANIZED METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

Rectangular duct fans are a valuable component of HVAC and ventilation systems, helping to optimize air distribution and maintain proper airflow in rectangular ductwork. They are particularly useful in situations where airflow needs to be improved, and they can contribute to better temperature control and energy efficiency within a building or industrial facility. When selecting a rectangular duct fan, it's important to consider the size of the duct, airflow requirements, and any specific noise control needs for the application.

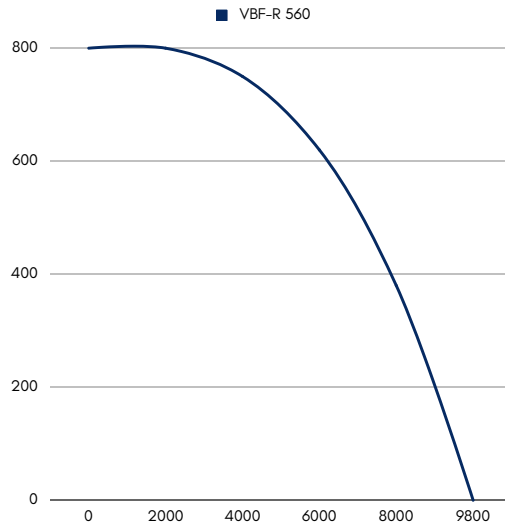
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VBF-R 280	380	50	0,18	1450	1100	58	30
VBF-R 315	380	50	0,35	1469	1600	58	35
VBF-R 355	380	50	0,37	1471	2300	60	36
VBF-R 400	380	50	0,55	1478	3300	61	49
VBF-R 450	380	50	0,75	1454	5000	63	52
VBF-R 500	380	50	1,10	1462	7000	67	74
VBF-R 560	380	50	1,50	1464	9800	70	91



Model	A	B	C	D
VBF 30-15	500	250	565	450
VBF 40-20A	500	250	5650	476
VBF 40-20B	600	300	760	526
VBF 50-25	600	350	750	590
VBF 60-30	700	400	790	641
VBF 60-35	800	500	900	765
VBF 60-30	1000	500	1050	790

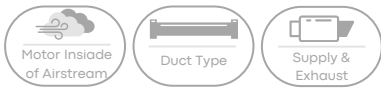
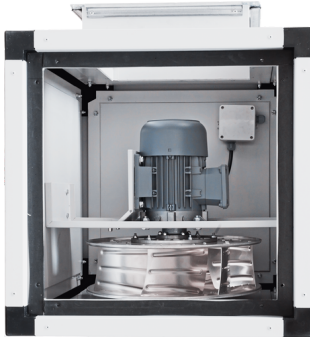


PERFORMANCE CURVES



VSF

Centrifugal Box Fan



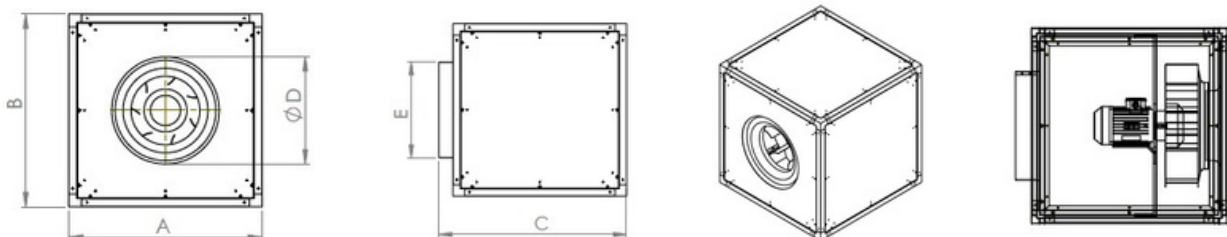
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 54
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A duct-type box fan is a type of fan designed to be used in conjunction with ductwork or ventilation systems. These fans are typically installed within the ductwork or ventilation system and are designed to be relatively compact and easy to install. They come in various sizes and airflow capacities to suit different applications. Some duct fans can be connected to ducts with ease, while others may require professional installation.

It's essential to ensure that the duct fan is appropriately sized for the specific application to ensure efficient ventilation or cooling. Additionally, proper maintenance and cleaning are important to keep the fan operating at peak efficiency.

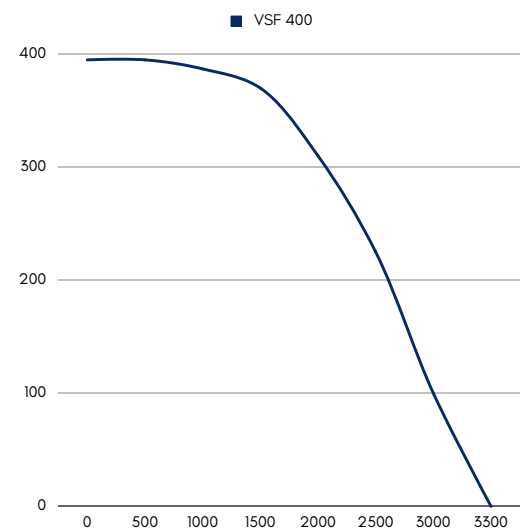
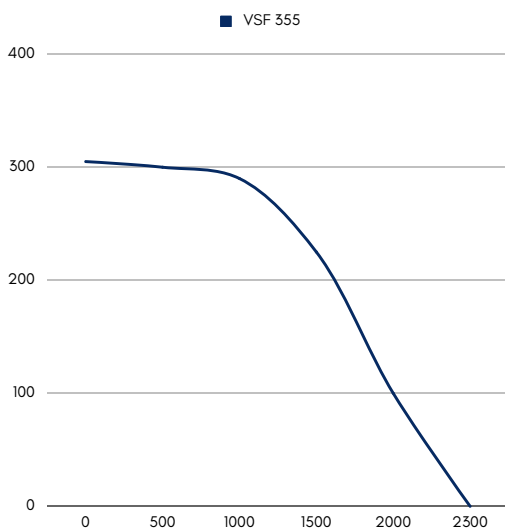
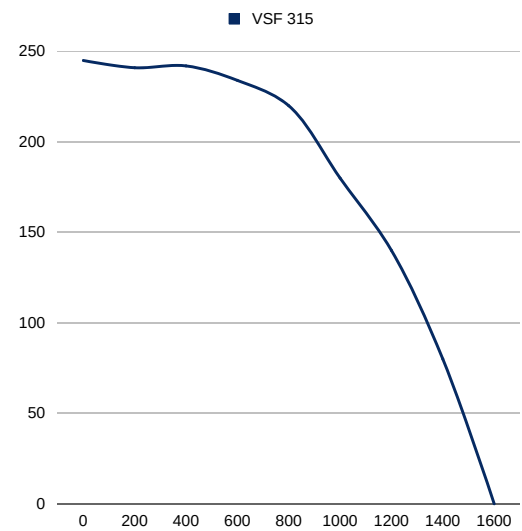
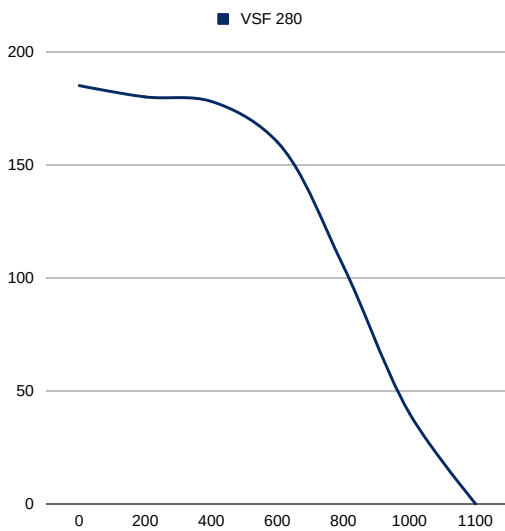
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m³/h)	Sound Pressure dB(A)	Weight (kg)
VSF 280	380	50	0,18	1450	1100	37	11
VSF 315	380	50	0,25	1469	1600	38	15
VSF 355	380	50	0,37	1471	2300	43	22
VSF 400	380	50	0,55	1478	3300	45	34
VSF 450	380	50	0,75	1454	5000	50	42
VSF 500	380	50	1,10	1462	7000	53	50
VSF 560	380	50	1,50	1464	9800	56	55
VSF 630	380	50	3,00	1465	14000	59	61
VSF 710	380	50	4,00	950	13000	55	70

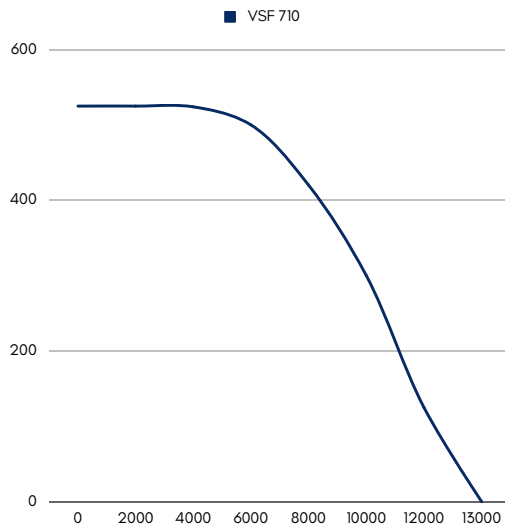
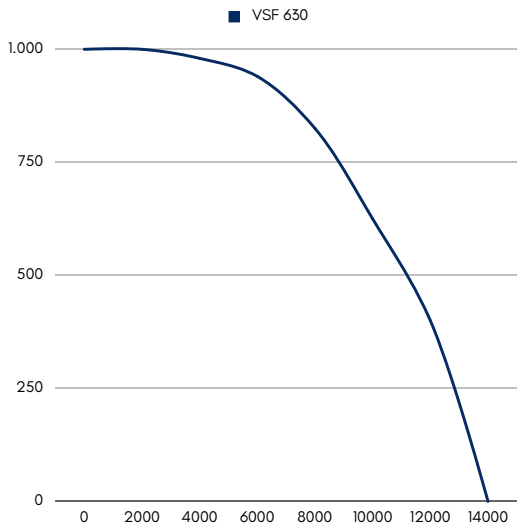
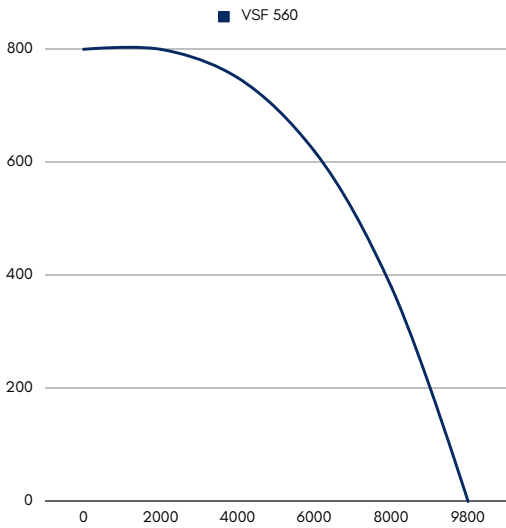
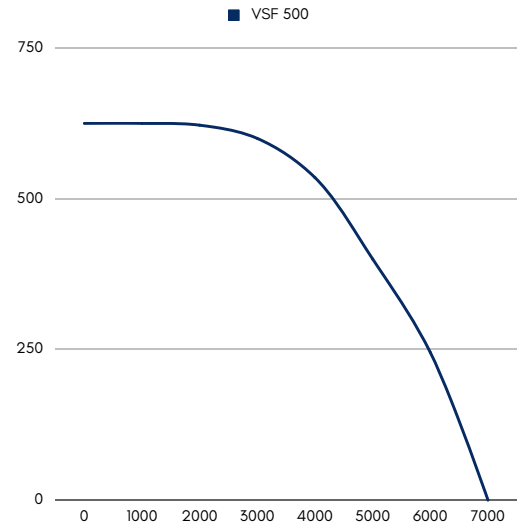
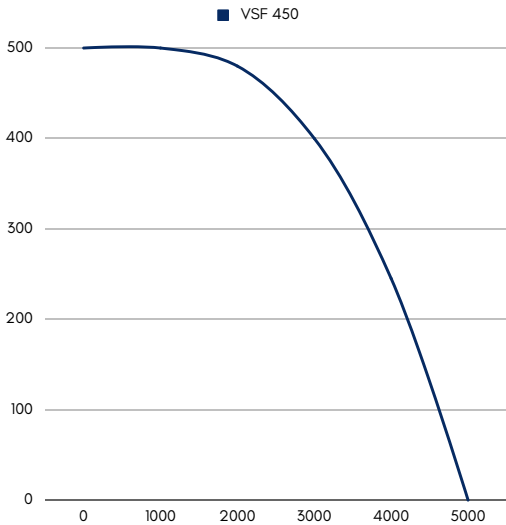
DRAWING



Model	A	B	C	D	E
VSF 280	450	450	450	280	280
VSF 315	500	500	500	315	315
VSF 355	500	500	500	355	355
VSF 400	600	600	600	400	400
VSF 450	700	700	700	450	450
VSF 500	800	800	800	500	500
VSF 560	900	900	900	560	560
VSF 630	1000	1000	1000	630	630
VKF-R 710	1100	1100	1100	710	710

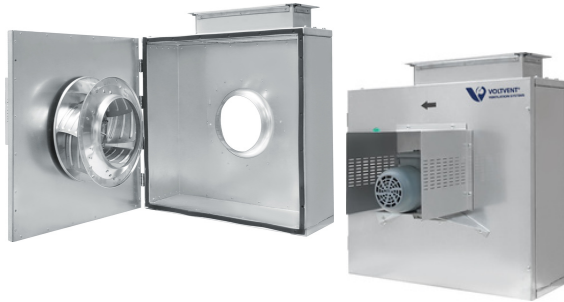
PERFORMANCE CURVES





VKEF

Kitchen Exhaust Fans

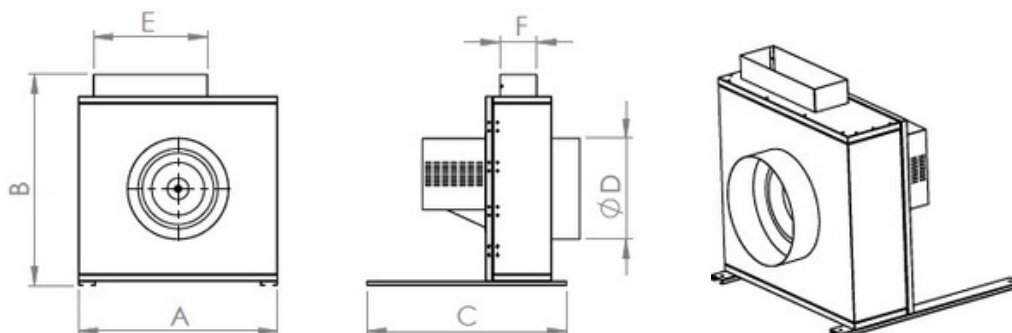


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A kitchen extract ventilation unit, often referred to simply as an "extractor fan" or "kitchen exhaust system," is an integral part of a commercial or industrial kitchen's ventilation system. Its primary function is to remove air, heat, grease, and odors generated during cooking from the kitchen space and expel them outside, promoting a clean and safe kitchen environment.

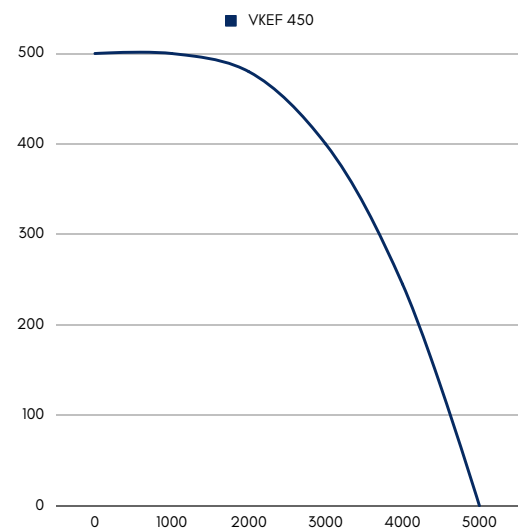
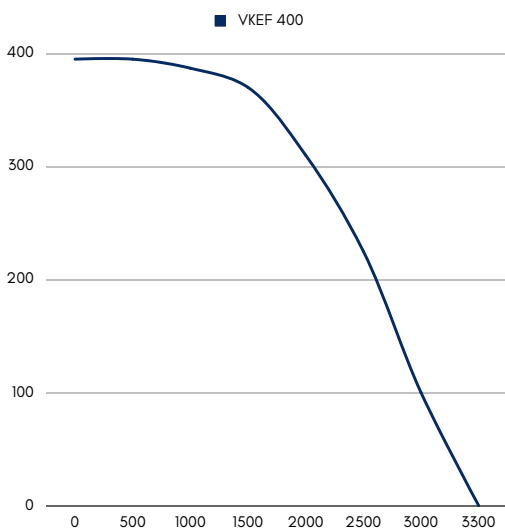
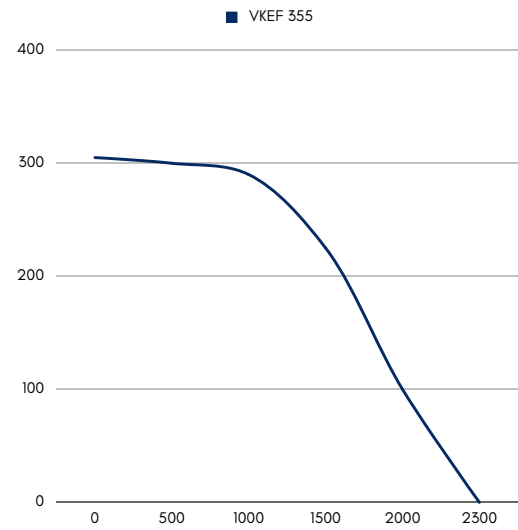
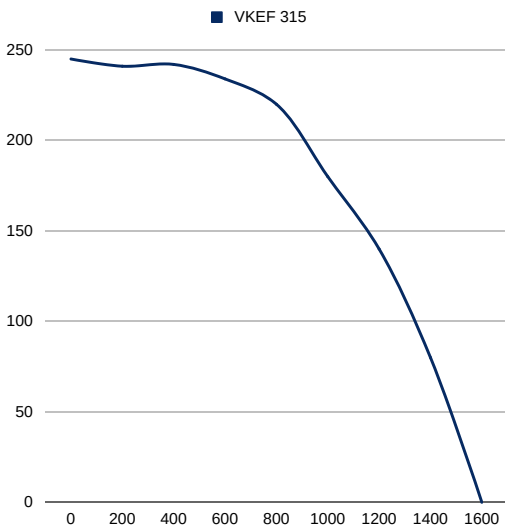
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VKEF 315	380	50	0,25	1469	1600	37	18
VKEF 355	380	50	0,37	1471	2300	41	23
VKEF 400	380	50	0,55	1478	3300	42	30
VKEF 450	380	50	0,75	1454	5000	45	42
VKEF 500	380	50	1,10	1462	7000	49	55
VKEF 560	380	50	1,50	1454	9800	56	60

DRAWING

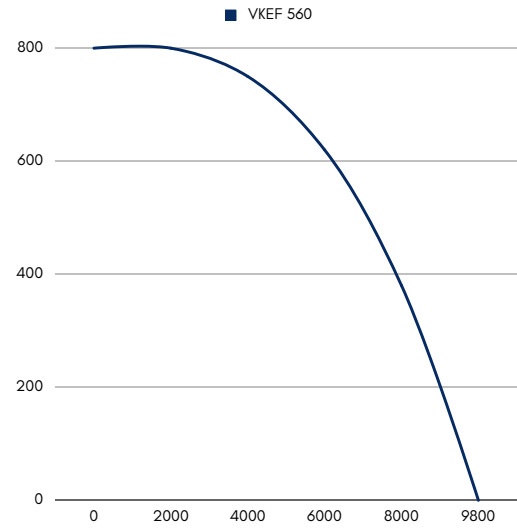
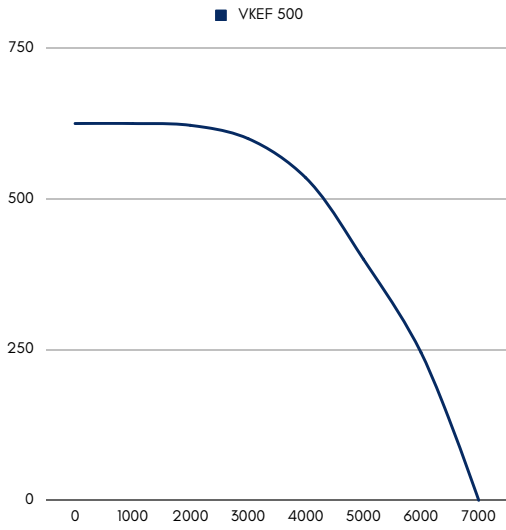


Model	A	B	C	D	E	F
VKEF 315	650	690	700	315	300	110
VKEF 355	700	740	700	355	400	130
VKEF400	750	790	700	400	400	150
VKEF 450	800	840	700	450	400	170
VKEF 500	850	890	700	500	440	190
VKEF 560	900	940	700	560	450	210

PERFORMANCE CURVES

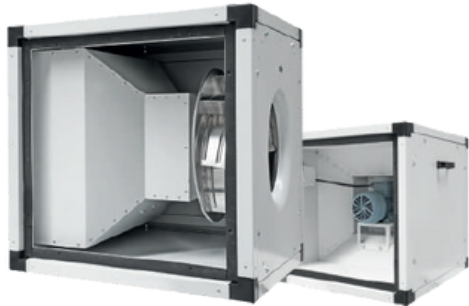


DUCT FANS / Kitchen Exhaust Fans



VKF-R

Kitchen Exhaust Fan

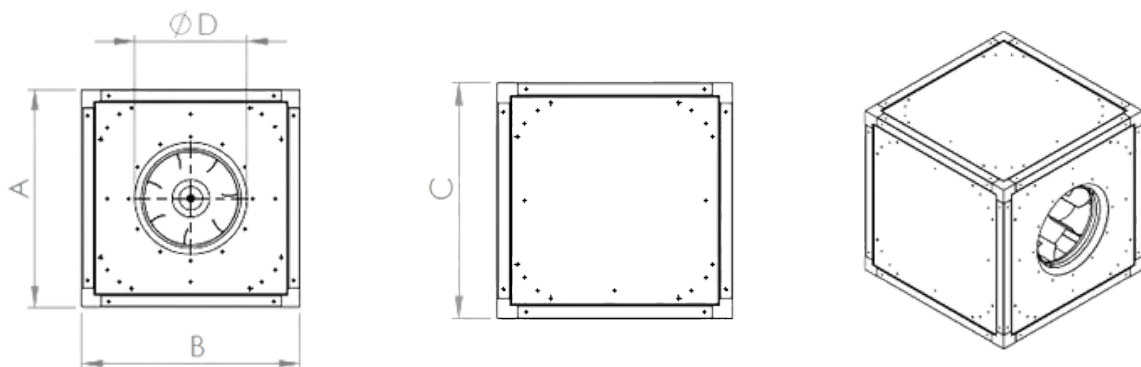


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A kitchen extract ventilation unit, often referred to simply as an "extractor fan" or "kitchen exhaust system," is an integral part of a commercial or industrial kitchen's ventilation system. Its primary function is to remove air, heat, grease, and odors generated during cooking from the kitchen space and expel them outside, promoting a clean and safe kitchen environment.

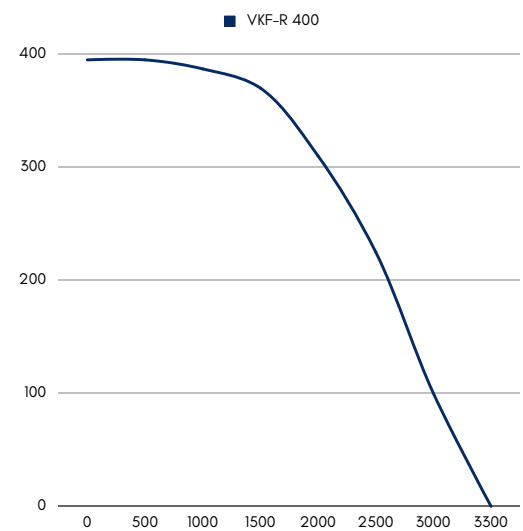
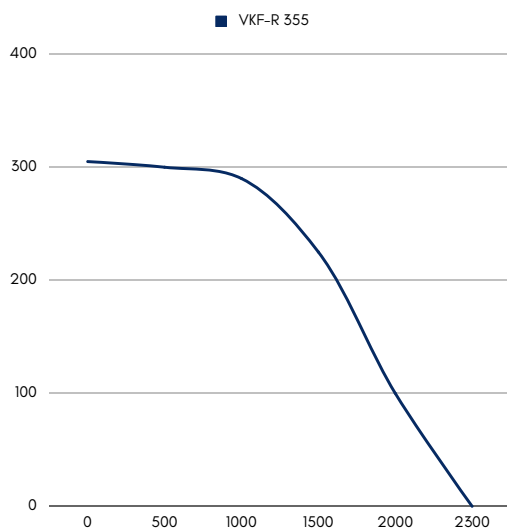
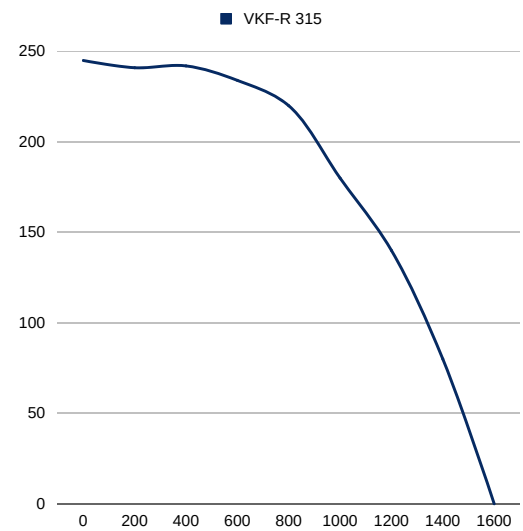
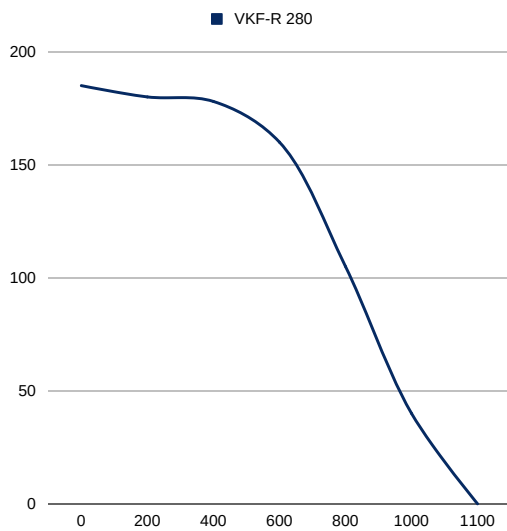
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VKF-R 280	380	50	0,18	1450	1100	37	11
VKF-R 315	380	50	0,25	1469	1600	38	15
VKF-R 355	380	50	0,37	1471	2300	43	22
VKF-R 400	380	50	0,55	1478	3300	45	34
VKF-R 450	380	50	0,75	1454	5000	50	42
VKF-R 500	380	50	1,10	1462	7000	53	50
VKF-R 560	380	50	1,50	1464	9800	56	55
VKF-R 630	380	50	3,00	1465	14000	59	61
VKF-R 710	380	50	4,00	950	13000	55	70

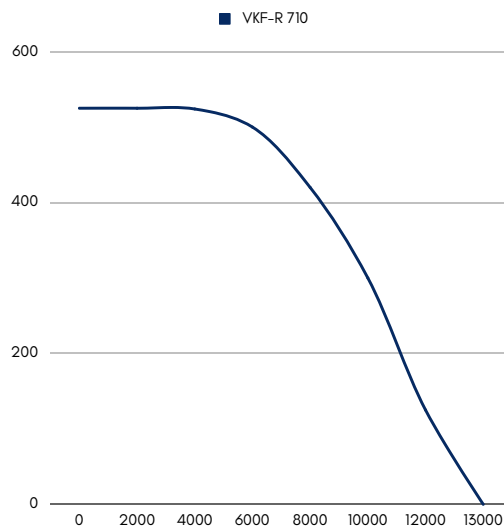
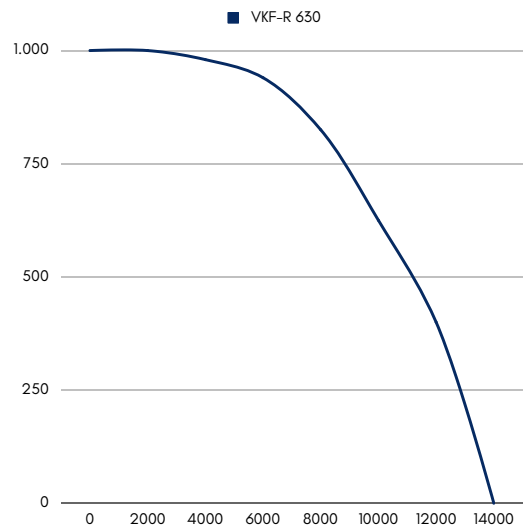
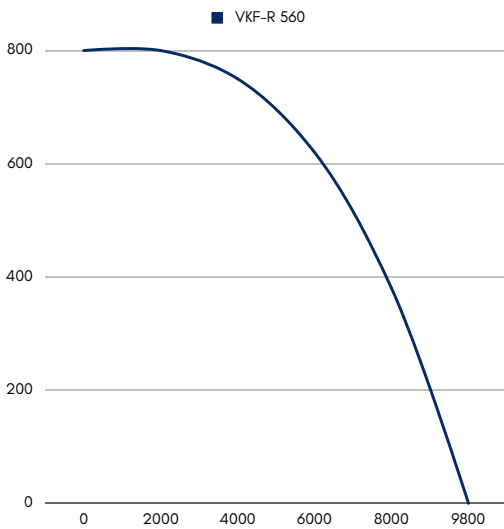
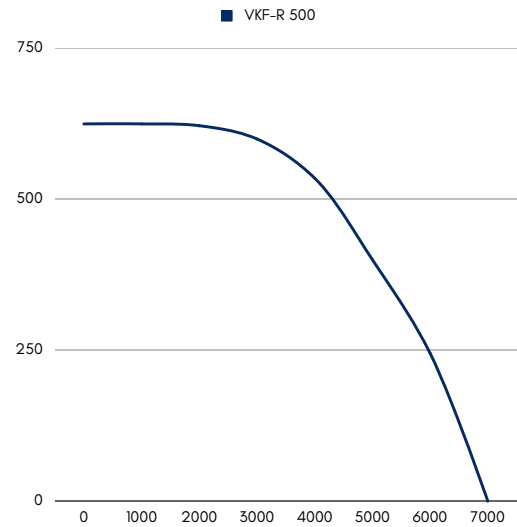
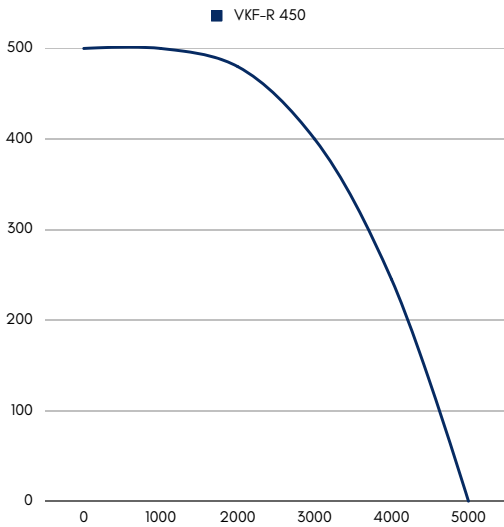
DRAWING



Model	A	B	C	D
VKF-R 280	450	450	450	280
VKF-R 315	500	500	500	315
VKF-R 355	500	500	500	355
VKF-R 400	600	600	600	400
VKF-R 450	700	700	700	450
VKF-R 500	800	800	800	500
VKF-R 560	900	900	900	560
VKF-R 630	1000	1000	1000	630
VKF-R 710	1100	1100	1100	710

PERFORMANCE CURVES





VLF-B

Box Type Axial Flow Fan



MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A long-cased axial fan, also known as a tube axial fan or a ducted axial fan, is a type of industrial fan designed to move air or other gases in a straight-line path through a duct or enclosed space. It is called "long-cased" because it typically has a cylindrical or elongated casing or housing that encloses the fan blades and motor assembly.

In summary, a long-cased axial fan is a specialized industrial fan designed for applications that require straight-line airflow through ducts or enclosed spaces. They are commonly used in HVAC systems and various industrial processes where efficient and controlled airflow is crucial. These fans are known for their effectiveness in moving large volumes of air while maintaining energy efficiency.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-B 400/5-25	380	50/60	0,37	1450	2895	66
VLF-B 450/5-25	380	50/60	0,55	1456	4180	69
VLF-B 500/5-25	380	50/60	0,55	1453	5845	72
VLF-B 560/5-25	380	50/60	0,75	1466	8150	75
VLF-B 630/5-30	380	50/60	1,10	1465	13480	80
VLF-B 710/5-30	380	50/60	1,40	1472	19210	83
VLF-B 800/5-30	380	50/60	2,20	1459	25560	85
VLF-B 800/5-35	380	50/60	3,00	1463	30940	89
VLF-B 900/5-35	380	50/60	4,00	1471	39250	90
VLF-B 900/5-40	380	50/60	5,50	1472	44635	93
VLF-B 900/8-40	380	50/60	11,00	1454	46200	94
VLF-B 1000/5-40	380	50/60	7,50	1478	54570	94
VLF-B 1000/8-40	380	50/60	15,00	1456	62250	97
VLF-B 1000/8-45	380	50/60	18,50	1458	69070	99
VLF-B 1120/8-40	380	50/60	22,00	1471	86620	100
VLF-B 1120/8-45	380	50/60	30,00	1474	95270	102

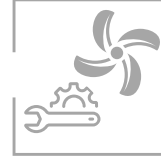
OPTIONS



Electro-static Powder Coating With Any RAL Color



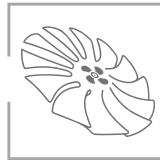
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation



5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

ACCESSORIES



Mounting Feet



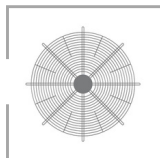
Vibration Isolator



Counter Flange



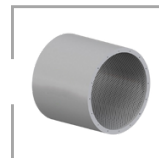
Connector



Protection Guard



Back Draft Damper

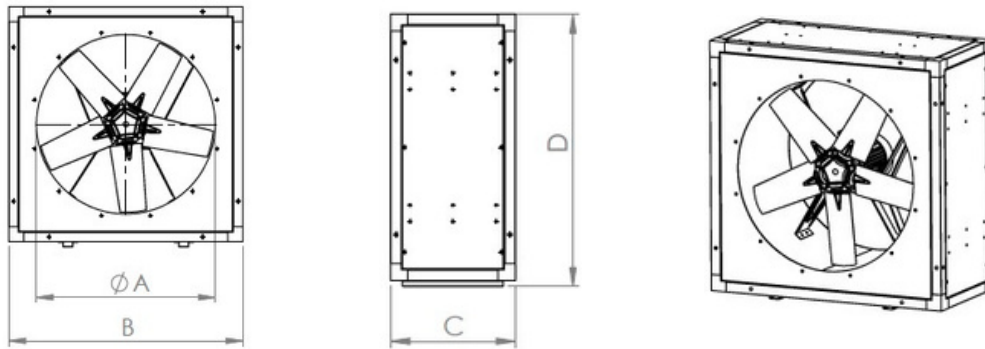


Silencer

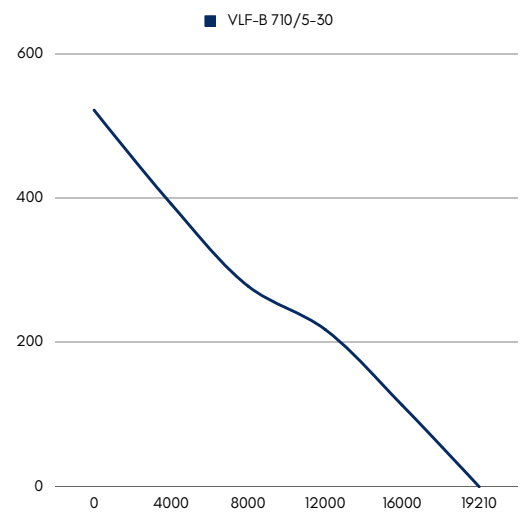
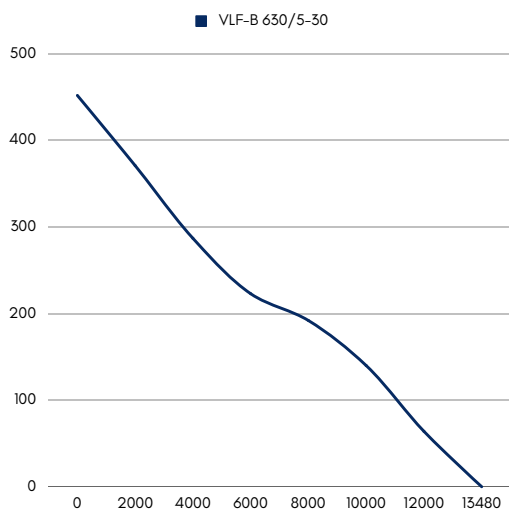
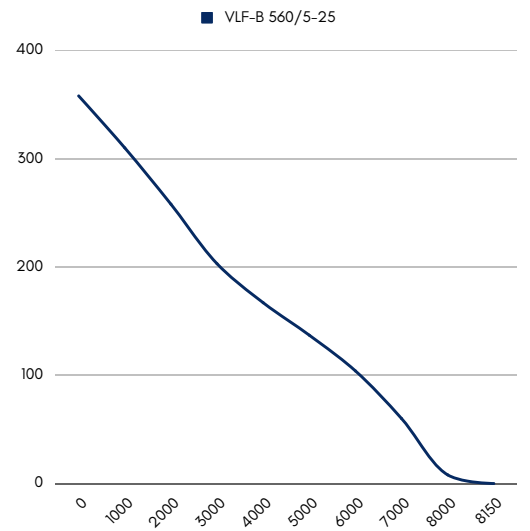
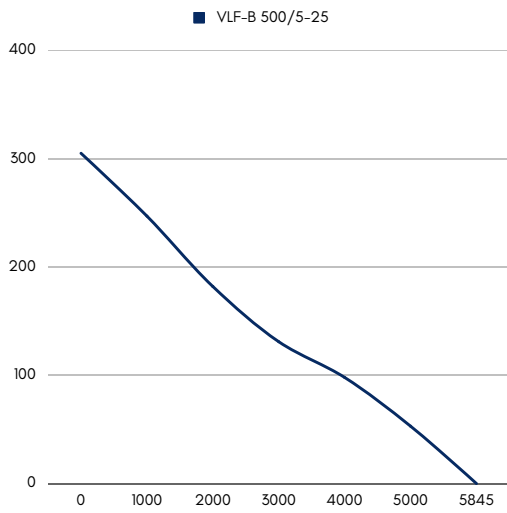
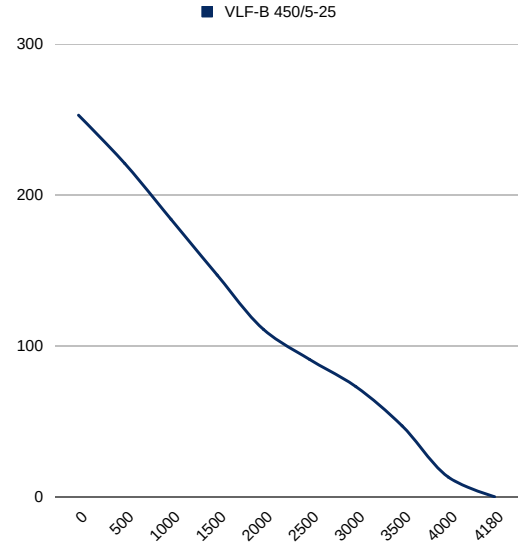
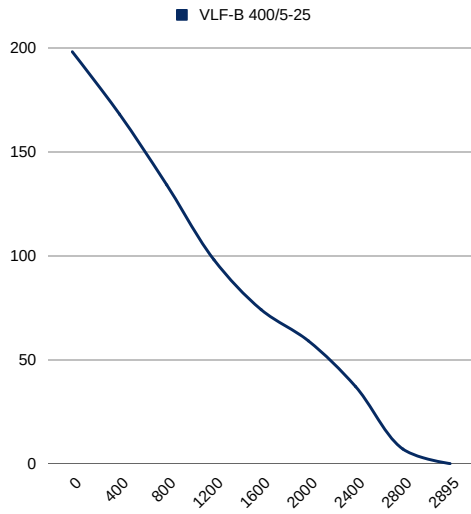


Frequency Inverter

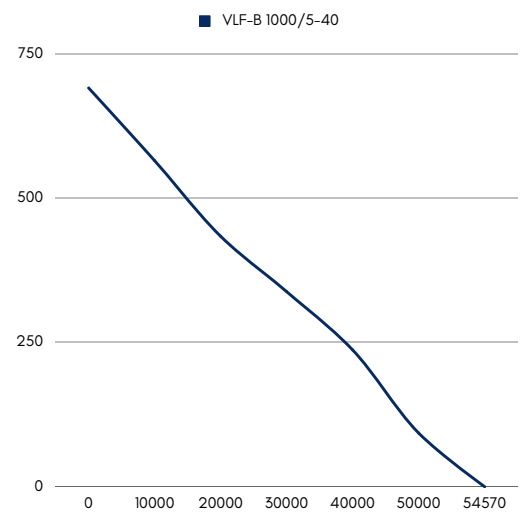
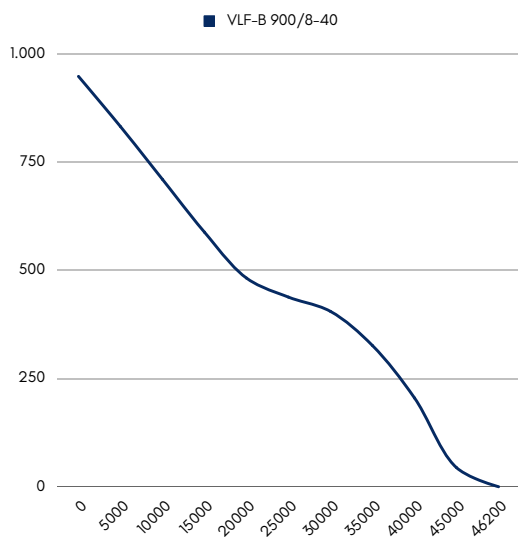
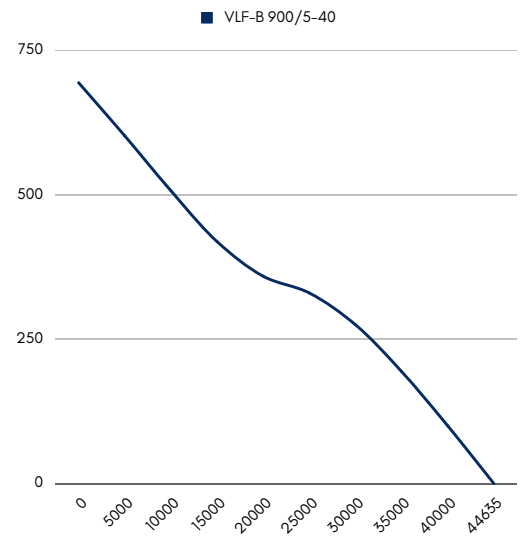
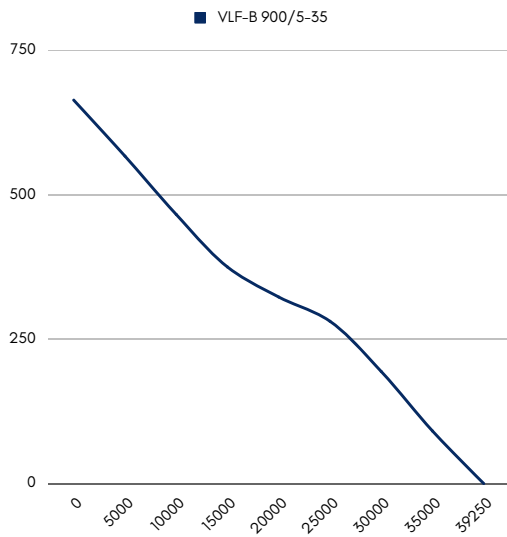
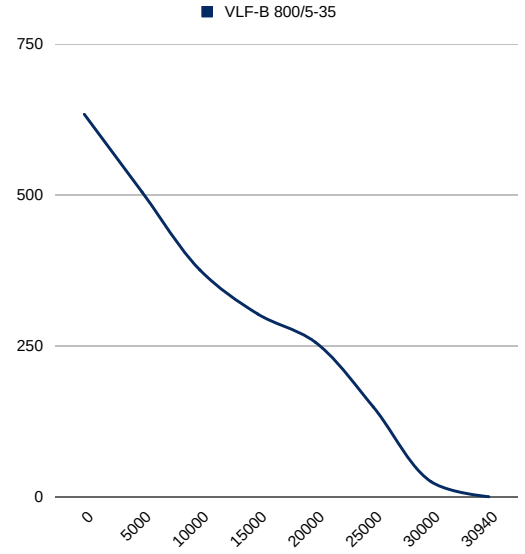
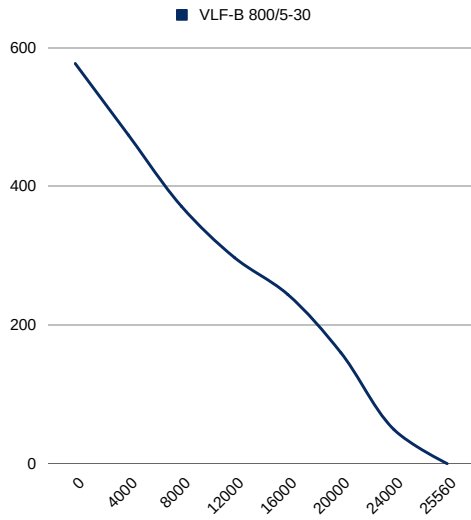
DRAWINGS

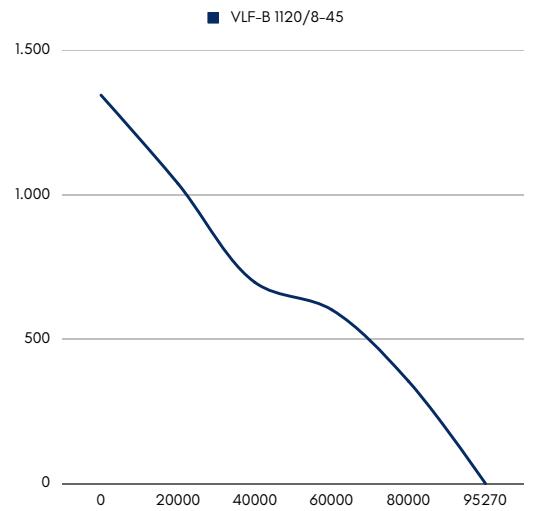
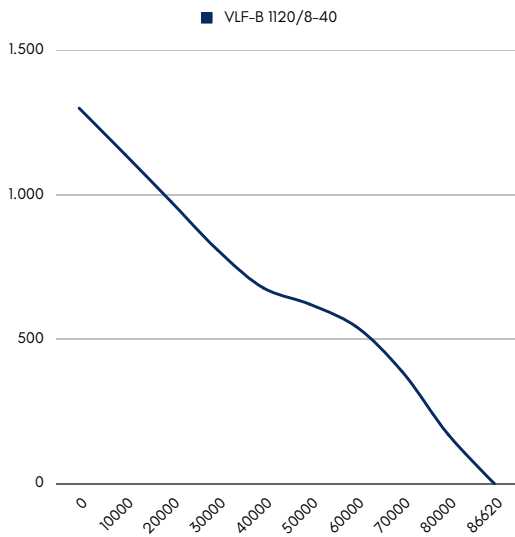
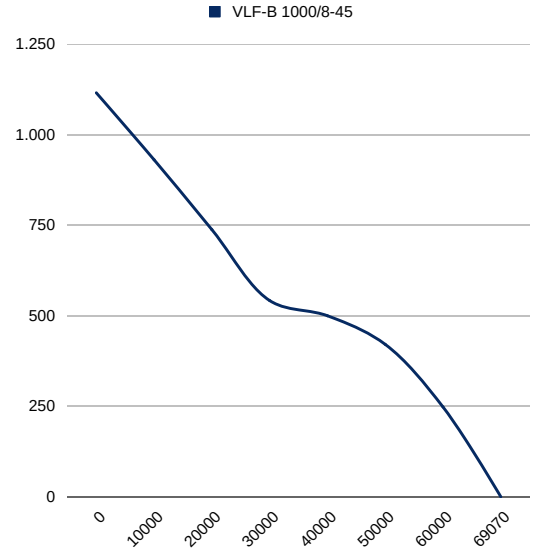
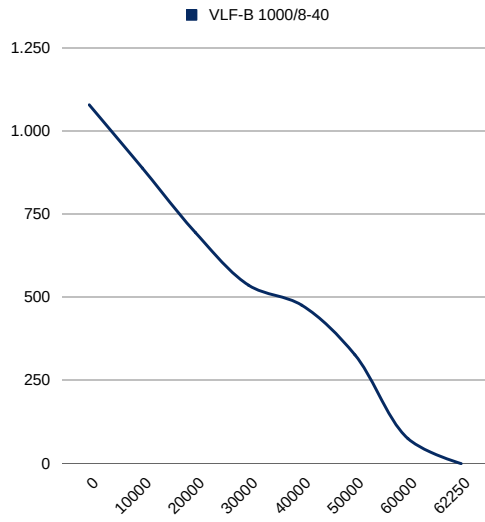


Model	A	B	C	D	E	(N) Screw Hole
VLF-B 400/5-25	400	620	425	425	11	8
VLF-B 450/5-25	450	670	425	475	11	8
VLF-B 500/5-25	500	720	425	525	11	8
VLF-B 560/5-25	560	780	425	585	11	12
VLF-B 630/5-30	630	850	425	655	11	12
VLF-B 710/5-30	710	930	425	735	11	12
VLF-B 800/5-30	800	1020	425	825	11	16
VLF-B 900/5-35	800	1120	525	925	11	16
VLF-B 1000/5-35	900	1220	525	1025	11	16
VLF-B 1120/5-40	900	1340	525	1145	11	16



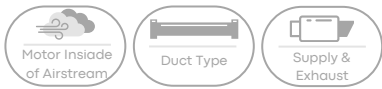
DUCT FANS / Box Type Axial Flow Fan





VDF

Belt-driven Cabinet Duct Fan

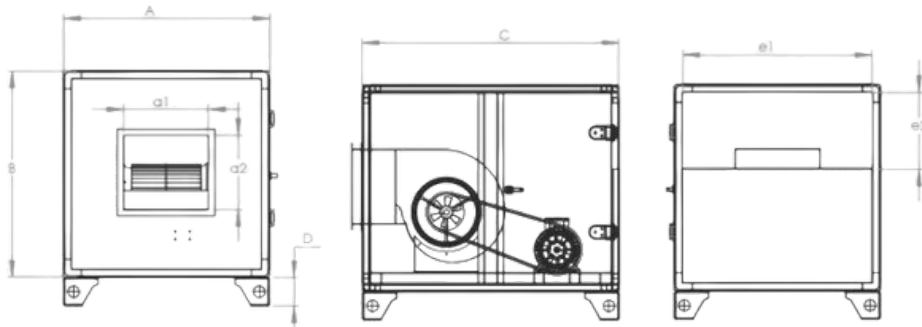


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

Belt-driven cabinet ventilation fans are a type of mechanical fan system used for cooling and ventilating enclosures or cabinets in various industrial applications. These fans are designed to provide efficient airflow and temperature control within equipment cabinets or enclosures that house sensitive electronics, machinery, or other components.

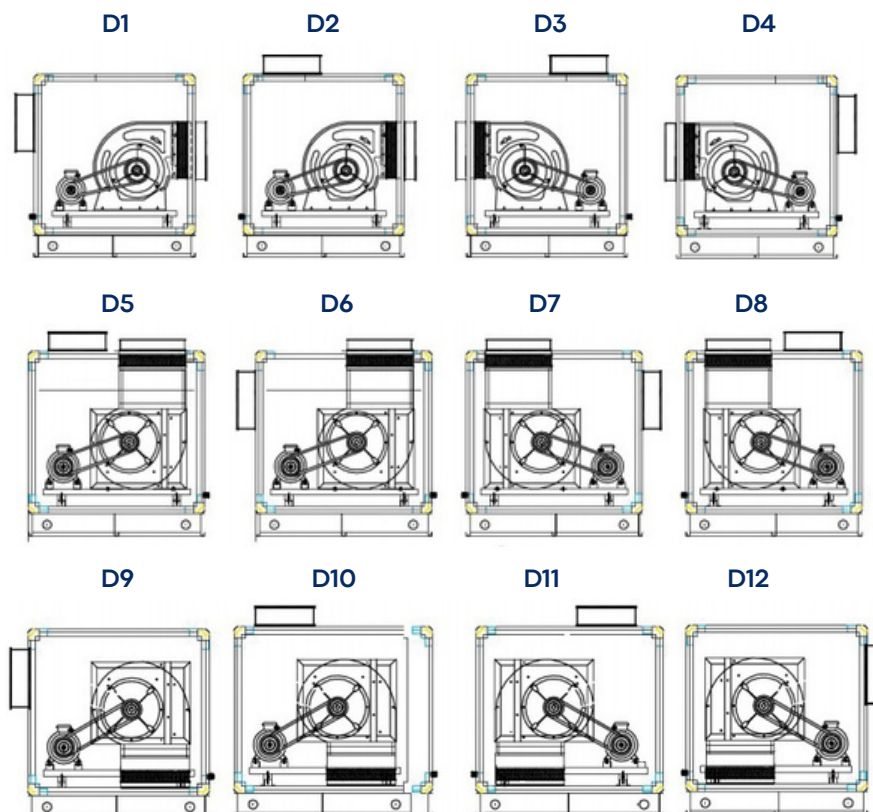
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VDF 7/A	230 / 380	50	3.3\1.6	0,75	1400	2250	50	69
VDF 7/B	230 / 380	50	5.4\11.92	1,1	1400	2800	60	72
VDF 9/A	230 / 380	50	5.4\11.92	1,1	1400	4200	60	80
VDF 9/B	230 / 380	50	9.8\3.5	1,5	1400	4850	61	82
VDF 10/A	230 / 380	50	9.8\3.5	1,5	1400	5500	61	89
VDF 10/B	230 / 380	50	14\4.9	2,2	1400	6300	62	94
VDF 12/A	230 / 380	50	14\4.9	2,2	1400	8200	62	120
VDF 12/B	230 / 380	50	20\6.7	3	1400	8750	63	123
VDF 15/A	230 / 380	50	20\6.7	3	1400	11250	63	138
VDF 15/B	230 / 380	50	8.4	4	1400	12500	65	144
VDF 18/A	230 / 380	50	11.5	5,5	1400	16050	68	186
VDF 18/B	230 / 380	50	16	7,5	1400	18800	69	193

DRAWING

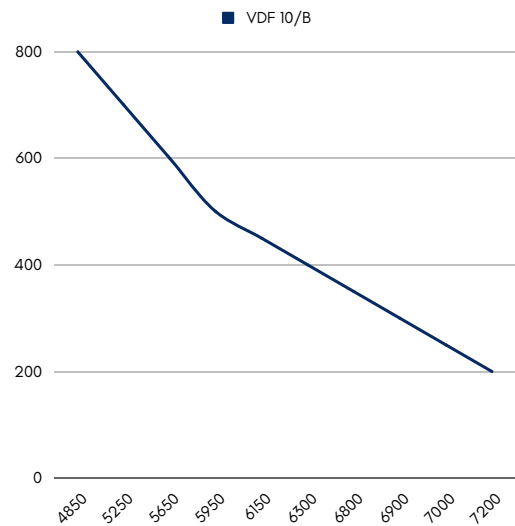
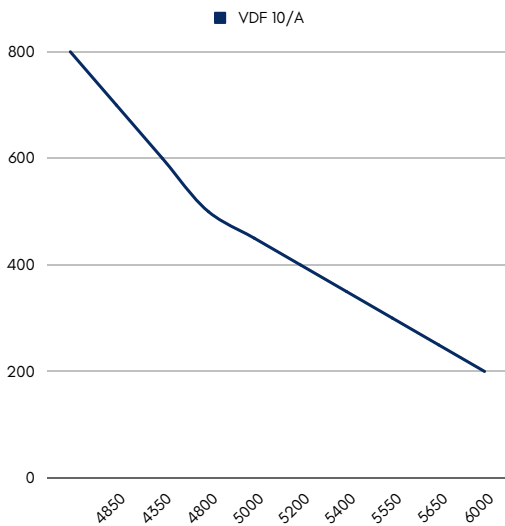
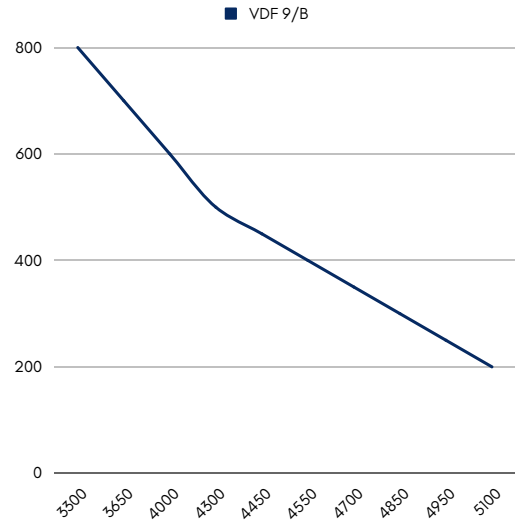
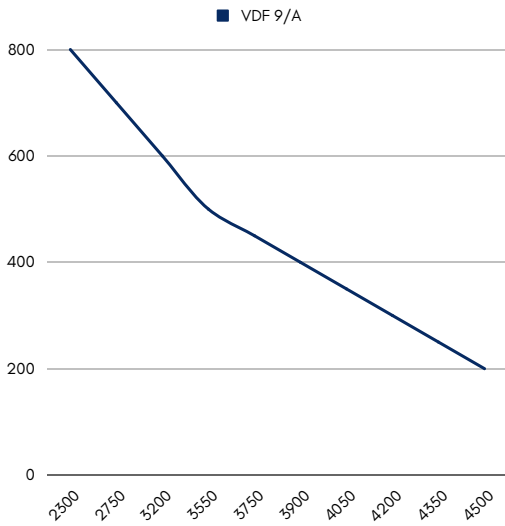
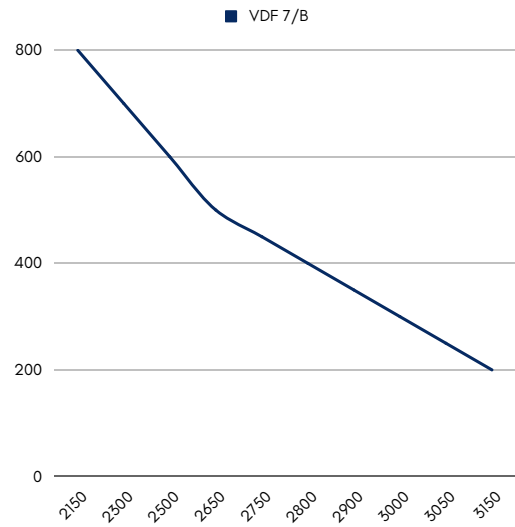
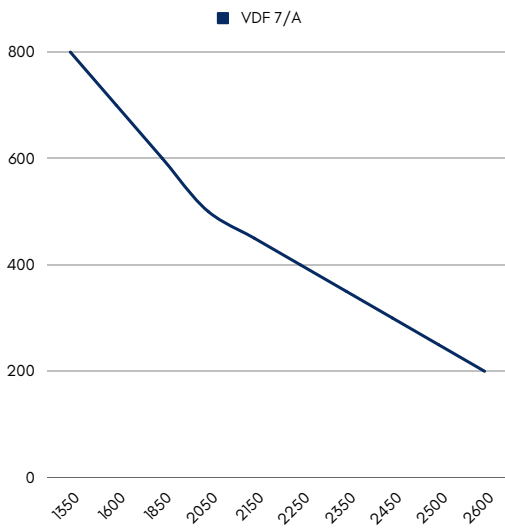


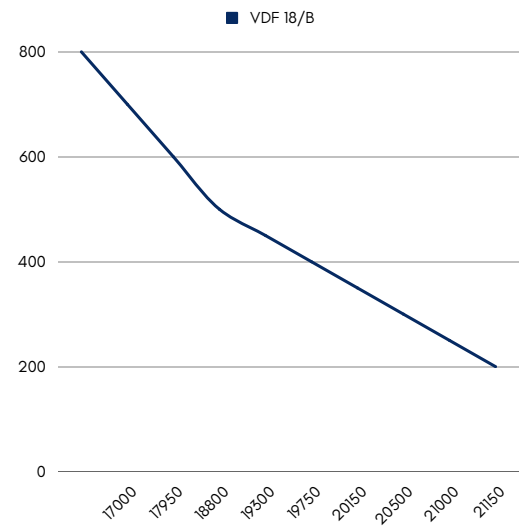
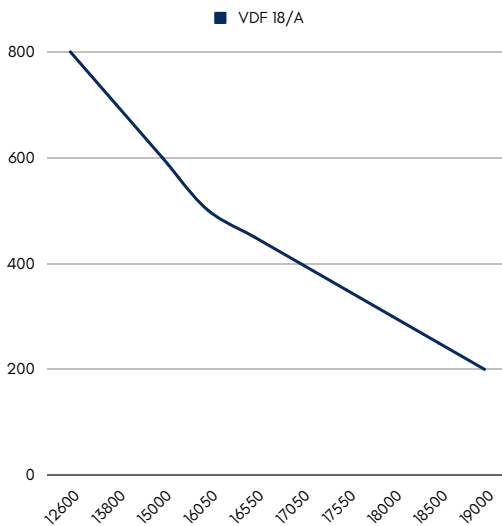
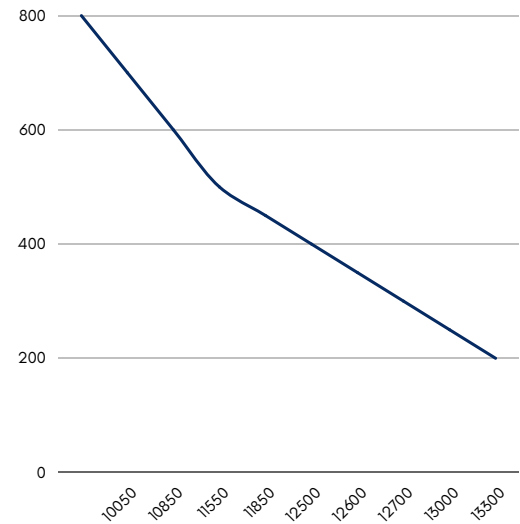
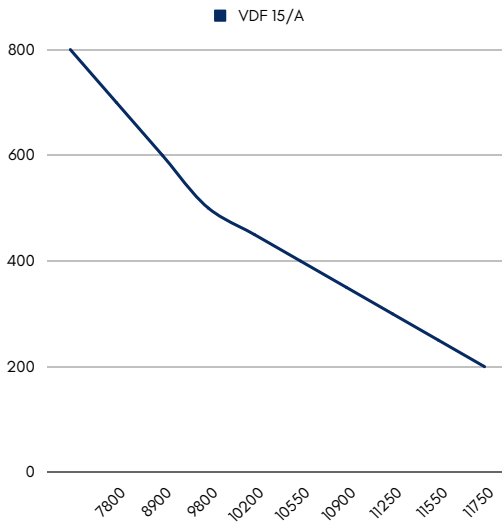
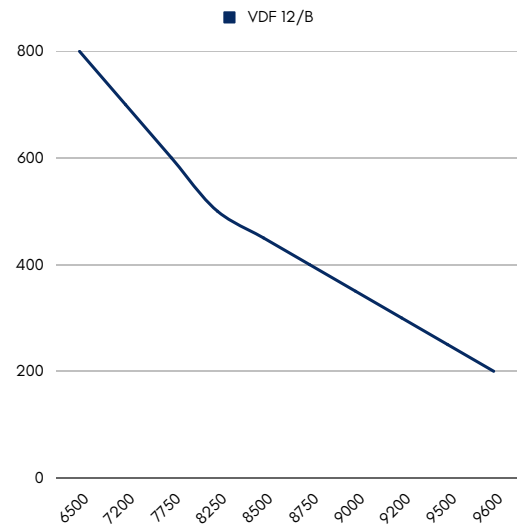
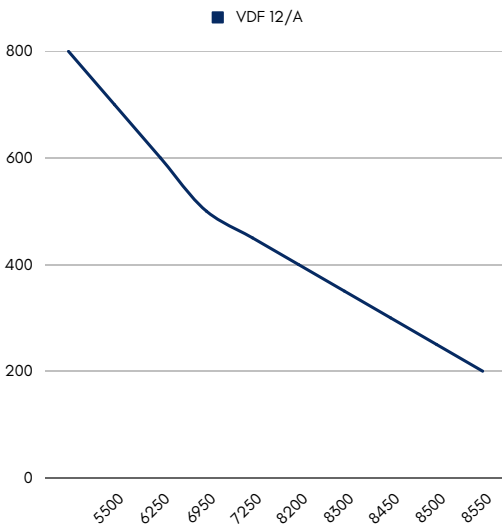
Model	A	B	C	D	a1	a2	e1	e2
VDF 7	600	600	850	104	235	205	520	220
VDF 9	650	650	950	104	295	260	580	245
VDF 10	750	750	1050	104	335	290	670	295
VDF 12	850	850	1100	104	400	335	770	345
VDF 15	900	900	1200	104	485	408	820	370
VDF 18	1000	1000	1260	104	560	480	920	420

Inlet-Outlet Directions



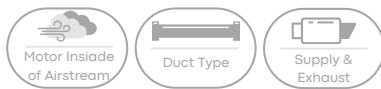
DUCT FANS / Belt Driven Forward Curved Cabinet Duct Fans





VDF-R

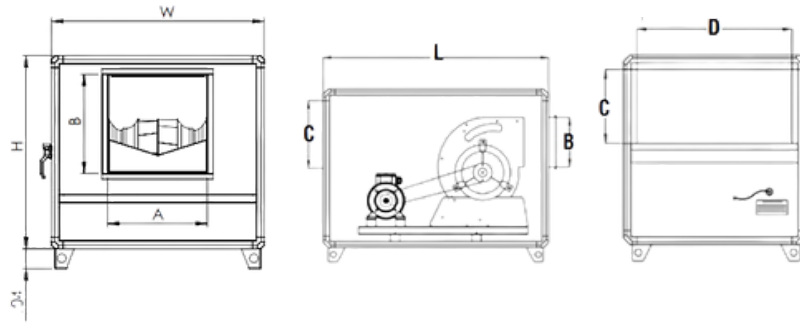
Belt-driven Cabinet Duct Fan



MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

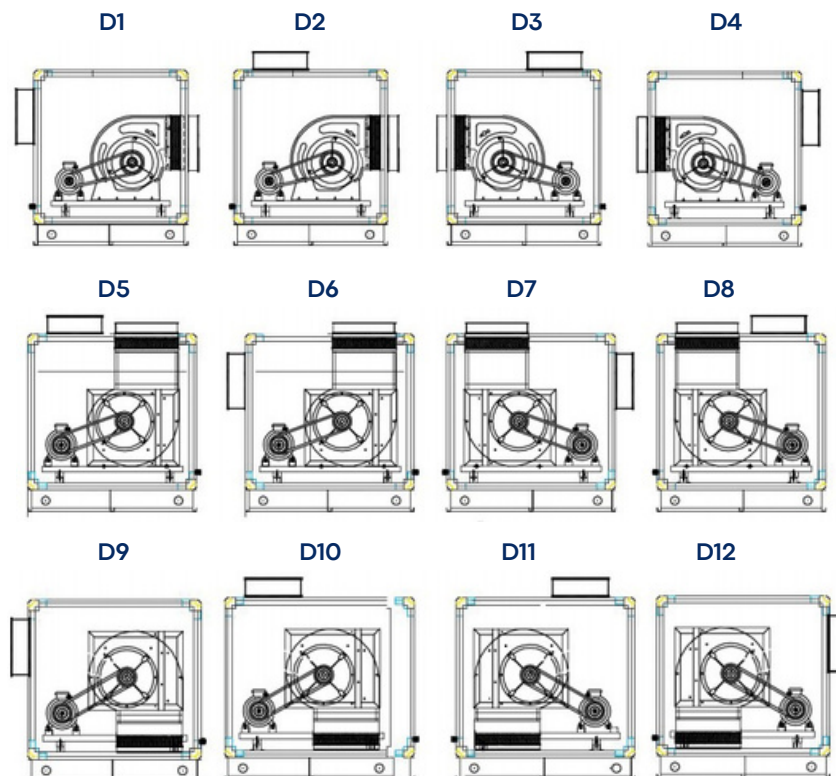
Belt-driven cabinet ventilation fans are a type of mechanical fan system used for cooling and ventilating enclosures or cabinets in various industrial applications. These fans are designed to provide efficient airflow and temperature control within equipment cabinets or enclosures that house sensitive electronics, machinery, or other components.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VDF-R 280A	230 / 380	50	1,1	2800	3000	65	44
VDF-R 280B	230 / 380	50	2,2	2800	5500	68	45
VDF-R 315A	230 / 380	50	2,2	2800	7000	70	63
VDF-R 315B	230 / 380	50	3	2800	8000	71	64
VDF-R 355A	230 / 380	50	3	2800	9500	71	84
VDF-R 355B	230 / 380	50	4	2800	10000	73	87
VDF-R 400A	230 / 380	50	4	1400	13000	73	105
VDF-R 400B	230 / 380	50	5,5	1400	15000	75	109
VDF-R 450A	230 / 380	50	5,5	1400	16000	75	134
VDF-R 450B	230 / 380	50	7,5	1400	18500	77	139
VDF-R 500A	230 / 380	50	7,5	1400	20000	77	168
VDF-R 500B	230 / 380	50	11	1400	22500	75	178
VDF-R 560A	230 / 380	50	11	1400	25000	75	282
VDF-R 560B	230 / 380	50	15	1400	30000	74	290
VDF-R 630A	230 / 380	50	15	1400	32500	74	325
VDF-R 630B	230 / 380	50	18,5	1400	37000	76	345

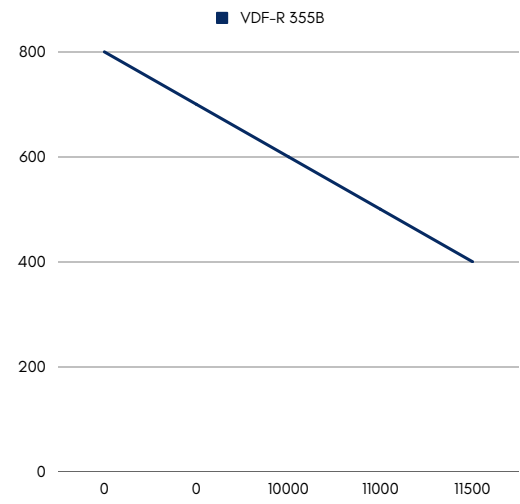
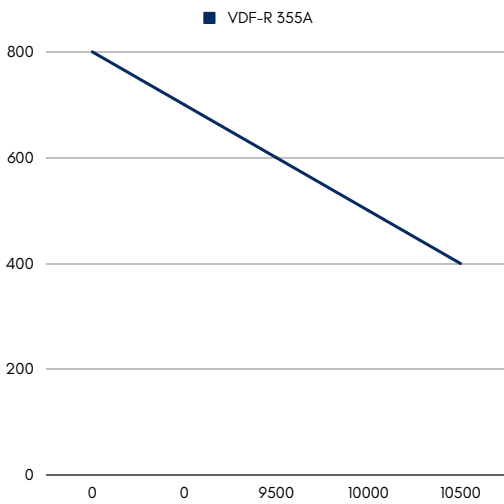
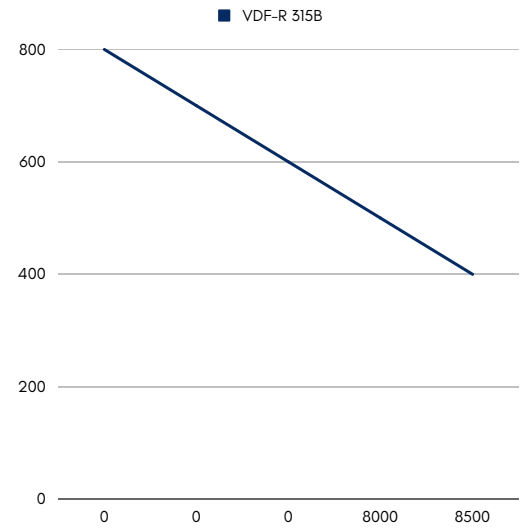
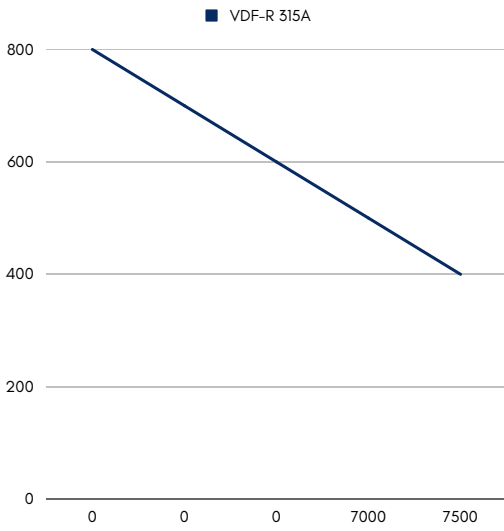
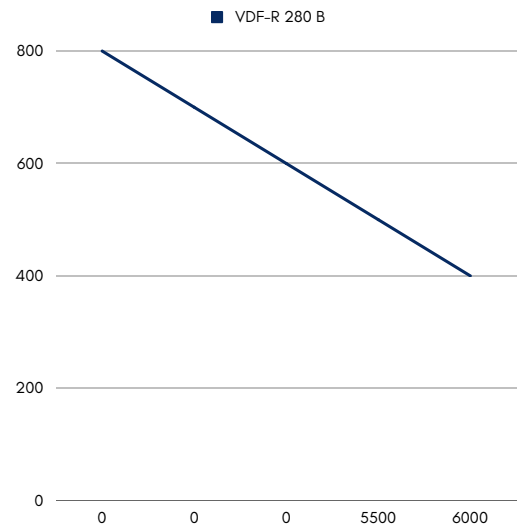
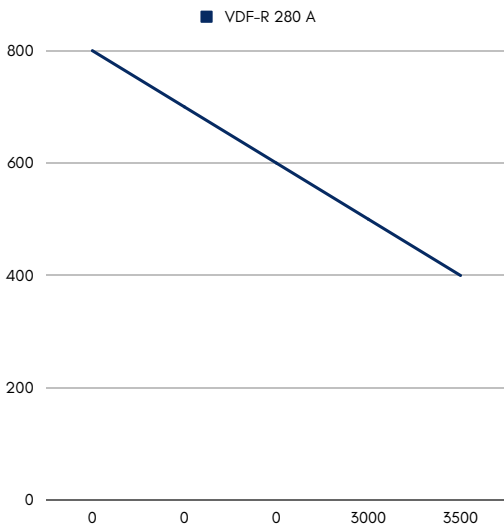


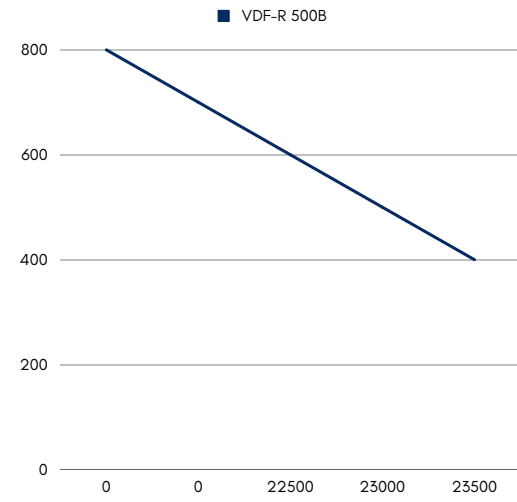
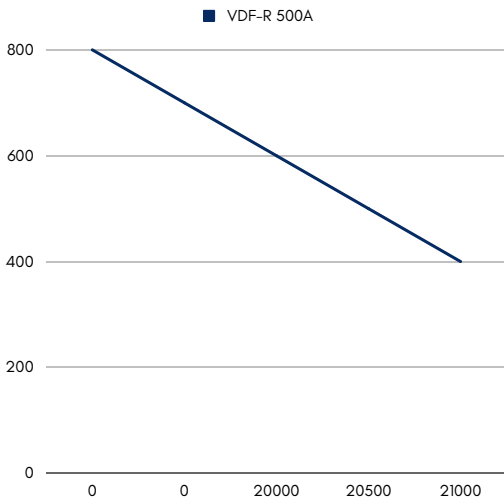
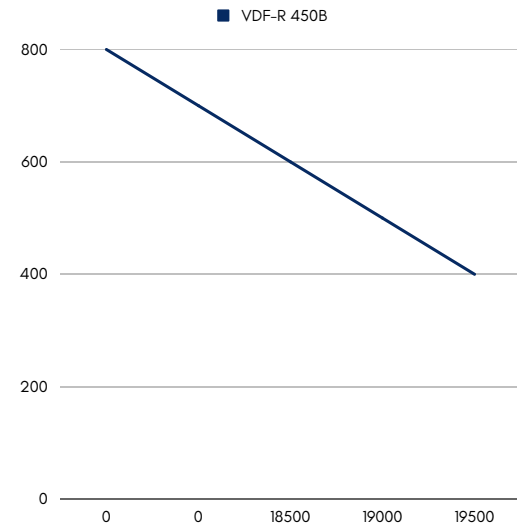
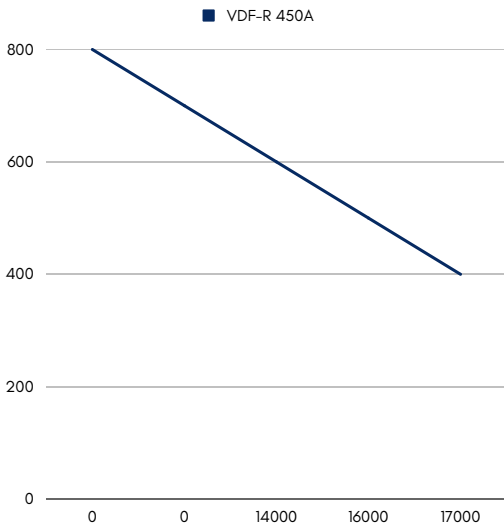
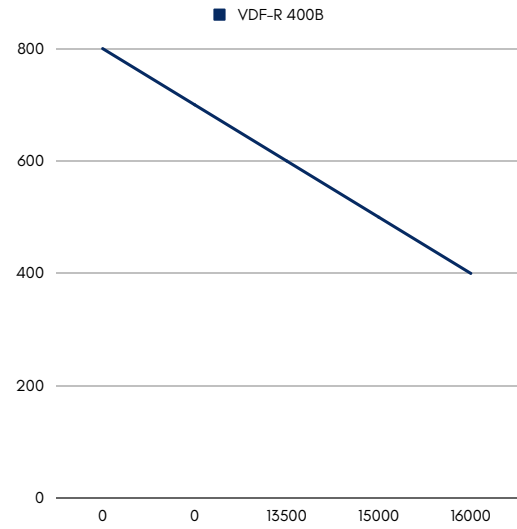
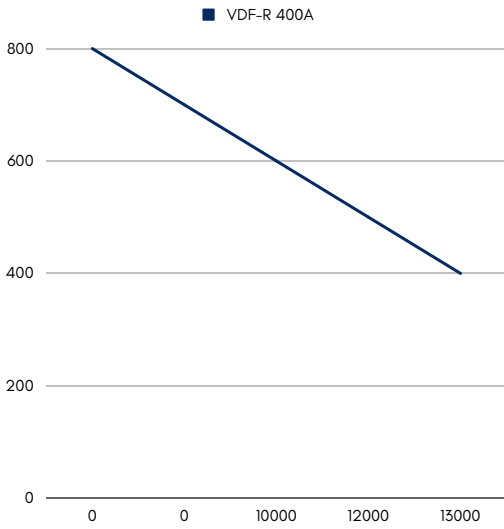
Model	L	W	H	A	B	C	D
VDF-R 280	1050	750	750	361	361	295	670
VDF-R 315	1100	850	850	405	405	345	770
VDF-R 355	1200	900	900	455	455	370	820
VDF-R 400	1300	1100	1100	510	510	470	1020
VDF-R 450	1400	1200	1200	570	570	520	1120
VDF-R 500	1500	1250	1250	640	640	595	1170
VDF-R 560	1500	1350	1350	715	715	670	1270
VDF-R 630	1700	1500	1500	843	843	745	1420

Inlet-Outlet Directions

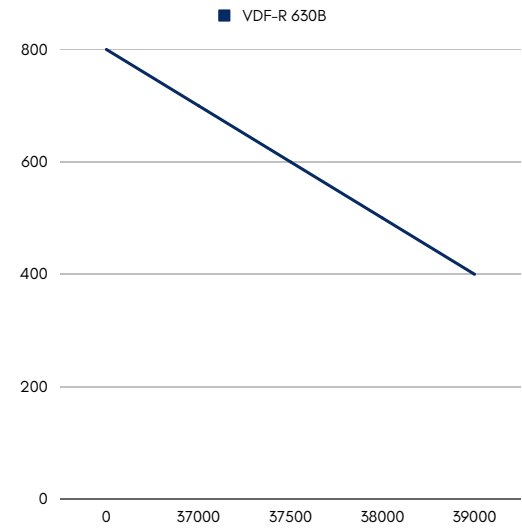
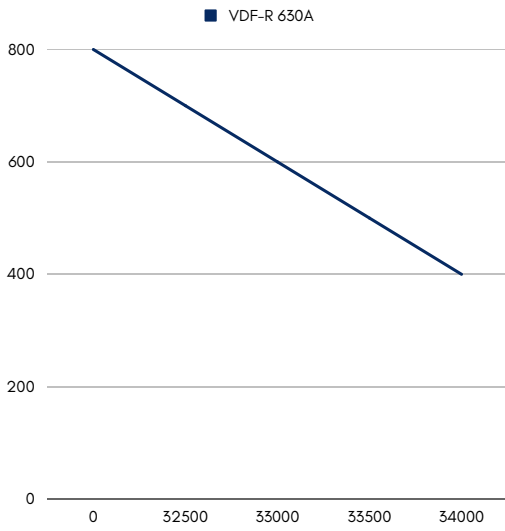
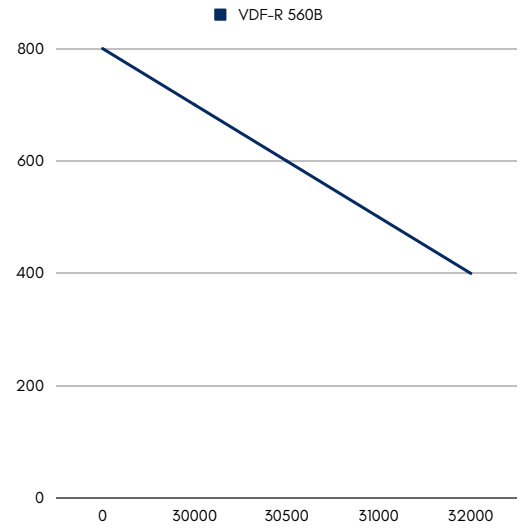
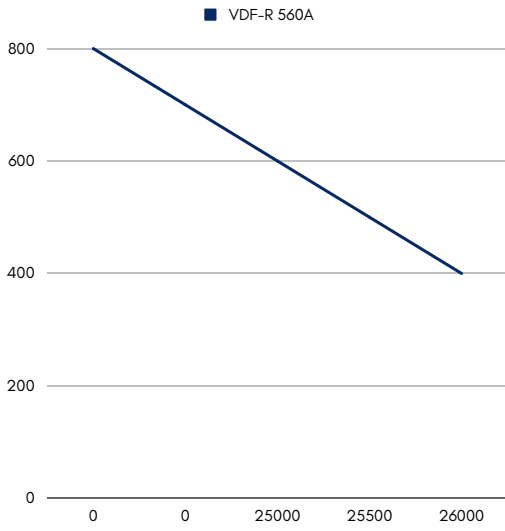


DUCT FANS / Belt Driven Backward Curved Cabinet Duct Fans





DUCT FANS / Belt Driven Backward Curved Cabinet Duct Fans



VAF-W

Wall Mounted Axial Flow Fan

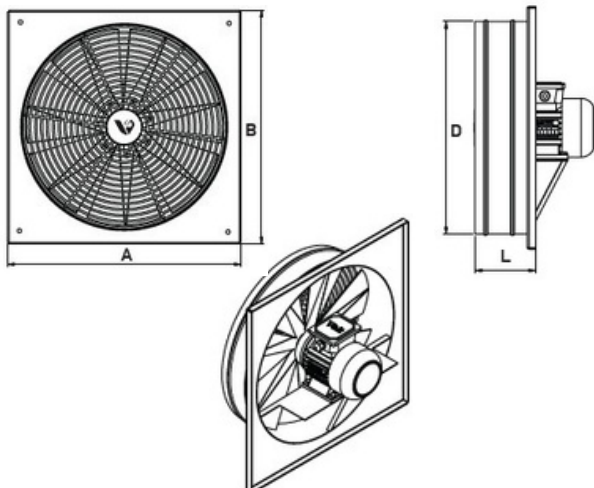


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

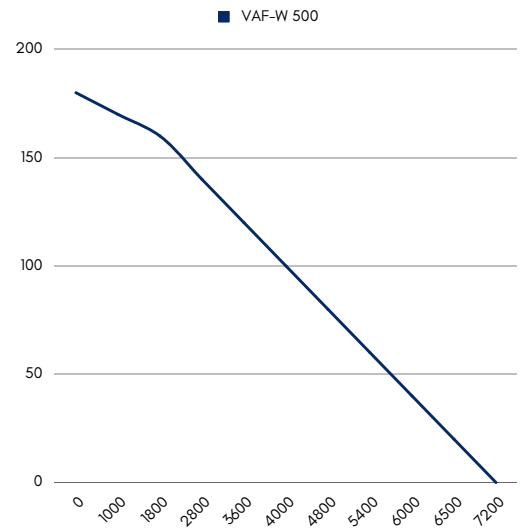
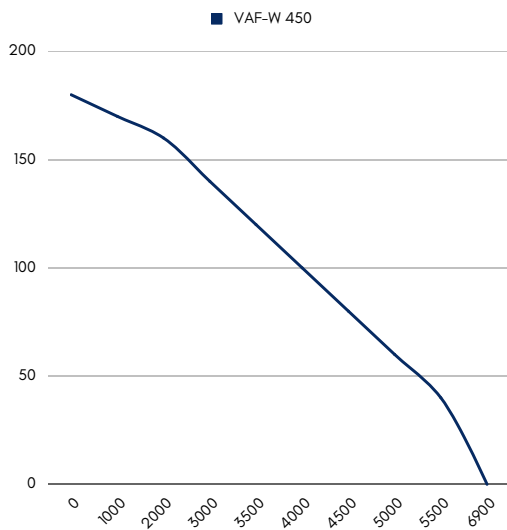
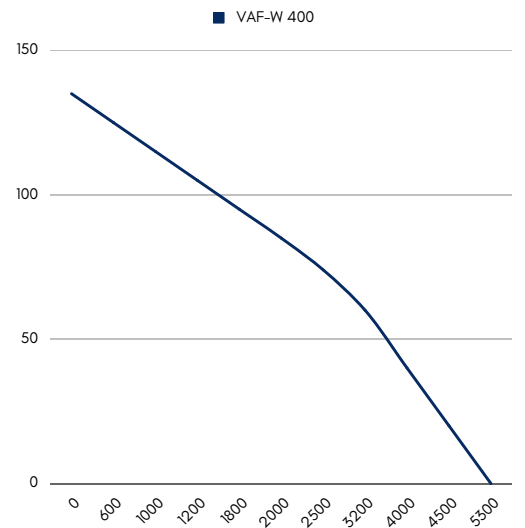
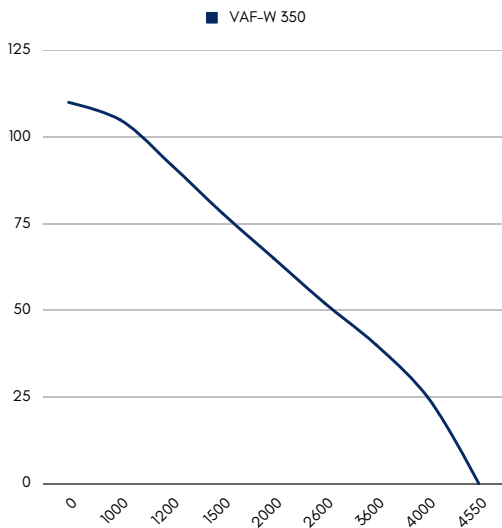
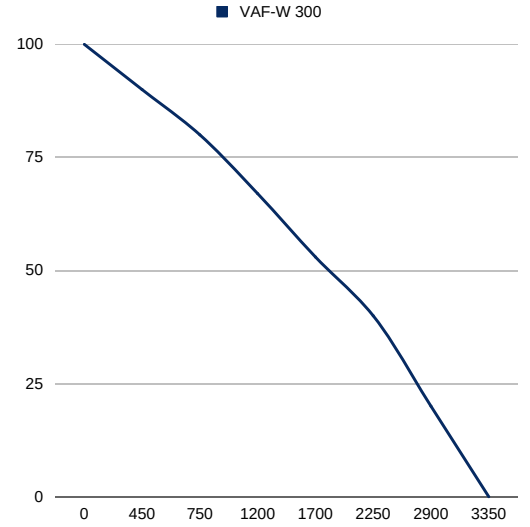
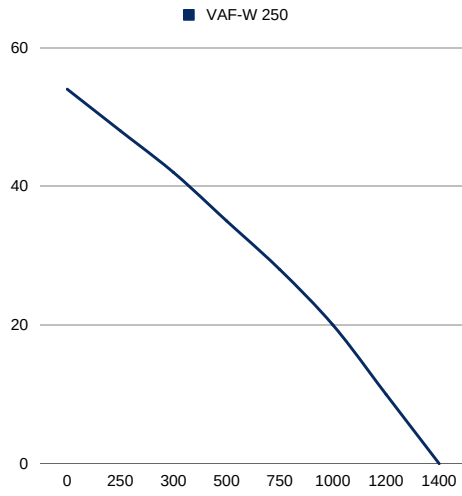
A wall-mounted axial fan is a type of mechanical fan that is designed to move air parallel to its shaft or axis. These fans are commonly used in various applications to provide ventilation, cooling, or air circulation. When choosing a wall-mounted axial fan, it's important to consider factors like the size of the space, the required airflow rate, noise levels, and any specific environmental conditions in which the fan will operate. Proper installation and maintenance are also crucial to ensure the fan's optimal performance and longevity.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)	Weight (kg)
VAF-W 250	220 / 380	50	120	0,4	1400	1400	44	6,1
VAF-W 300	220 / 380	50	180	0,45	1400	3350	47	7,2
VAF-W 350	220 / 380	50	130	1,05	1400	4550	50	8,5
VAF-W 400	220 / 380	50	160	1,17	1400	5300	54	9,1
VAF-W 450	220 / 380	50	200	1,1	1400	6900	58	11,4
VAF-W 500	220 / 380	50	220	1,1	1400	7200	60	11,4
VAF-W 600	220 / 380	50	230	1,15	1400	8500	66	15,8
VAF-W 250-2K	220 / 380	50	560	1	2800	2200	62	6,3

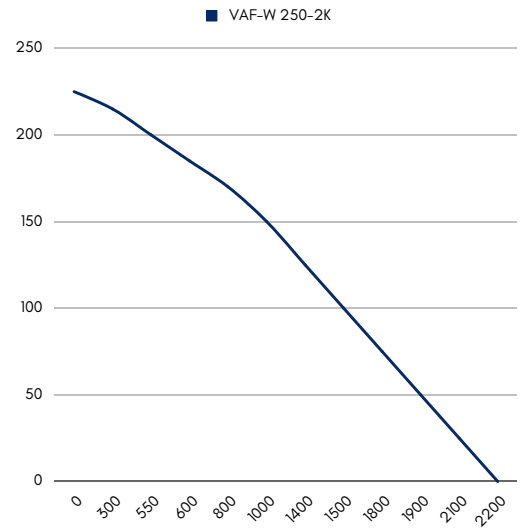
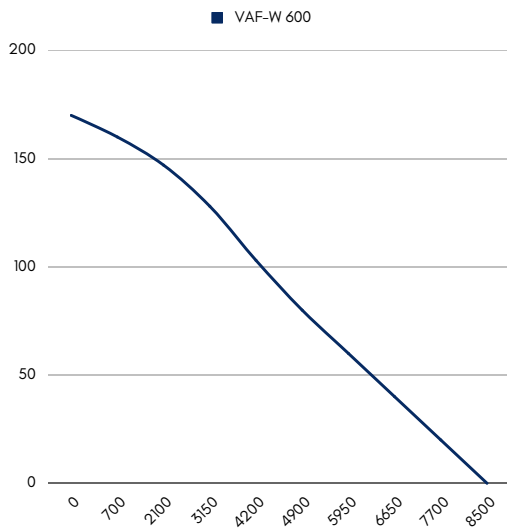
DRAWING



Model	D	D1	L
VAF-W 250	350	261	80
VAF-W 300	400	307	80
VAF-W 350	450	365	90
VAF-W 400	500	403	100
VAF-W 450	550	462	105
VAF-W 500	600	513	110
VAF-W 600	720	612	145
VAF-W 250-2K	350	261	80



AXIAL FANS / Wall Mounted Axial Flow Fan



VAF-C

Wall Mounted Axial Flow Fan

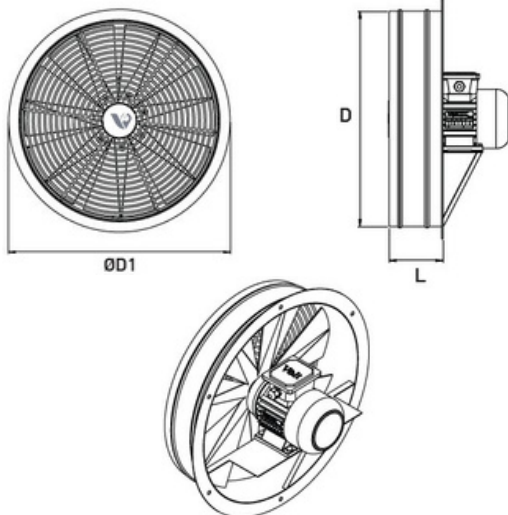


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A wall-mounted axial fan is a type of mechanical fan that is designed to move air parallel to its shaft or axis. These fans are commonly used in various applications to provide ventilation, cooling, or air circulation. When choosing a wall-mounted axial fan, it's important to consider factors like the size of the space, the required airflow rate, noise levels, and any specific environmental conditions in which the fan will operate. Proper installation and maintenance are also crucial to ensure the fan's optimal performance and longevity.

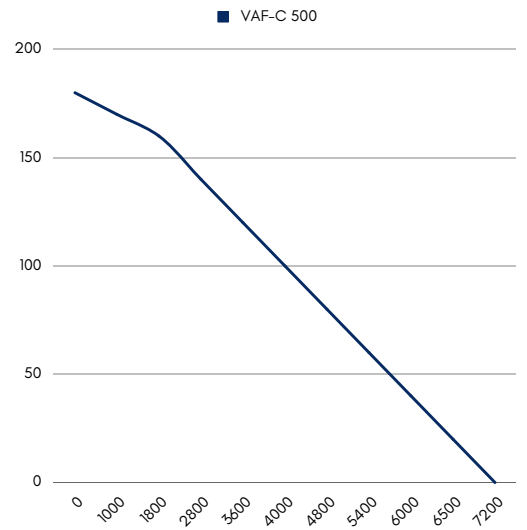
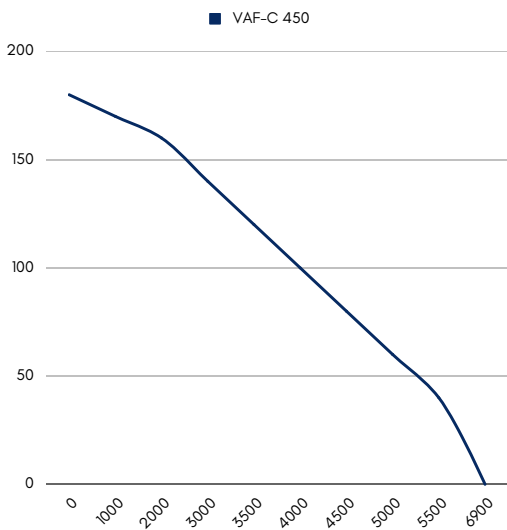
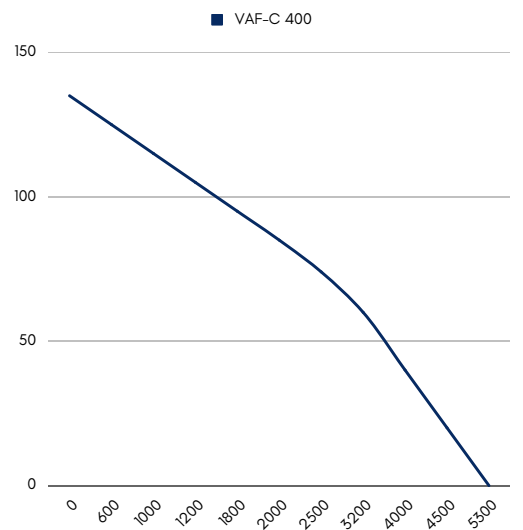
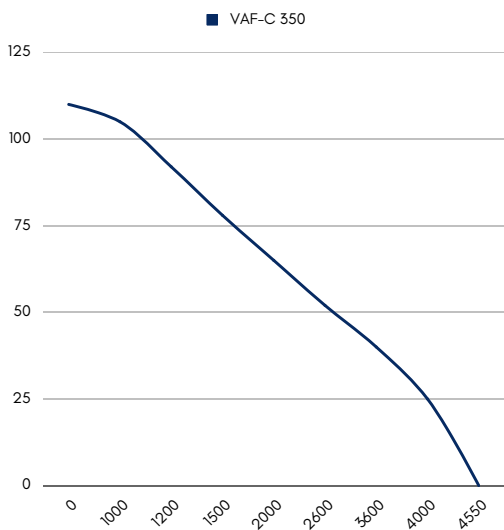
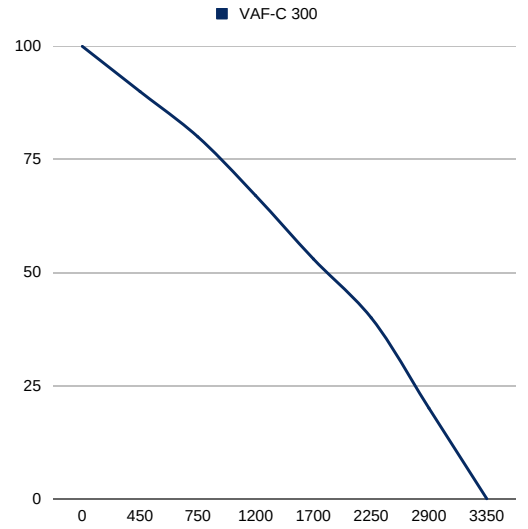
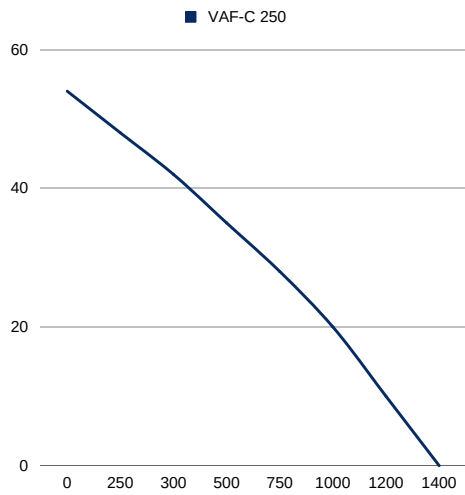
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)	Weight (kg)
VAF-C 250	220 / 380	50	120	0,4	1400	1400	44	6,1
VAF-C 300	220 / 380	50	180	0,45	1400	3350	47	7,2
VAF-C 350	220 / 380	50	130	1,05	1400	4550	50	8,5
VAF-C 400	220 / 380	50	160	1,17	1400	5300	54	9,1
VAF-C 450	220 / 380	50	200	1,1	1400	6900	58	11,4
VAF-C 500	220 / 380	50	220	1,1	1400	7200	60	11,4
VAF-C 600	220 / 380	50	230	1,15	1400	8500	66	15,8
VAF-C 250-2K	220 / 380	50	560	1	2800	2200	62	6,3

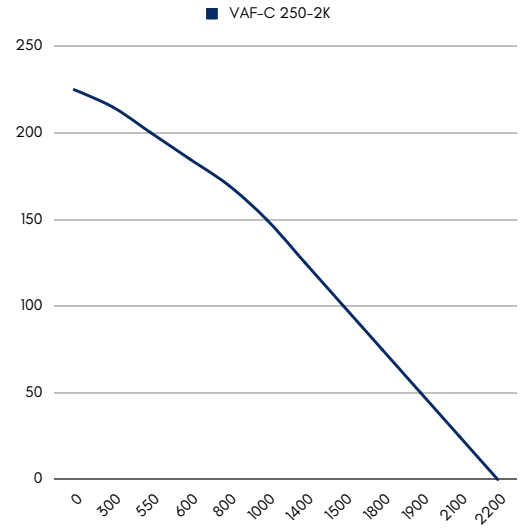
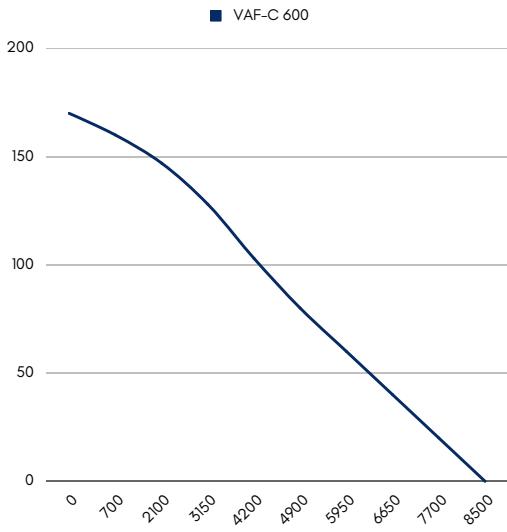
DRAWING



Model	D	D1	L
VAF-C 250	251	304	114
VAF-C 300	325	390	114
VAF-C 350	374	435	114
VAF-C 400	427	485	114
VAF-C 450	470	546	114
VAF-C 500	518	590	125
VAF-C 600	610	590	130
VAF-C 250-2K	251	304	114

AXIAL FANS / Wall Mounted Axial Flow Fan





VAS-X

Wall Mounted Axial Flow Fan

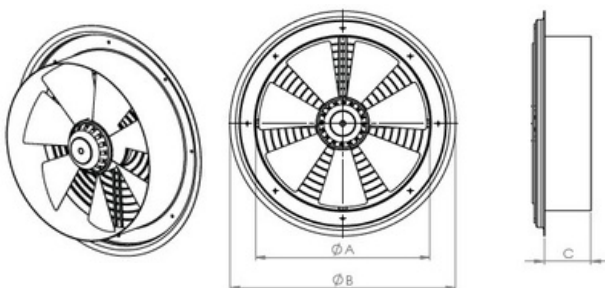


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A wall-mounted axial fan is a type of mechanical fan that is designed to move air parallel to its shaft or axis. These fans are commonly used in various applications to provide ventilation, cooling, or air circulation. When choosing a wall-mounted axial fan, it's important to consider factors like the size of the space, the required airflow rate, noise levels, and any specific environmental conditions in which the fan will operate. Proper installation and maintenance are also crucial to ensure the fan's optimal performance and longevity.

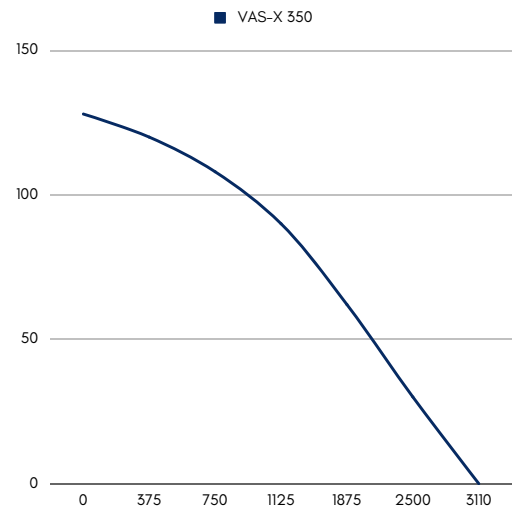
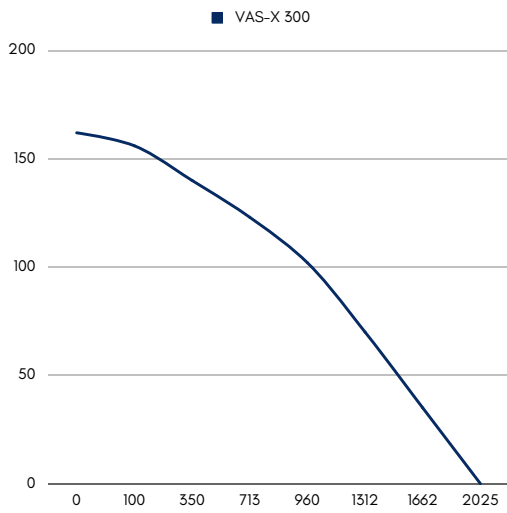
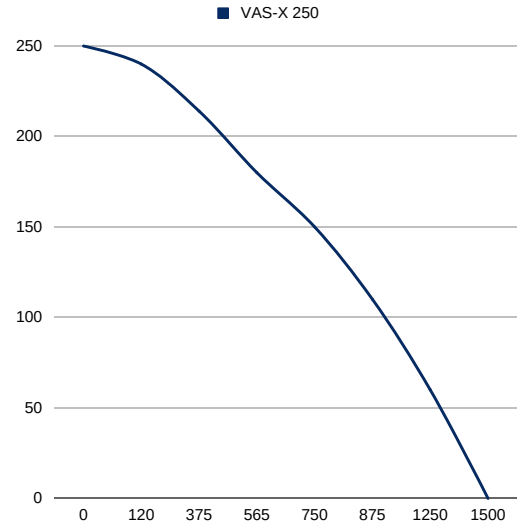
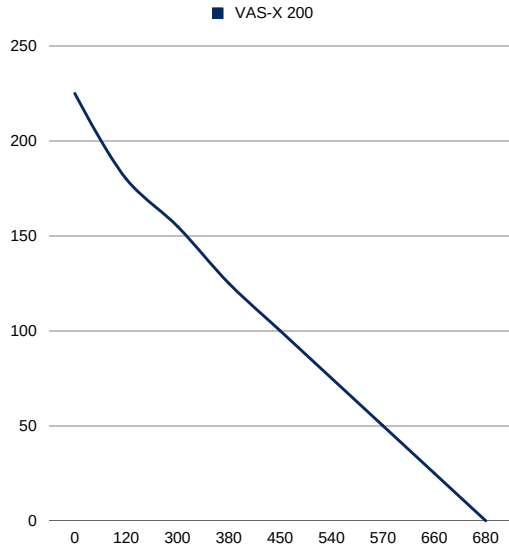
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)	Weight (kg)
VAS-X 200	230	50	70	0,28	2650	680	50	2
VAS-X 250	230	50	100	0,50	2700	1500	52	2,7
VAS-X 300	230	50	163	0,60	2550	2025	54	3,5
VAS-X 350	230	50	240	0,90	2550	3110	58	4,6

DRAWING



Model	D	D1	L
VAS-X 250	200	290	70
VAS-X 300	250	340	70
VAS-X 350	300	390	80
VAS-X 400	350	440	80

PERFORMANCE CURVES



VAS-W

Wall Mounted Axial Flow Fan

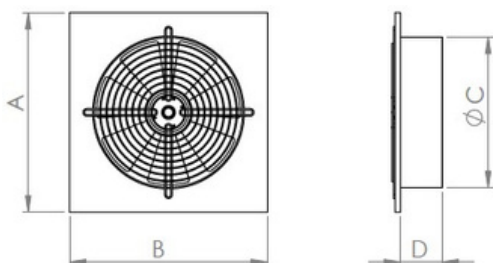


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	GALVANIZED SHEET METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A wall-mounted axial fan is a type of mechanical fan that is designed to move air parallel to its shaft or axis. These fans are commonly used in various applications to provide ventilation, cooling, or air circulation. When choosing a wall-mounted axial fan, it's important to consider factors like the size of the space, the required airflow rate, noise levels, and any specific environmental conditions in which the fan will operate. Proper installation and maintenance are also crucial to ensure the fan's optimal performance and longevity.

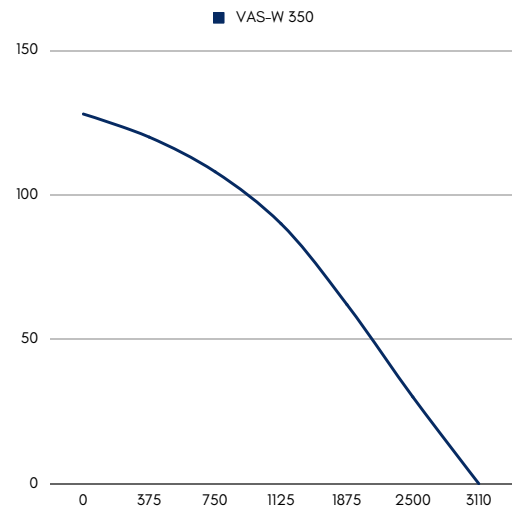
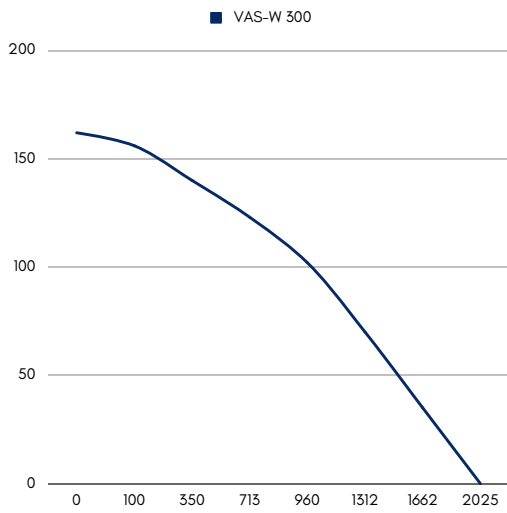
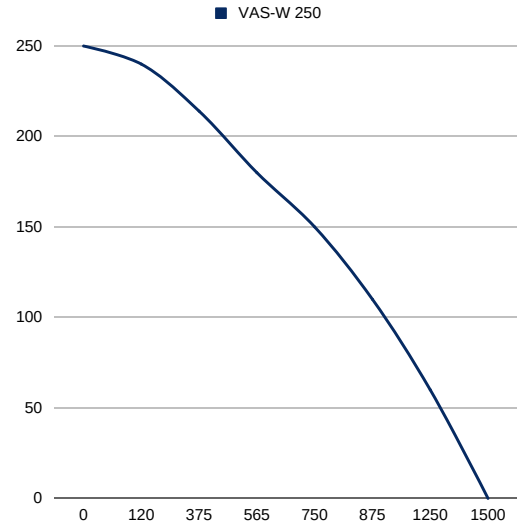
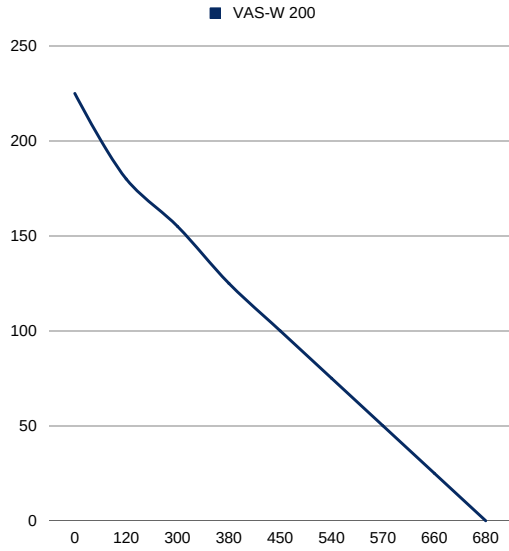
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)	Weight (kg)
VAS-W 200	230	50	70	0,28	2650	680	50	2
VAS-W 250	230	50	100	0,50	2700	1500	52	2,7
VAS-W 300	230	50	163	0,60	2550	2025	54	3,5
VAS-W 350	230	50	240	0,90	2550	3110	58	4,6

DRAWING



Model	D	D1	L
VAS-W 250	200	290	70
VAS-W 300	250	340	70
VAS-W 350	300	390	80
VAS-W 400	350	440	80

PERFORMANCE CURVES





VAF-SF

Axial Cooling Fan

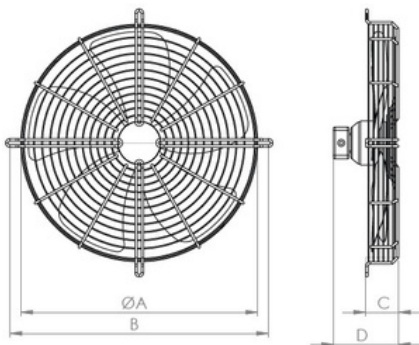


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	STEEL GRILLE
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM/GALVANIZED METAL
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

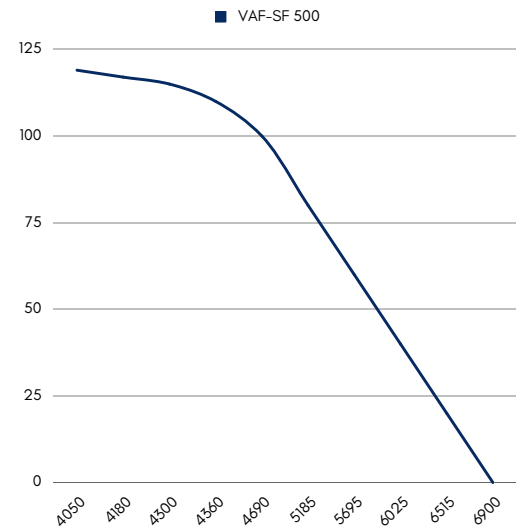
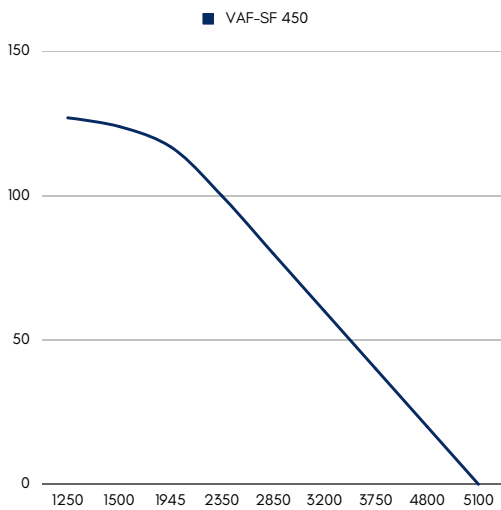
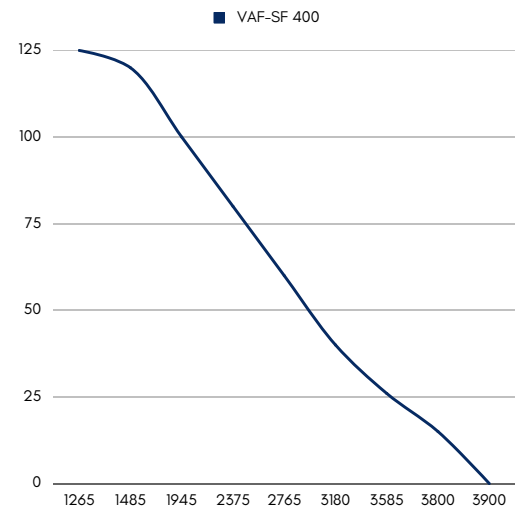
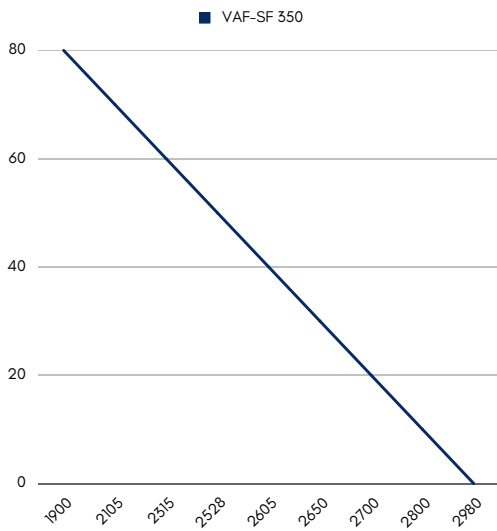
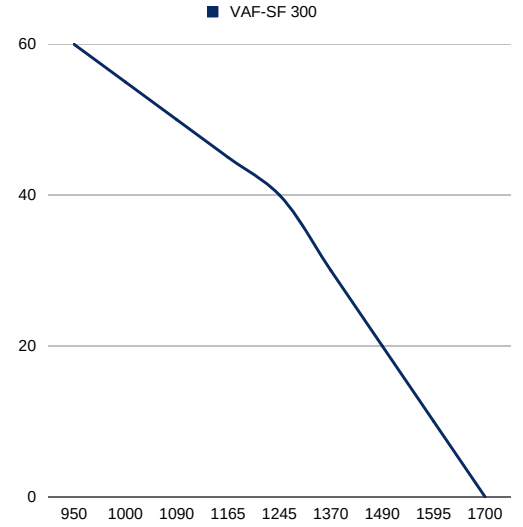
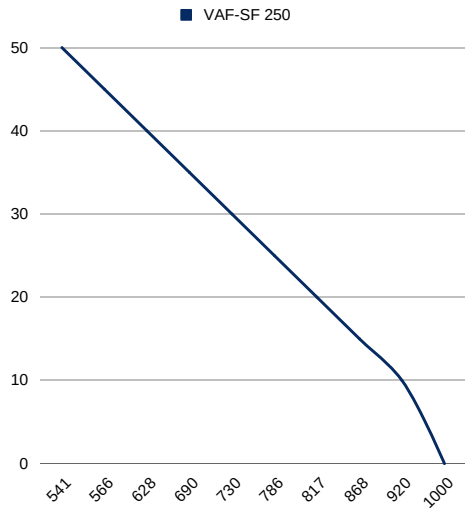
An axial cooling fan, also known simply as an axial fan or axial flow fan, is a type of mechanical fan used to move air or gases in a direction parallel to the fan's axis. These fans are commonly found in various applications where the primary goal is to provide cooling or ventilation. They are different from centrifugal fans, which move air radially outward from the center of the fan. In summary, axial cooling fans are essential components in many industries and applications, providing effective air movement and cooling solutions.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)	Weight (kg)
VAF-SF 250	220	50	50	1380	1000	44	2,5
VAF-SF 300	220	50	90	1370	1700	50	4
VAF-SF 350	220	50	138	1370	2980	58	4,7
VAF-SF 400	220	50	180	1350	3900	58	6,1
VAF-SF 450	220	50	250	1380	5100	63	6,9
VAF-SF 500	220/ 380	50	470	1370	6900	65	9,5
VAF-SF 630	220 / 380	50	900	1320	12300	69	18

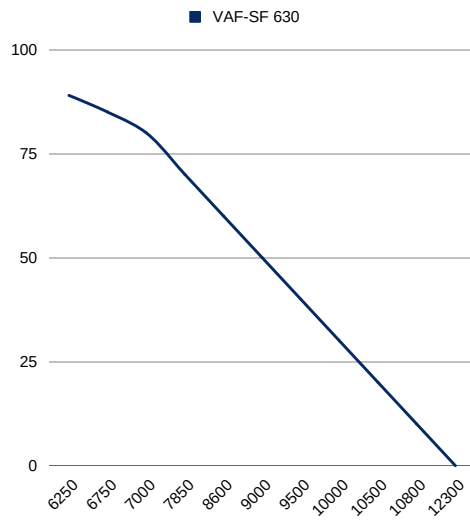
DRAWING



Model	A	B	C	D
VAF-SF 250	250	330	80	130
VAF-SF 300	300	380	80	130
VAF-SF 350	350	430	80	130
VAF-SF 400	400	480	100	150
VAF-SF 450	450	530	100	150
VAF-SF 500	500	580	110	160
VAF-SF 630	630	630	145	195



AXIAL FANS / Axial Cooling Fans



VLF-T

Long Cased Axial Flow Fan



MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A long-cased axial fan, also known as a tube axial fan or a ducted axial fan, is a type of industrial fan designed to move air or other gases in a straight-line path through a duct or enclosed space. It is called "long-cased" because it typically has a cylindrical or elongated casing or housing that encloses the fan blades and motor assembly.

In summary, a long-cased axial fan is a specialized industrial fan designed for applications that require straight-line airflow through ducts or enclosed spaces. They are commonly used in HVAC systems and various industrial processes where efficient and controlled airflow is crucial. These fans are known for their effectiveness in moving large volumes of air while maintaining energy efficiency.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-T 400/5-25	380	50/60	0,37	1450	2895	66
VLF-T 450/5-25	380	50/60	0,55	1456	4180	69
VLF-T 500/5-25	380	50/60	0,55	1453	5845	72
VLF-T 560/5-25	380	50/60	0,75	1466	8150	75
VLF-T 630/5-30	380	50/60	1,10	1465	13480	80
VLF-T 710/5-30	380	50/60	1,40	1472	19210	83
VLF-T 800/5-30	380	50/60	2,20	1459	25560	85
VLF-T 800/5-35	380	50/60	3,00	1463	30940	89
VLF-T 900/5-35	380	50/60	4,00	1471	39250	90
VLF-T 900/5-40	380	50/60	5,50	1472	44635	93
VLF-T 900/8-40	380	50/60	11,00	1454	46200	94
VLF-T 1000/5-40	380	50/60	7,50	1478	54570	94
VLF-T 1000/8-40	380	50/60	15,00	1456	62250	97
VLF-T 1000/8-45	380	50/60	18,50	1458	69070	99
VLF-T 1120/8-40	380	50/60	22,00	1471	86620	100
VLF-T 1120/8-45	380	50/60	30,00	1474	95270	102

OPTIONS



Electro-static Powder Coating With Any RAL Color



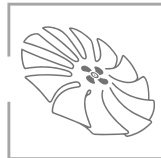
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation



5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

ACCESSORIES



Mounting Feet



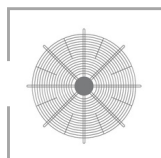
Vibration Isolator



Counter Flange



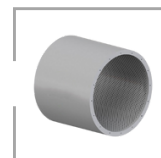
Connector



Protection Guard



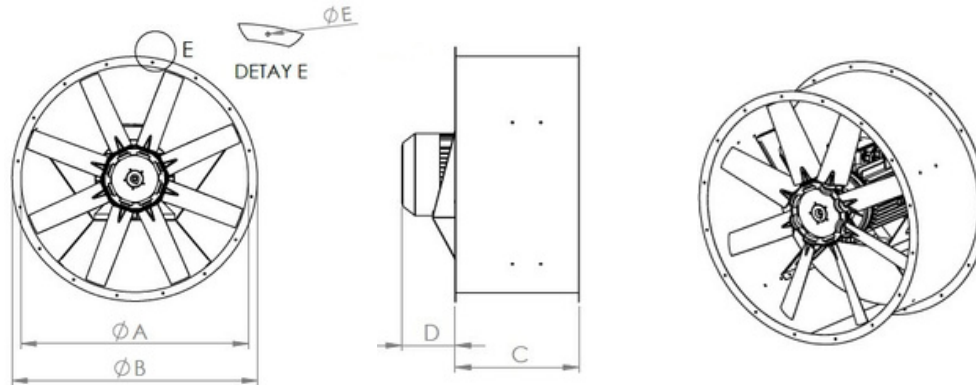
Back Draft Damper



Silencer

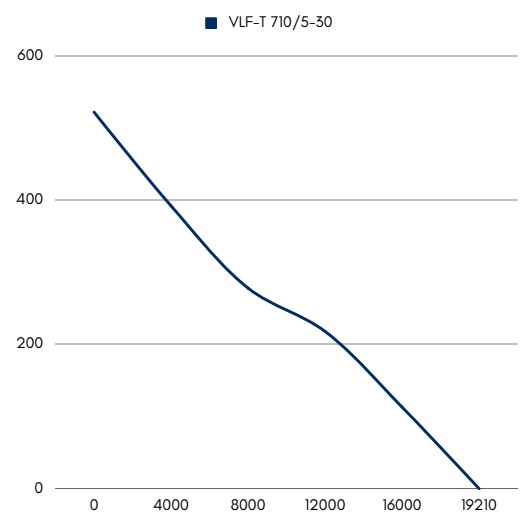
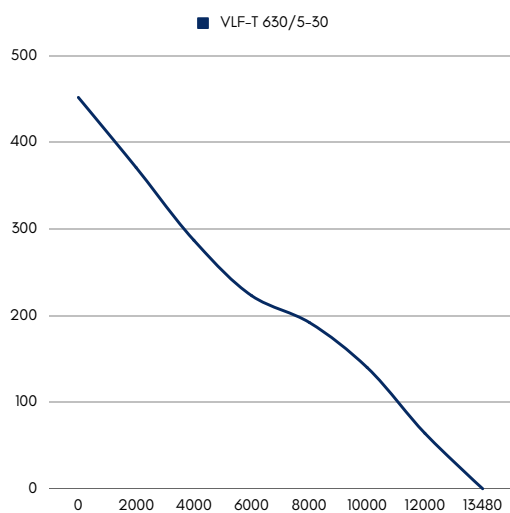
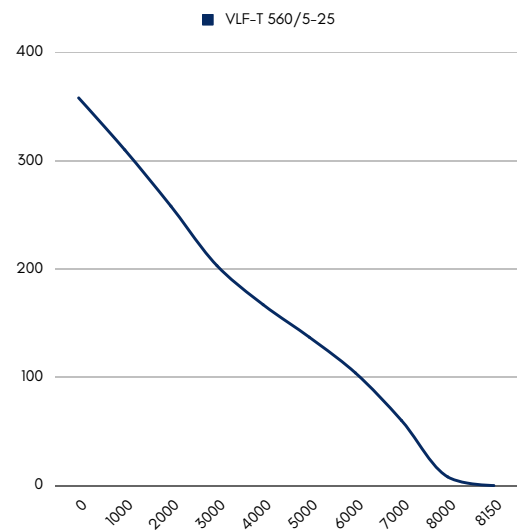
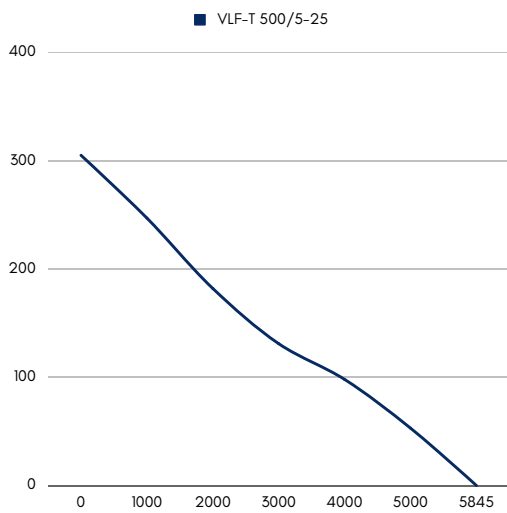
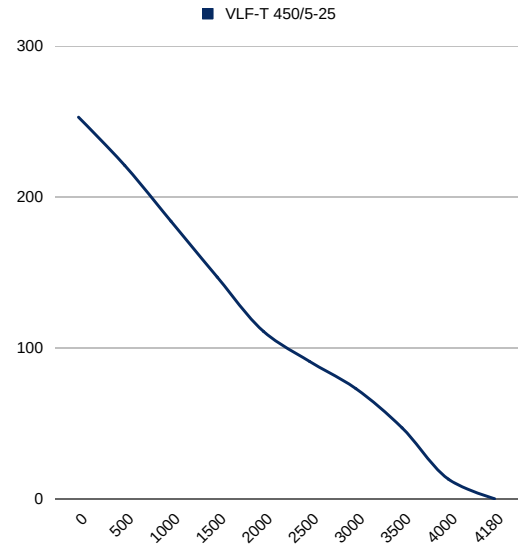
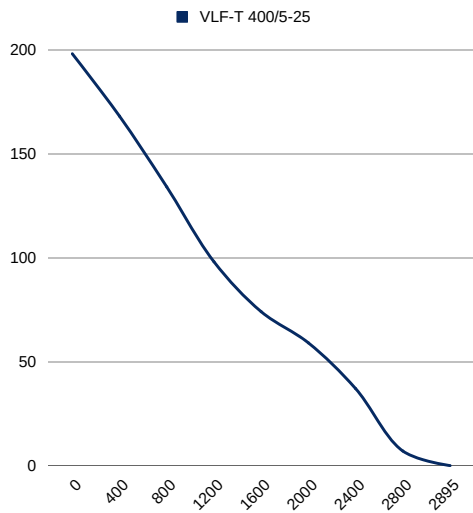


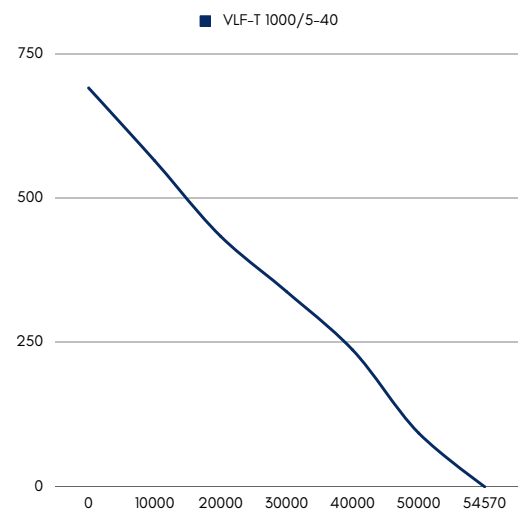
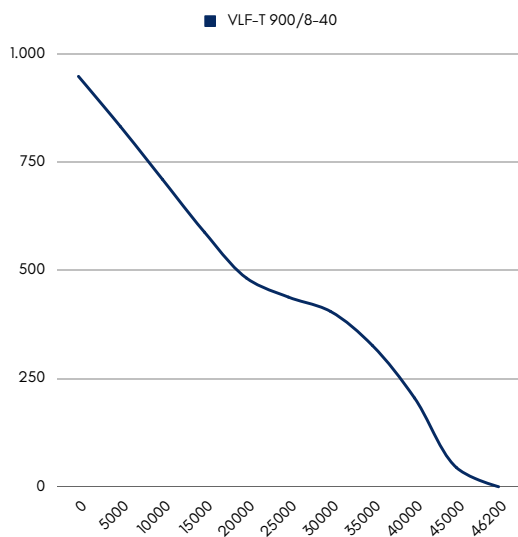
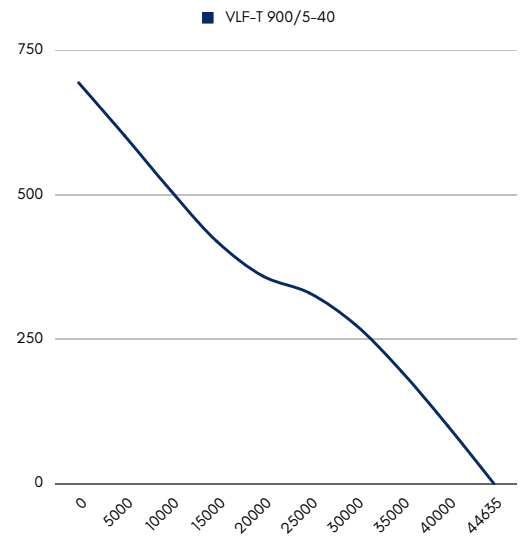
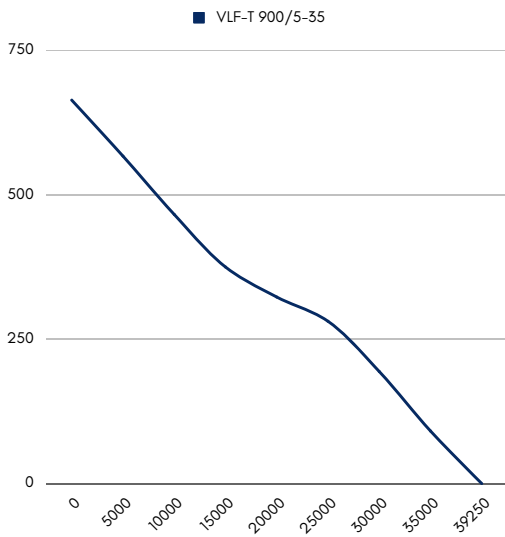
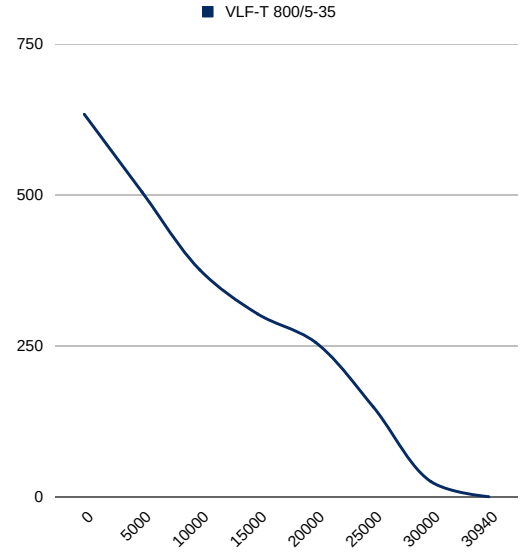
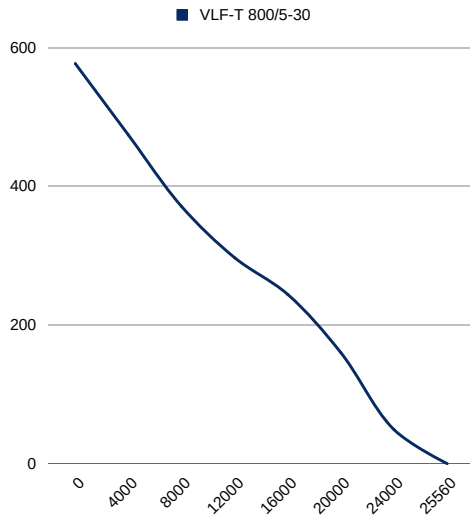
Frequency Inverter

DRAWINGS


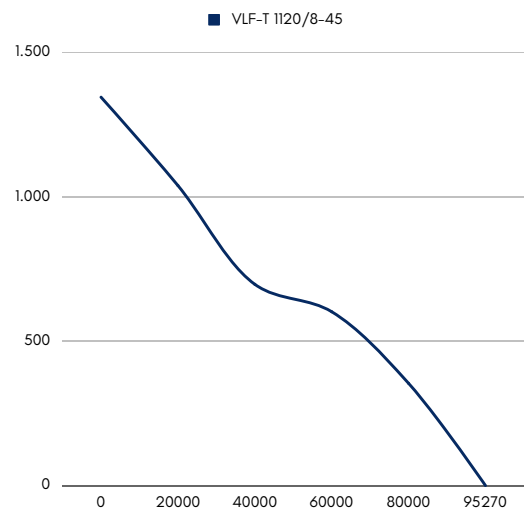
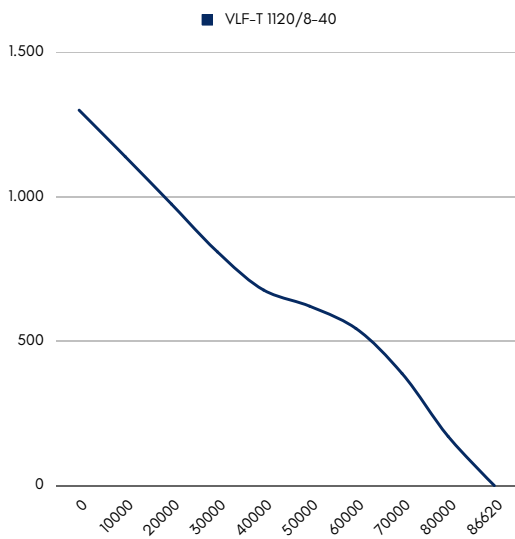
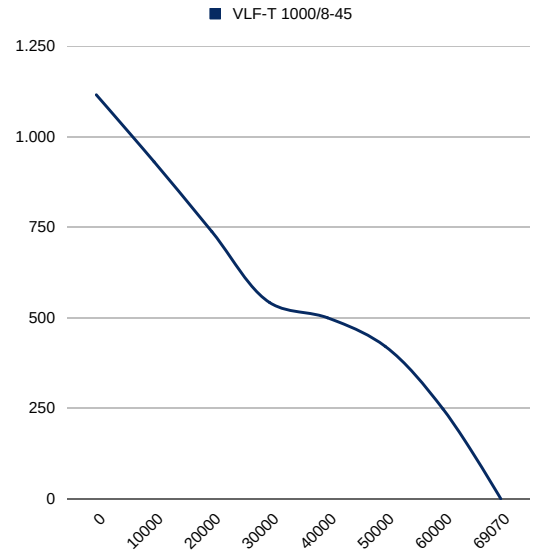
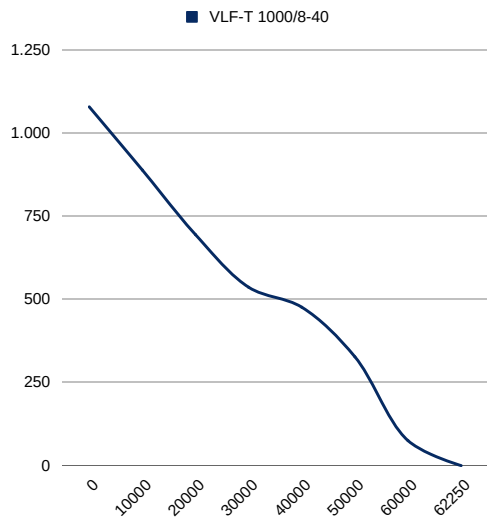
Model	A	B	C	D	E	(N) Screw Hole
VLF-T 400/5-25	400	480	320	30	11	8
VLF-T 450/5-25	450	530	320	50	11	8
VLF-T 500/5-25	500	580	320	70	11	8
VLF-T 560/5-25	560	640	320	60	11	12
VLF-T 630/5-30	630	710	420	45	11	12
VLF-T 710/5-30	710	790	420	25	11	12
VLF-T 800/5-30	800	880	420	50	11	16
VLF-T 800/5-35	800	880	420	50	11	16
VLF-T 900/5-35	900	980	520	0	11	16
VLF-T 900/5-40	900	980	520	35	11	16
VLF-T 900/8-40	900	980	520	150	11	16
VLF-T 1000/5-40	1000	1080	520	75	11	16
VLF-T 1000/8-40	1000	1080	520	180	11	16
VLF-T 1000/8-45	1000	1080	520	250	11	16
VLF-T 1120/8-40	1120	1200	520	250	11	16
VLF-T 1120/8-45	1120	1200	520	300	11	16

AXIAL FANS / Long Cased Axial Flow Fans





AXIAL FANS / Long Cased Axial Flow Fans



VLF-BIF

Bifurcated Axial Fan



MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A bifurcated axial fan is a specialized type of axial fan with a unique design that has two separate airflow paths or outlets. This design allows the fan to direct air in two different directions simultaneously or sequentially. Bifurcated axial fans are used in various industrial and commercial applications where precise airflow control or distribution is required.

Overall, bifurcated axial fans are valued for their versatility and ability to provide tailored airflow solutions in various settings. When selecting a bifurcated axial fan, it's important to consider factors such as the required airflow capacity, motor power, control options, and the specific orientation of the dual outlets to meet the demands of the application.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-BIF 560/5-25	380	50	0,75	1466	8150	75
VLF-BIF 630/5-30	380	50	1,10	1465	13480	80
VLF-BIF 710/5-30	380	50	1,5	1472	19210	83
VLF-BIF 800/5-30	380	50	2,20	1459	25560	85
VLF-BIF 800/5-35	380	50	3	1463	26940	89
VLF-BIF 900/5-35	380	50	4	1471	34150	90
VLF-BIF 1000/5-40	380	50	7,5	1478	49570	94
VLF-BIF 1000/8-40	380	50	15	1456	58850	97
VLF-BIF 1000/8-45	380	50	18,50	1458	66070	99
VLF-BIF 1120/8-40	380	50	22,00	1471	84620	100
VLF-BIF 1120/8-45	380	50	30,00	1474	92270	102

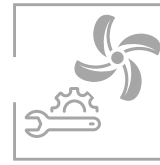
OPTIONS



Electro-static Powder Coating With Any RAL Color



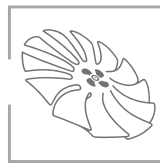
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation

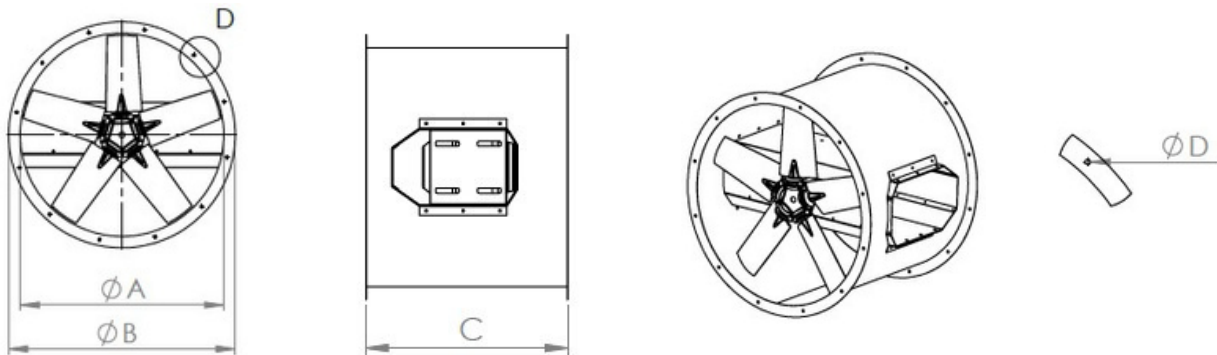


5, 8, 12 and 16 Blades Options

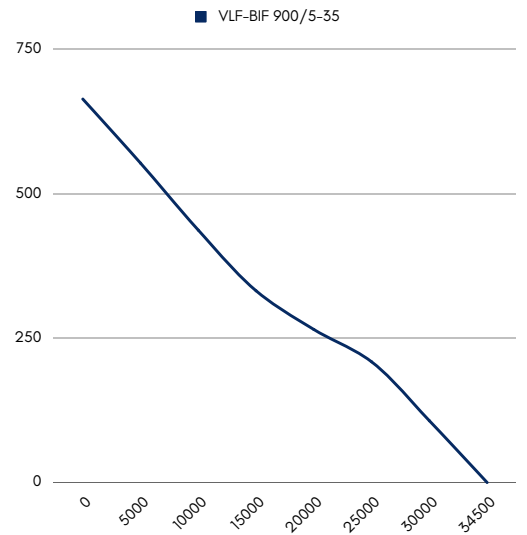
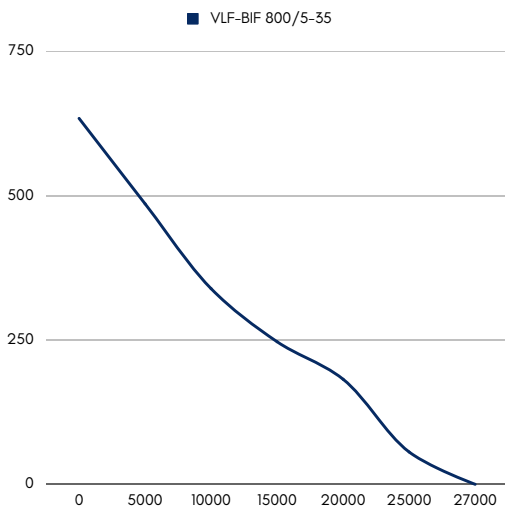
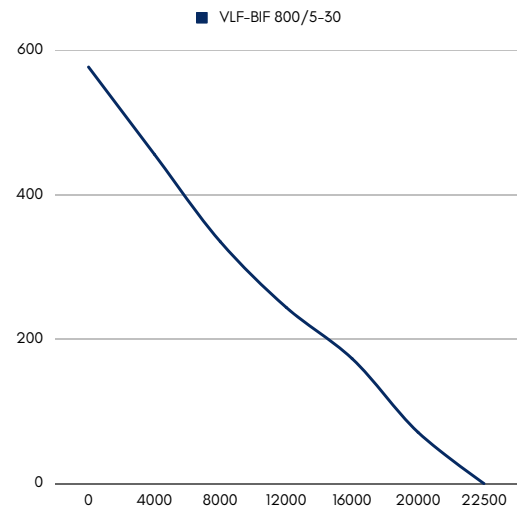
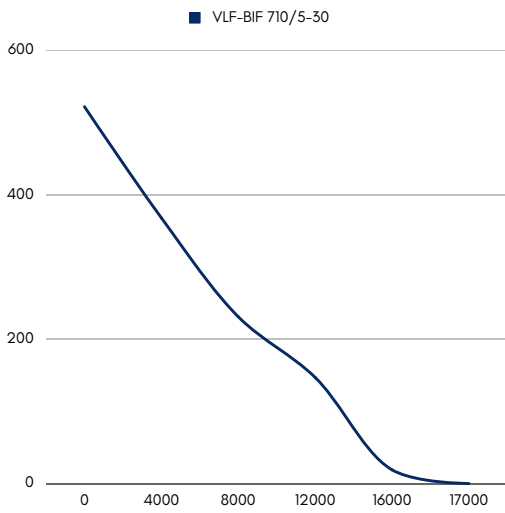
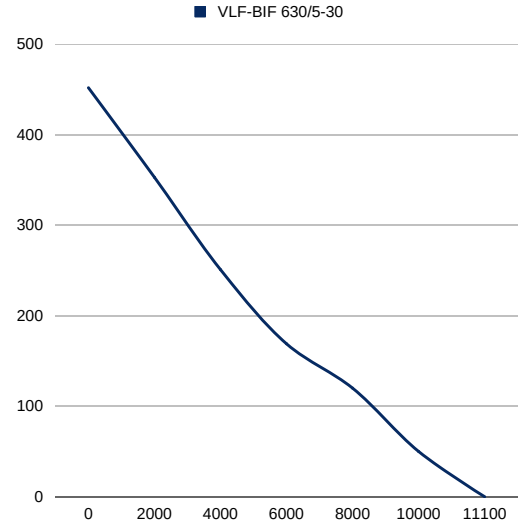
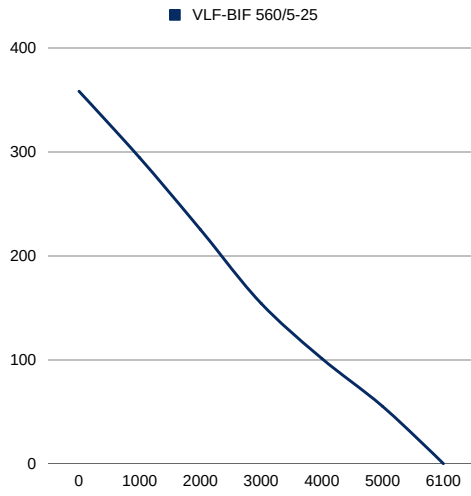


Single and Double Speed Motor Option

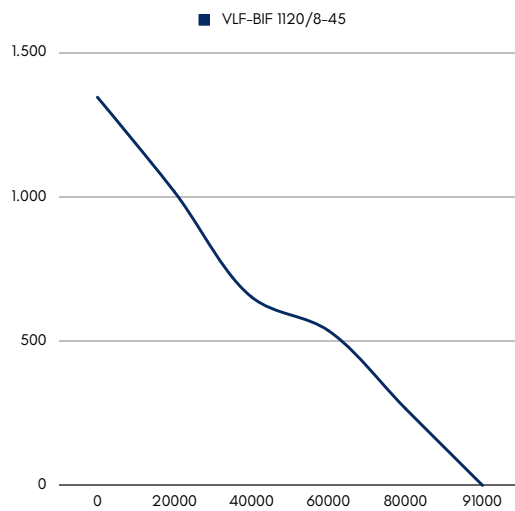
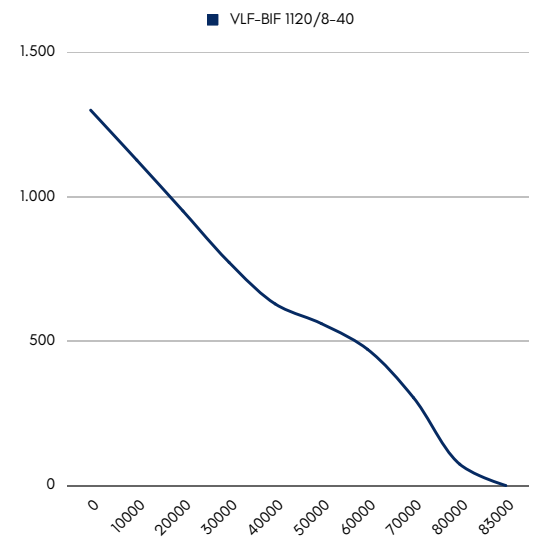
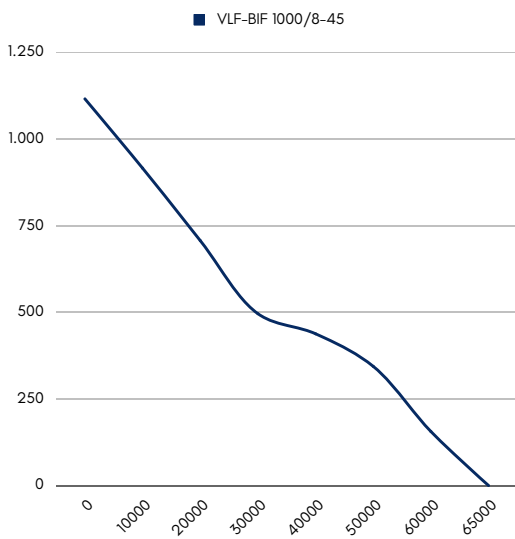
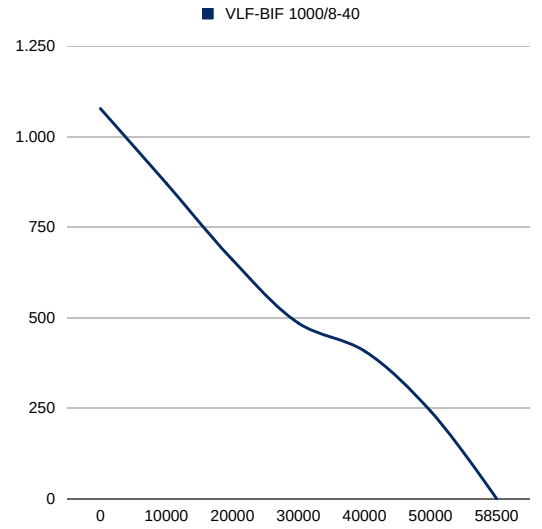
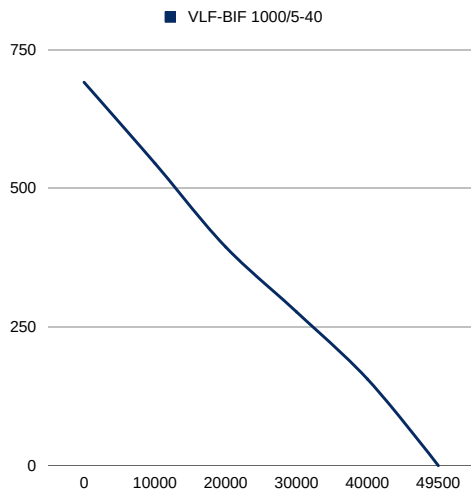
DRAWINGS



Model	A	B	C	Ø D	E
VLF-BIF 560/5-25	560	640	500	11	12
VLF-BIF 630/5-30	630	710	600	11	12
VLF-BIF 710/5-30	710	790	600	11	12
VLF-BIF 800/5-30	800	880	650	11	16
VLF-BIF 900/5-35	900	980	700	11	16
VLF-BIF 1000/5-40	1000	1080	740	11	16
VLF-BIF 1120/8-45	1120	1200	800	11	16



AXIAL FANS / Bifurcated Axial Fans



VPAF

Portable Axial Fan



MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	ELECTRO-STATIC POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A portable axial fan is a type of fan designed to move air in a direction parallel to the axis of the fan blades. These fans are commonly used for cooling and ventilation purposes in various applications, both industrial and domestic.

When choosing a portable axial fan, consider factors like the fan's size, power source, airflow capacity (measured in CFM - cubic feet per minute), noise level, and durability. The specific application will determine the most suitable fan for your needs.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)	Weight (kg)
VPAF 560/5-25	380	50	0,75	1466	8150	75	22
VPAF 630/5-30	380	50	1,10	1465	13480	80	31
VPAF 710/5-30	380	50	1,5	1472	19210	83	48
VPAF 800/5-30	380	50	2,20	1459	25560	85	75

OPTIONS



Electro-static Powder Coating With Any RAL Color



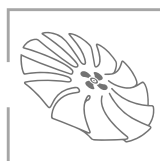
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation

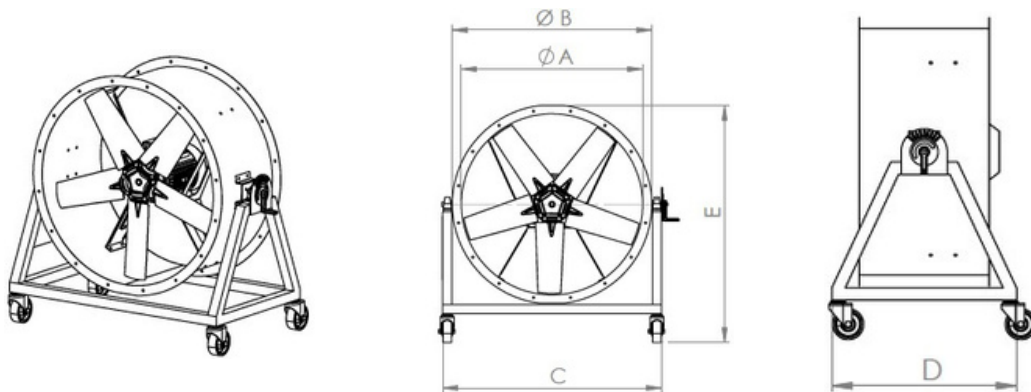


5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

DRAWINGS



Model	A	B	C	D	E
VPAF 560/5-25	560	640	760	500	860
VPAF 630/5-30	630	710	830	600	930
VPAF 710/5-30	710	790	910	600	1010
VPAF 800/5-30	800	880	1000	600	1100

Portable Axial Fans

VPAF / VOLTVENT VENTILATION SYSTEMS



VAB

Wall Mounted Greenhouse Fan



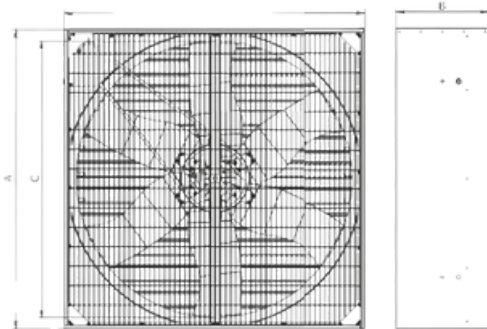
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2-IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	VOLT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A wall-mounted greenhouse fan is a fan designed specifically for use in a greenhouse to help regulate temperature, humidity, and air circulation. These fans are mounted on the walls of the greenhouse to save space and ensure optimal airflow within the growing environment.

When selecting a wall-mounted greenhouse fan, it's crucial to assess your specific greenhouse requirements, such as size, climate conditions, and the type of plants you're growing. Proper ventilation and air circulation are essential for maintaining a healthy and thriving greenhouse environment.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VAB 60	380	50	0,25	1400	7000	50
VAB 80	380	50	0,37	1400	9500	55
VAB 100	380	50	0,37	1400	22500	63
VAB 140	380	50	1,10	1400	44500	65

DRAWING



Model	A	B	C
VAB 60	600	400	600
VAB 80	800	400	800
VAB 100	1000	400	1000
VAB 140	1400	400	1400



VHF

Centrifugal Horizontal Roof Mounted Fan



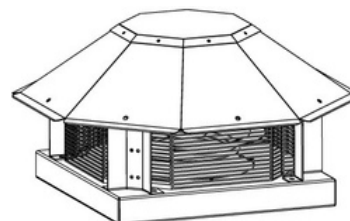
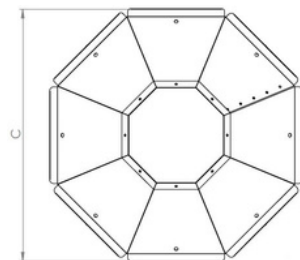
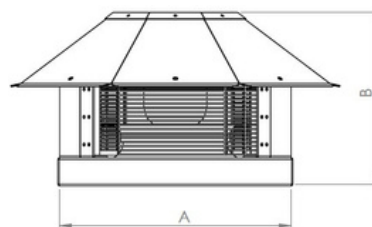
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

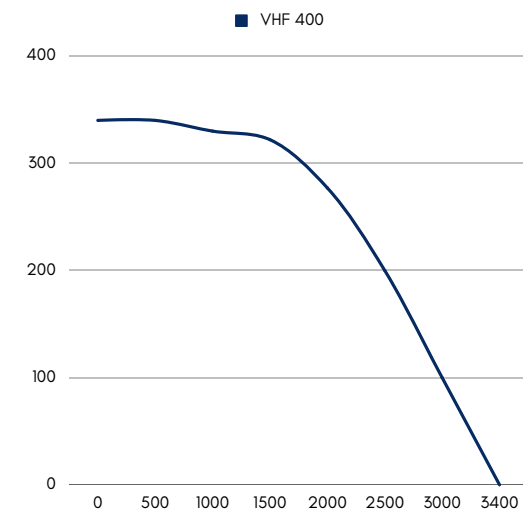
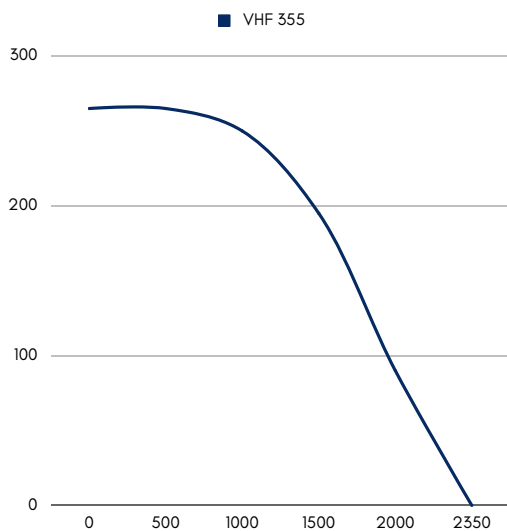
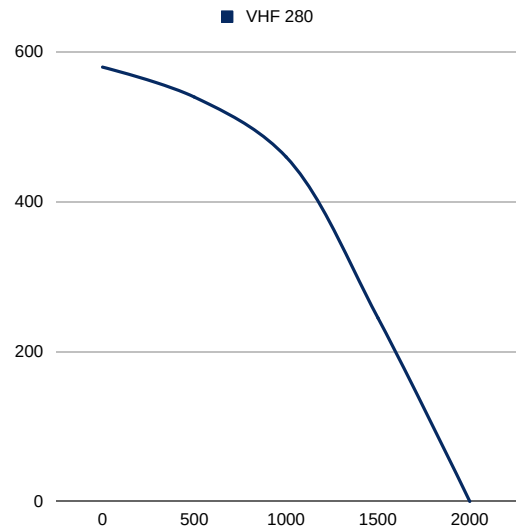
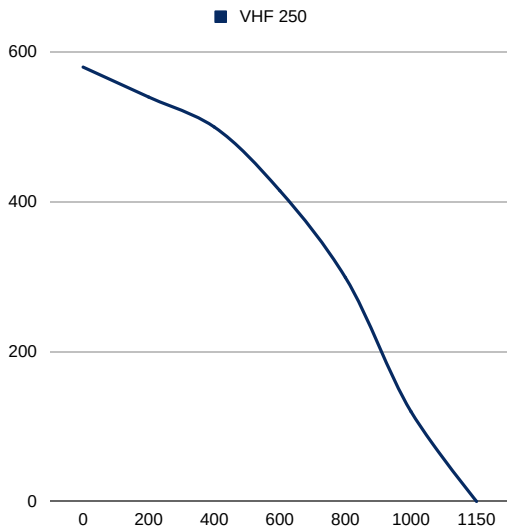
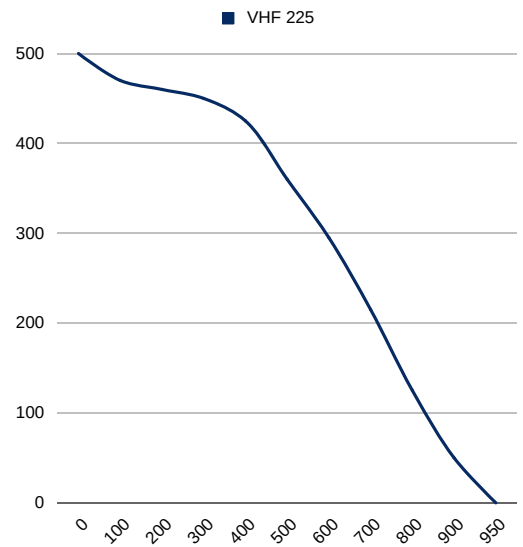
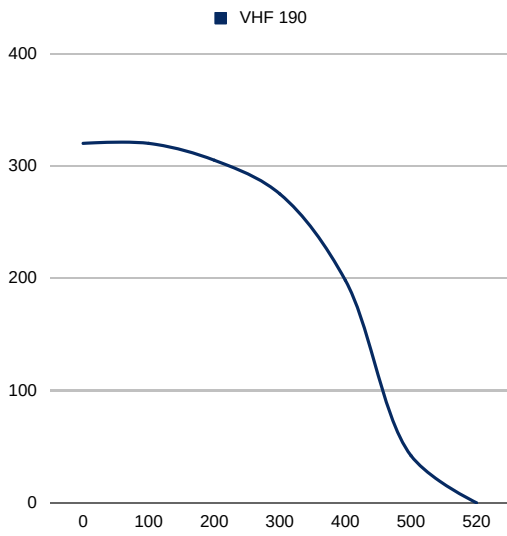
Horizontal roof fans play a crucial role in maintaining indoor air quality, temperature control, and safety in various industrial and commercial settings. Properly designed and maintained roof exhaust systems can help reduce energy costs and create a more comfortable and productive environment for occupants.

It's important to consult with ventilation experts or HVAC professionals to select the right size and type of horizontal roof fan for your specific needs, as the choice of fan will depend on factors like the building size, ventilation requirements, and environmental conditions

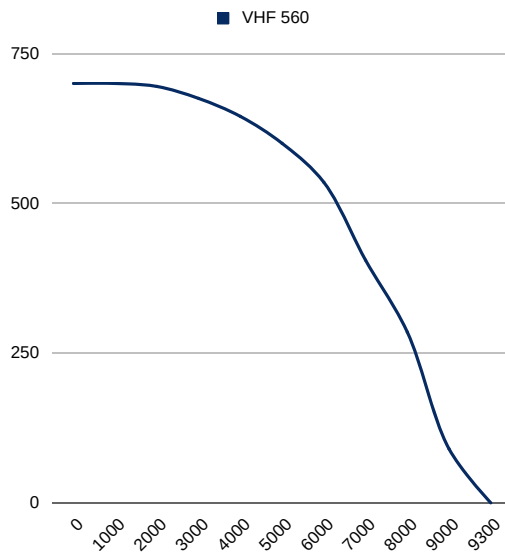
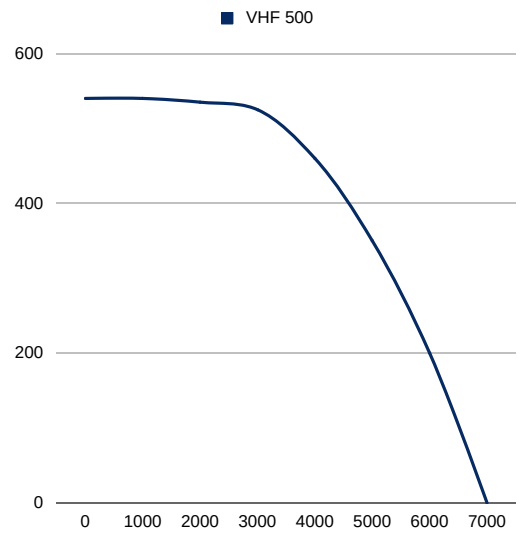
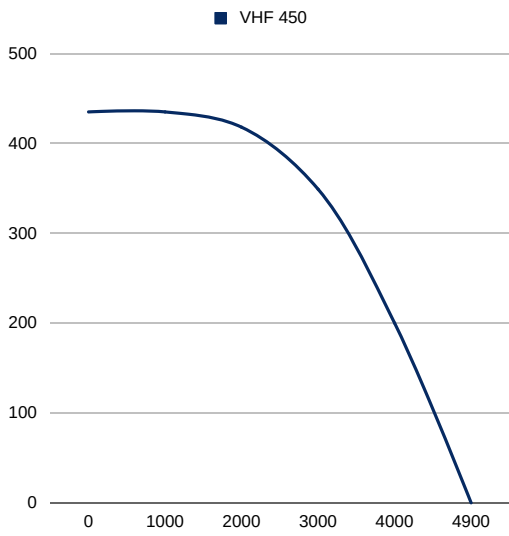
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m³/h)	Weight (kg)	Sound Pressure dB(A)
VHF 190	230	50	90	2600	520	4,6	50
VHF 225	230	50	104	2675	950	7,30	50
VHF 250	230	50	130	2685	1150	11,10	55
VHF 280	230	50	180	2615	2000	13,00	60
VHF 355	230	50	185	1365	2350	15,50	52
VHF 400	230	50	380	1365	3400	17,25	55
VHF 450	230	50	690	1365	4900	20,05	60
VHF 500	230-380	50	1080	1365	7000	25,75	63
VHF 560	380	50	1670	1365	9300	31,90	70

Model	A	B	C
VHF 190	250	220	340
VHF 225	336	247	471
VHF 250	355	252	500
VHF 280	370	256	523
VHF 355	450	337	640
VHF 400	450	367	640
VHF 450	550	444	820
VHF 500	600	500	860
VHF 560	630	510	920





ROOF FANS / Centrifugal Horizontal Roof Mounted Fans



VYF

Centrifugal Horizontal Roof Mounted Fan



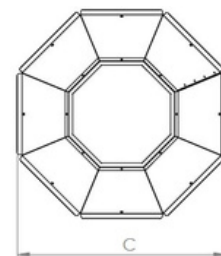
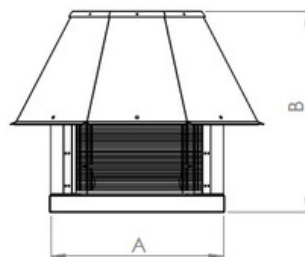
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

Horizontal roof fans play a crucial role in maintaining indoor air quality, temperature control, and safety in various industrial and commercial settings. Properly designed and maintained roof exhaust systems can help reduce energy costs and create a more comfortable and productive environment for occupants.

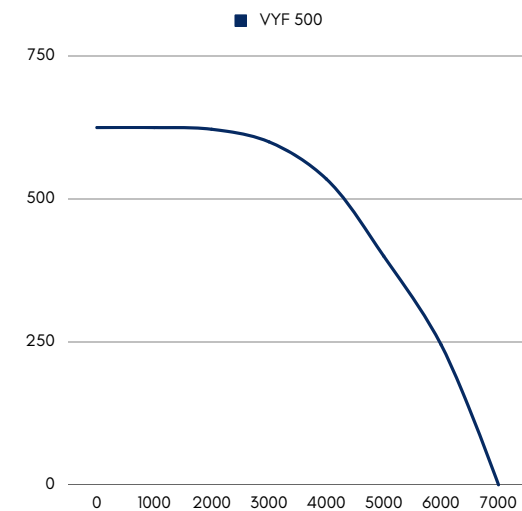
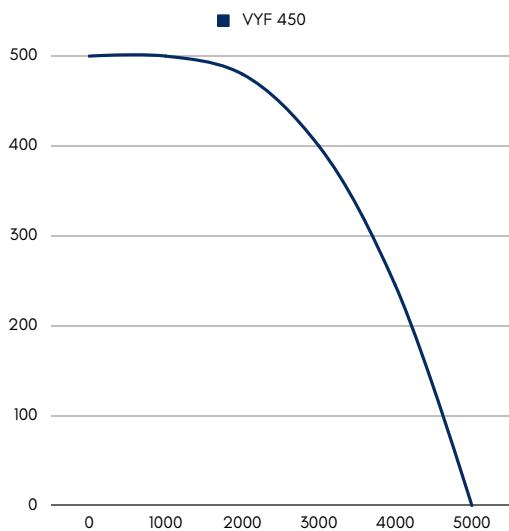
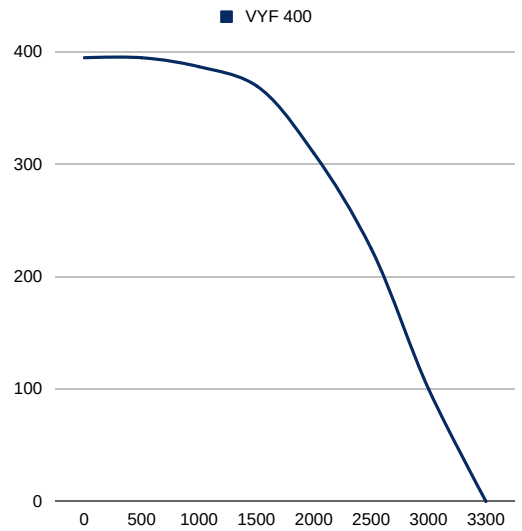
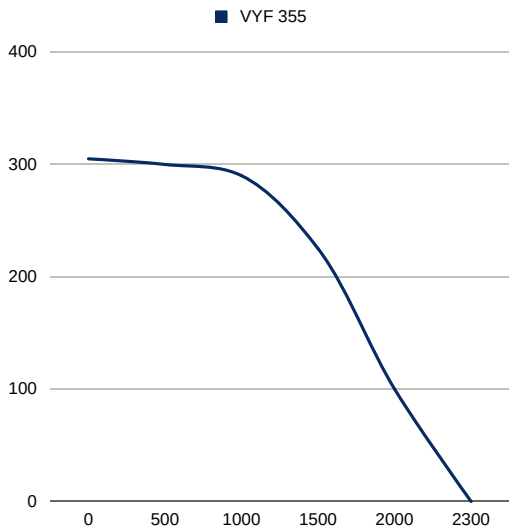
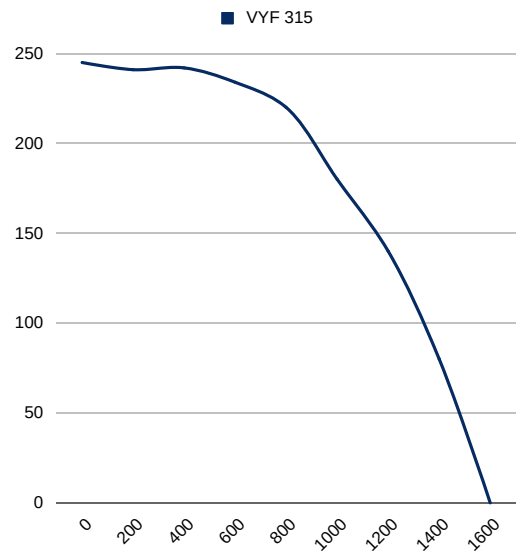
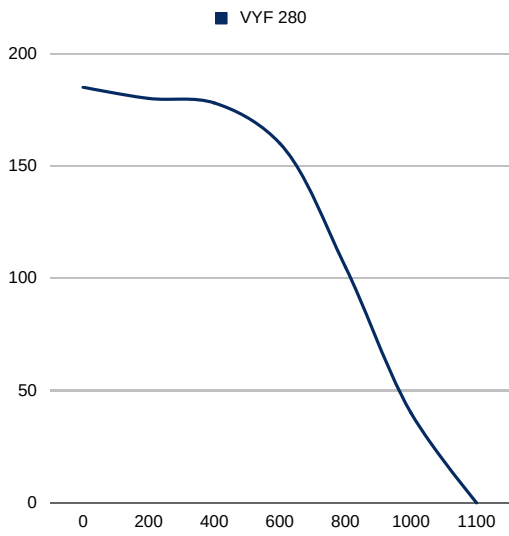
It's important to consult with ventilation experts or HVAC professionals to select the right size and type of horizontal roof fan for your specific needs, as the choice of fan will depend on factors like the building size, ventilation requirements, and environmental conditions

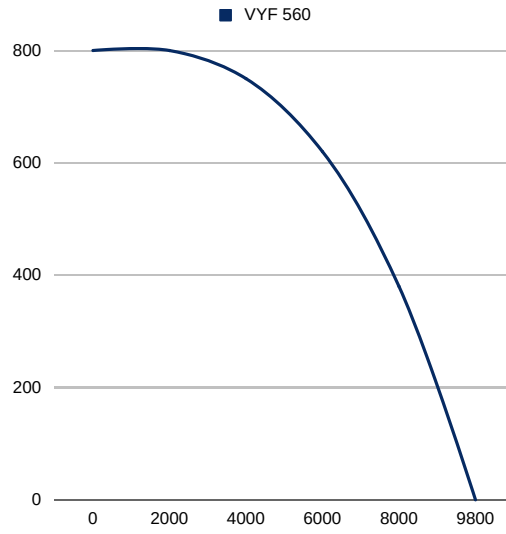
Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m³/h)	Weight (kg)	Sound Pressure dB(A)
VYF 280	380	50	0,18	1450	1100	5,15	53
VYF 315	380	50	0,25	1469	1600	8,30	52
VYF 355	380	50	0,37	1471	2300	13,45	55
VYF 400	380	50	0,55	1478	3300	17,20	60
VYF 450	380	50	0,75	1454	5000	19,70	62
VYF 500	380	50	1,10	1462	7000	23,65	64
VYF 560	380	50	1,50	1464	9800	28,43	66

Model	A	B	C
VYF 280	366	412	536
VYF 315	400	460	580
VYF 355	450	466	630
VYF 400	500	526	723
VYF 450	550	562	820
VYF 500	600	614	900
VYF 560	650	620	973



ROOF FANS / Centrifugal Horizontal Roof Mounted Fans





VRF

Vertical Discharge Centrifugal Fan



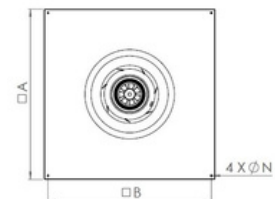
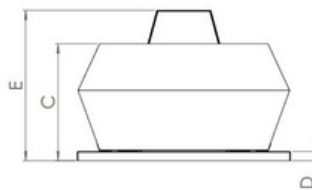
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

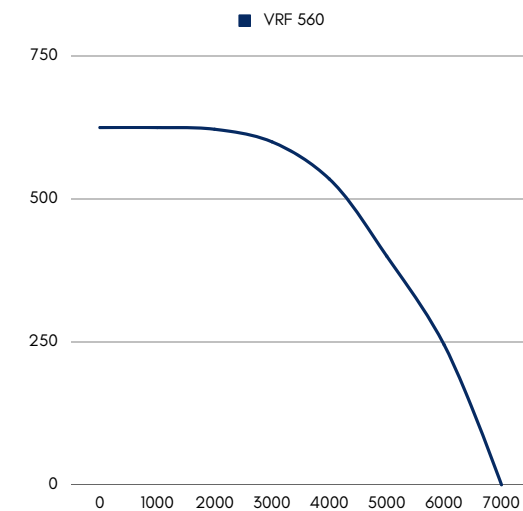
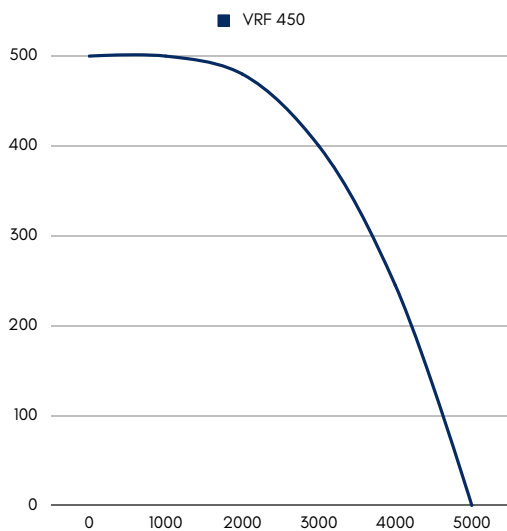
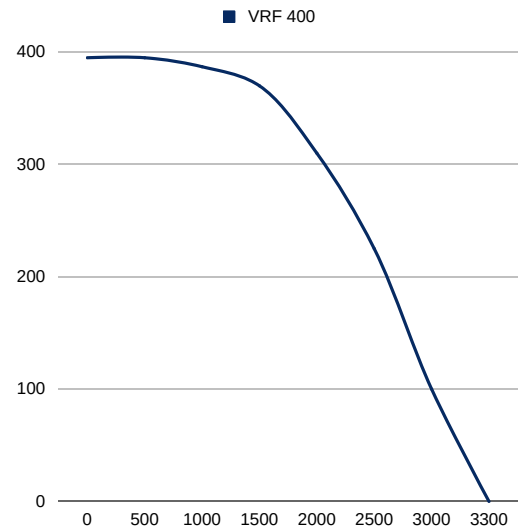
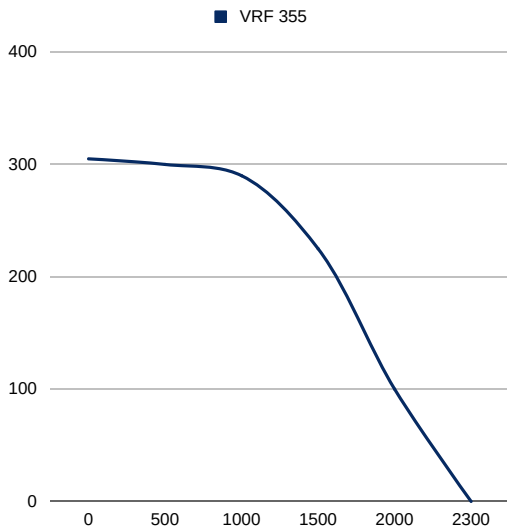
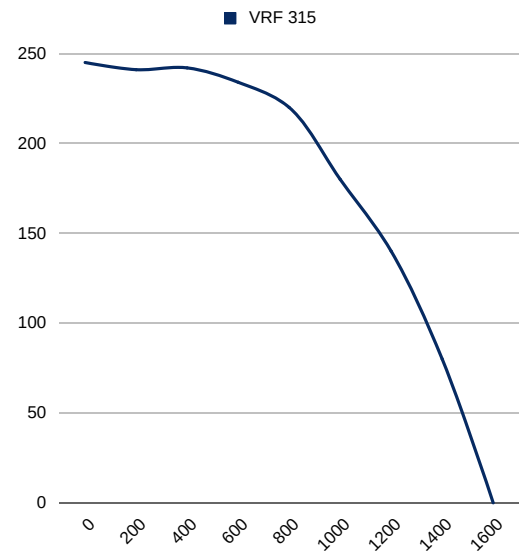
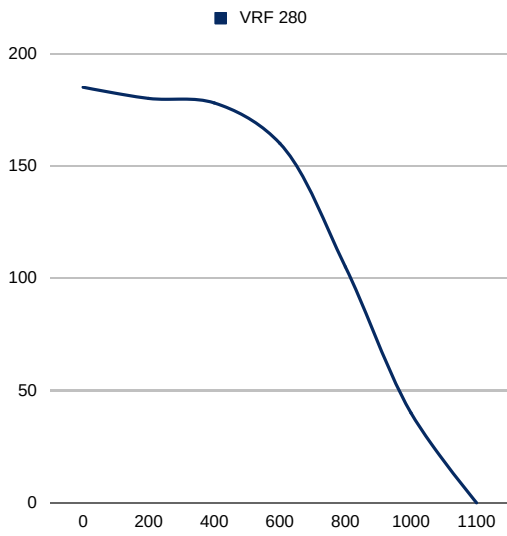
A vertical discharge roof fan is a type of ventilation fan designed to exhaust air or fumes from an enclosed space through the roof of a building. These fans are typically used in industrial and commercial settings where there is a need to remove hot air, smoke, or other contaminants from the building's interior.

Vertical discharge roof fans play a crucial role in maintaining indoor air quality and temperature control in various industrial and commercial applications, including factories, warehouses, commercial kitchens, and other spaces where proper ventilation is essential. They help remove heat, odors, and contaminants from the building, promoting a healthier and more comfortable environment for occupants.

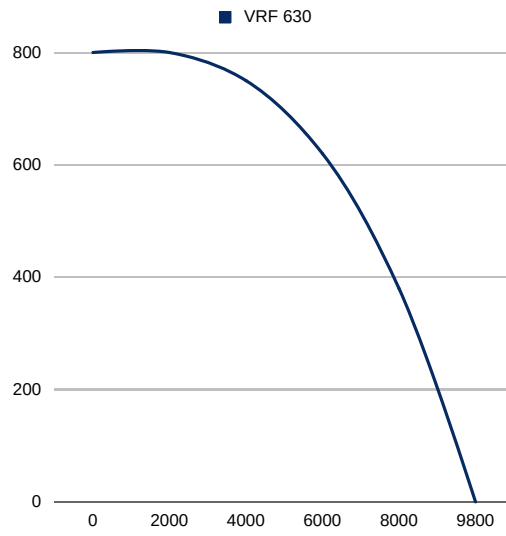
Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Weight (kg)	Sound Pressure dB(A)
VRF 280	380	50	0,18	1450	1100	7,15	63
VRF 315	380	50	0,25	1469	1600	10,30	64
VRF 355	380	50	0,37	1471	2300	15,45	58
VRF 400	380	50	0,55	1478	3300	19,20	60
VRF 450	380	50	0,75	1454	5000	21,70	62
VRF 500	380	50	1,10	1462	7000	25,65	64
VRF 560	380	50	1,50	1464	9800	33,50	67

Model	A	B	C
VRF 280	366	412	536
VRF 315	400	460	580
VRF 355	450	466	630
VRF 400	500	526	723
VRF 450	550	562	820
VRF 500	600	614	900
VRF 560	650	620	973





ROOF FANS / Vertical Discharge Centrifugal Fan



VLF-R

Horizontal Discharge Axial Roof Fan



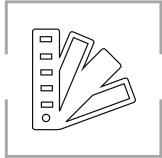
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A long-cased axial fan, also known as a tube axial fan or a ducted axial fan, is a type of industrial fan designed to move air or other gases in a straight-line path through a duct or enclosed space. It is called "long-cased" because it typically has a cylindrical or elongated casing or housing that encloses the fan blades and motor assembly.

In summary, a long-cased axial fan is a specialized industrial fan designed for applications that require straight-line airflow through ducts or enclosed spaces. They are commonly used in HVAC systems and various industrial processes where efficient and controlled airflow is crucial. These fans are known for their effectiveness in moving large volumes of air while maintaining energy efficiency.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-R 400/5-25	380	50/60	0,37	1450	2895	66
VLF-R 450/5-25	380	50/60	0,55	1456	4180	69
VLF-R 500/5-25	380	50/60	0,55	1453	5845	72
VLF-R 560/5-25	380	50/60	0,75	1466	8150	75
VLF-R 630/5-30	380	50/60	1,10	1465	13480	80
VLF-R 710/5-30	380	50/60	1,40	1472	19210	83
VLF-R 800/5-30	380	50/60	2,20	1459	25560	85
VLF-R 800/5-35	380	50/60	3,00	1463	30940	89
VLF-R 900/5-35	380	50/60	4,00	1471	39250	90
VLF-R 900/5-40	380	50/60	5,50	1472	44635	93
VLF-R 900/8-40	380	50/60	11,00	1454	46200	94
VLF-R 1000/5-40	380	50/60	7,50	1478	54570	94
VLF-R 1000/8-40	380	50/60	15,00	1456	62250	97
VLF-R 1000/8-45	380	50/60	18,50	1458	69070	99
VLF-R 1120/8-40	380	50/60	22,00	1471	86620	100
VLF-R 1120/8-45	380	50/60	30,00	1474	95270	102

OPTIONS



Electro-static Powder Coating With Any RAL Color



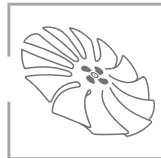
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation



5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

ACCESSORIES



Mounting Feet



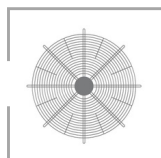
Vibration Isolator



Counter Flange



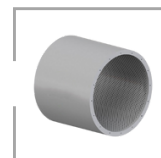
Connector



Protection Guard



Back Draft Damper

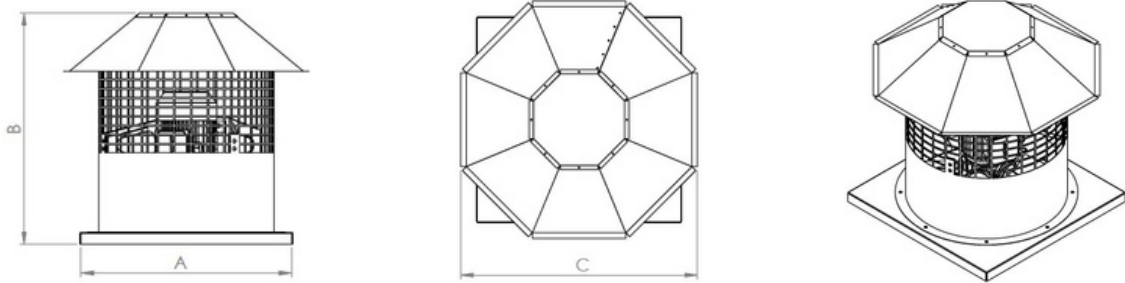


Silencer



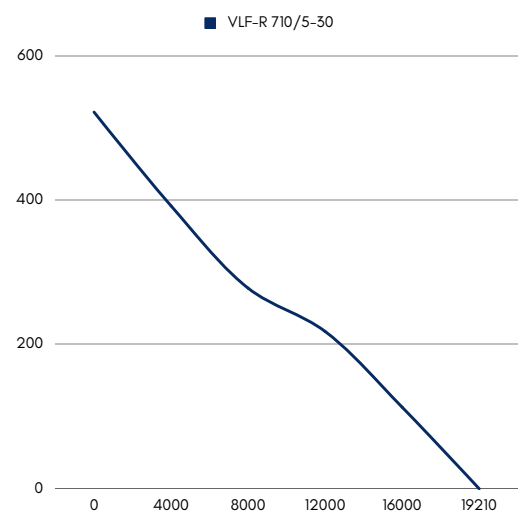
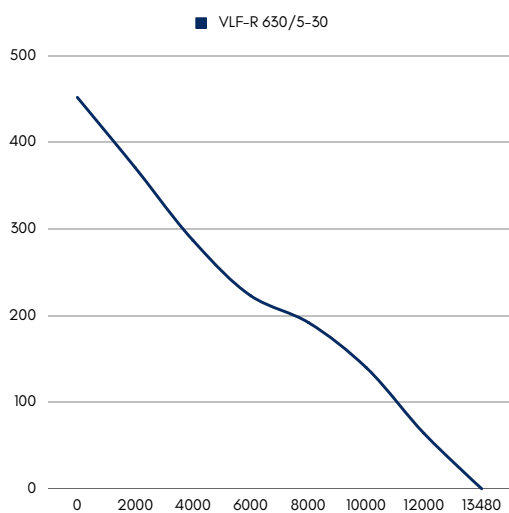
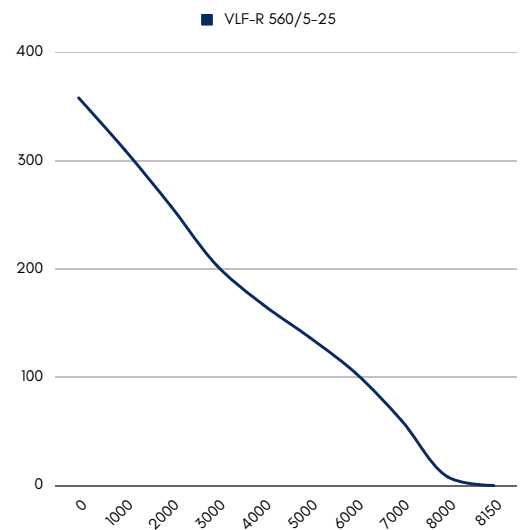
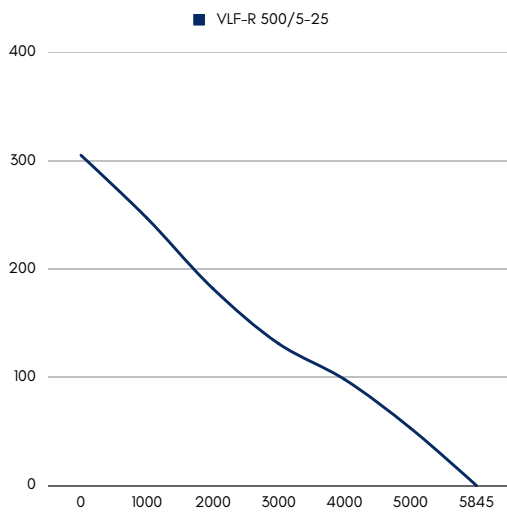
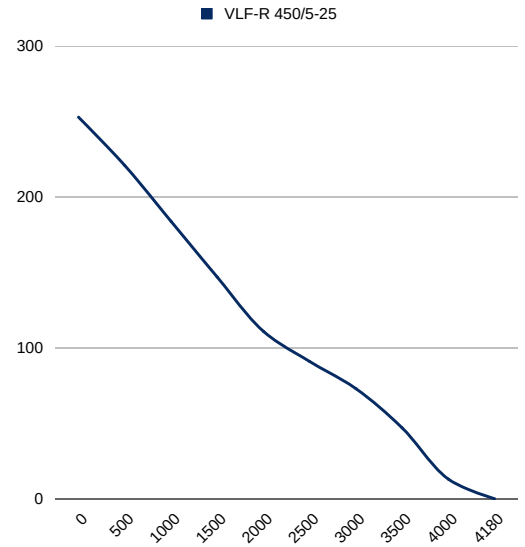
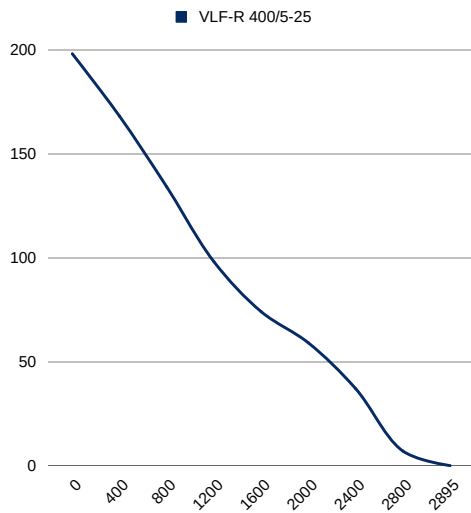
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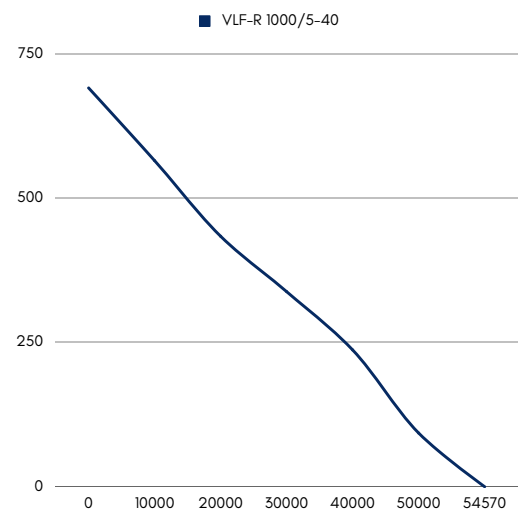
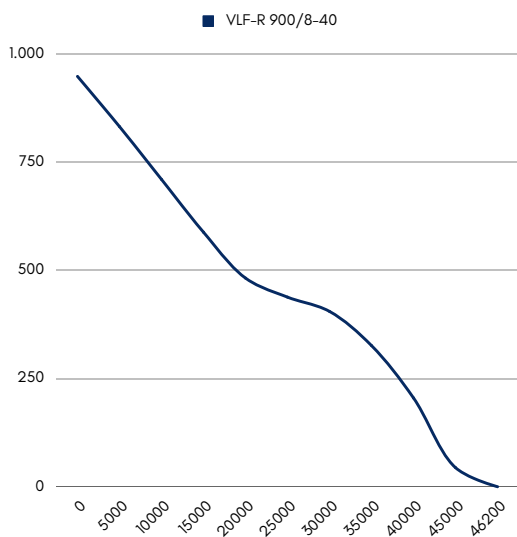
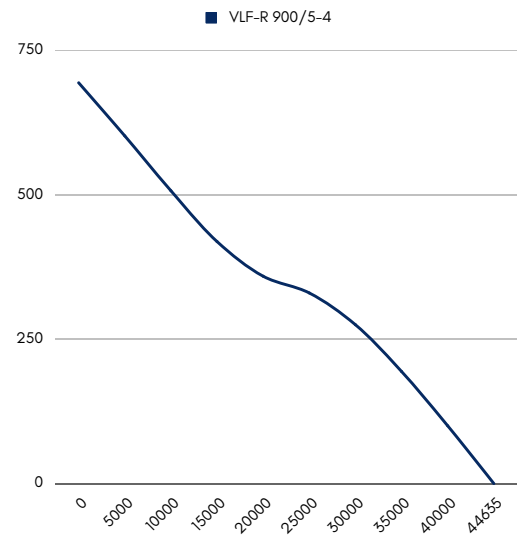
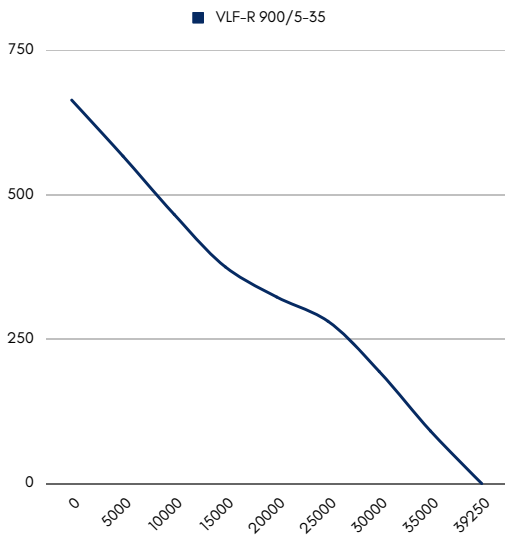
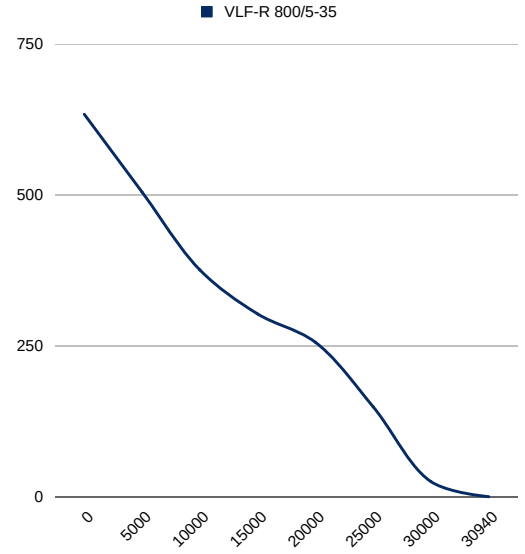
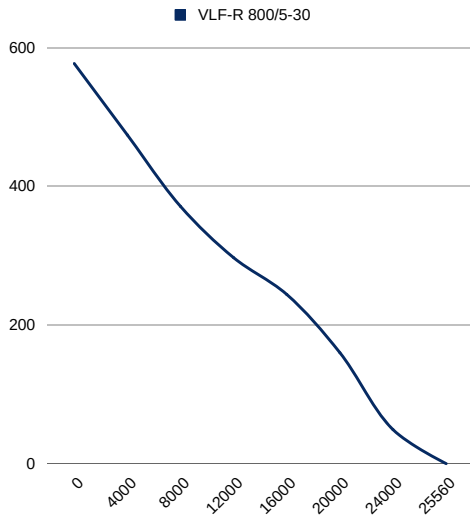
DRAWINGS



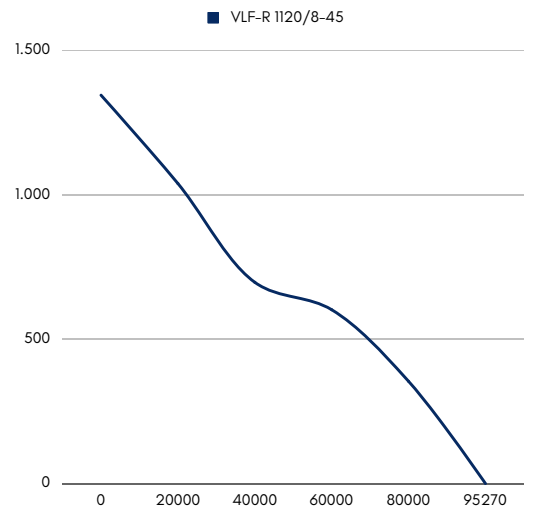
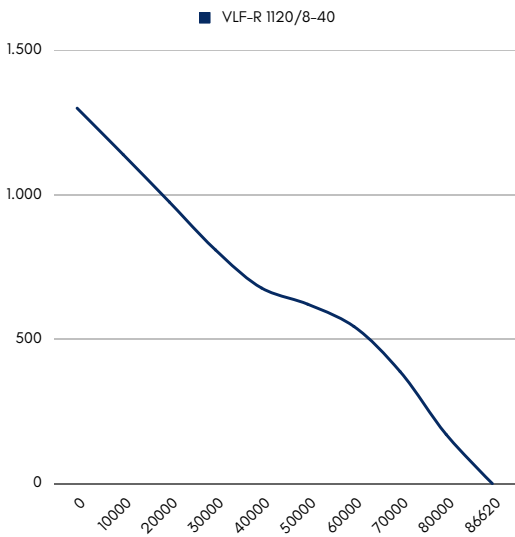
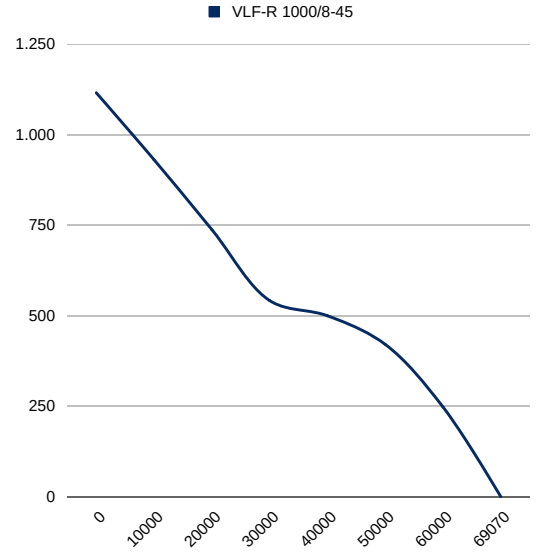
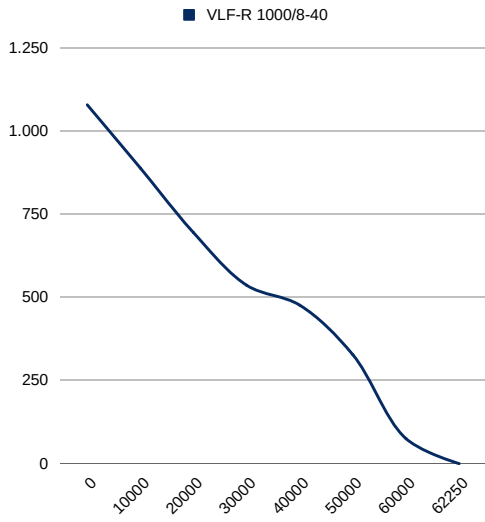
Model	A	B	C	E	(N) Screw Hole
VLF-R 400/5-25	500	800	640	11	8
VLF-R 450/5-25	550	800	640	11	8
VLF-R 500/5-25	600	800	700	11	8
VLF-R 560/5-25	650	800	760	11	12
VLF-R 630/5-30	750	850	850	11	12
VLF-R 710/5-30	850	850	950	11	12
VLF-R 800/5-30	950	850	1070	11	16
VLF-R 900/5-40	1050	1200	1140	11	16
VLF-R 1000/8-40	1150	1200	1240	11	16
VLF-R 1120/8-45	1250	1550	1390	11	16

ROOF FANS / Horizontal Discharge Axial Roof Fans

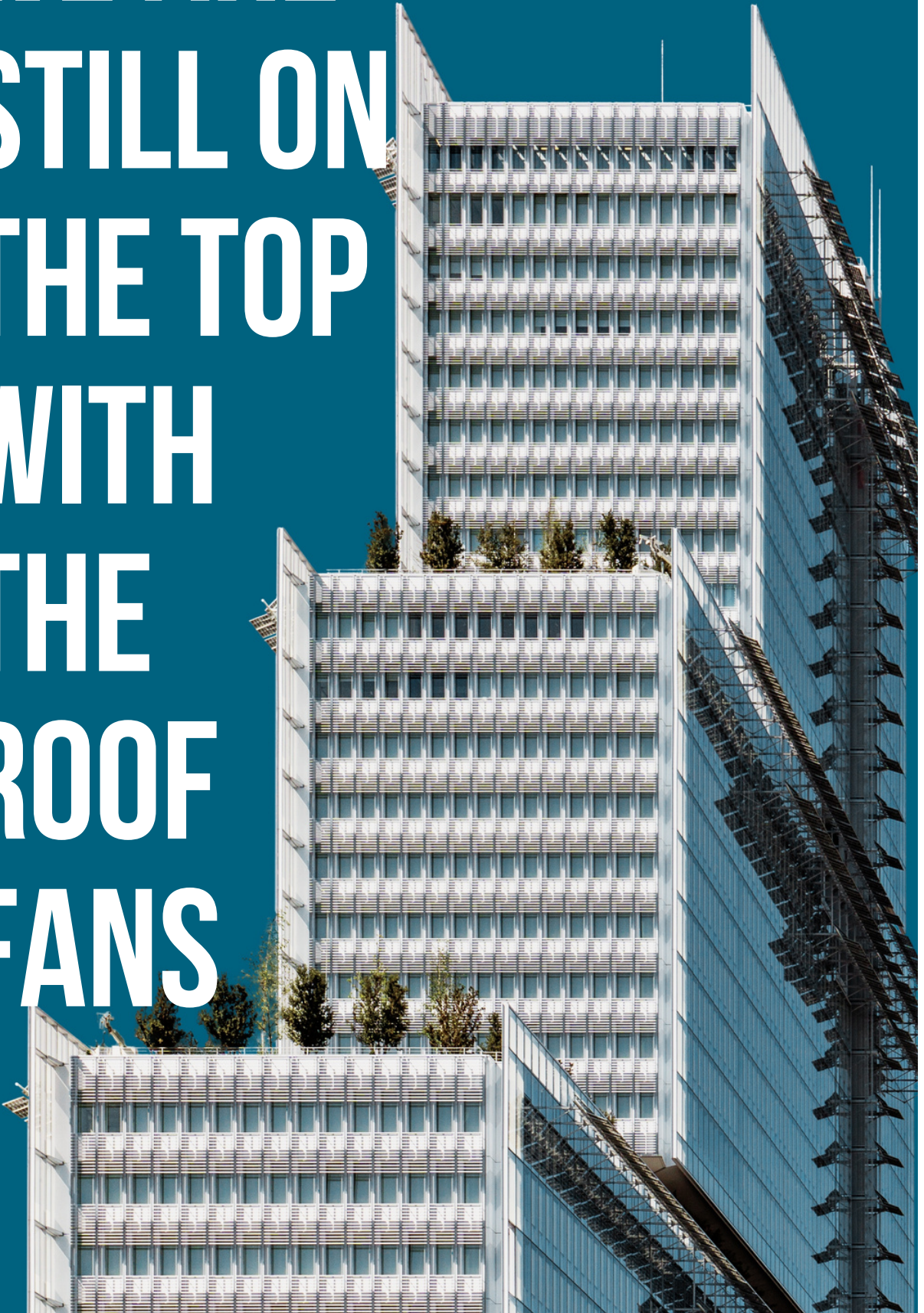




ROOF FANS / Horizontal Discharge Axial Roof Fans



**WE ARE
STILL ON
THE TOP
WITH
THE
ROOF
FANS**



VPS

Single Inlet Centrifugal Fan



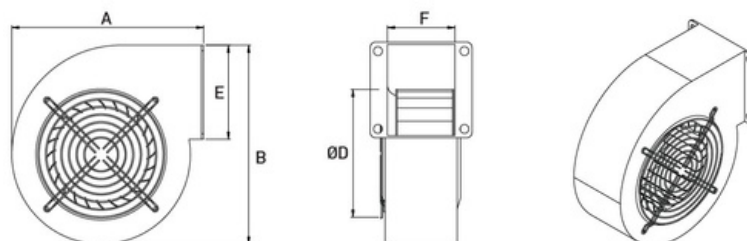
MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

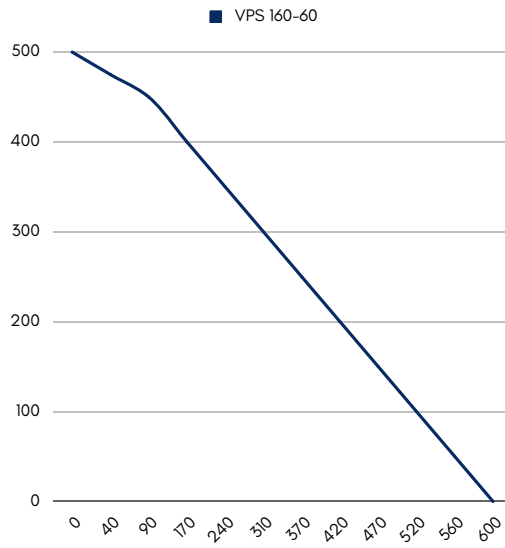
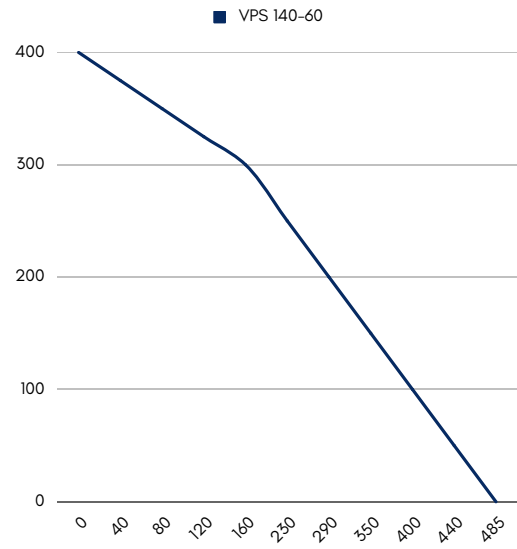
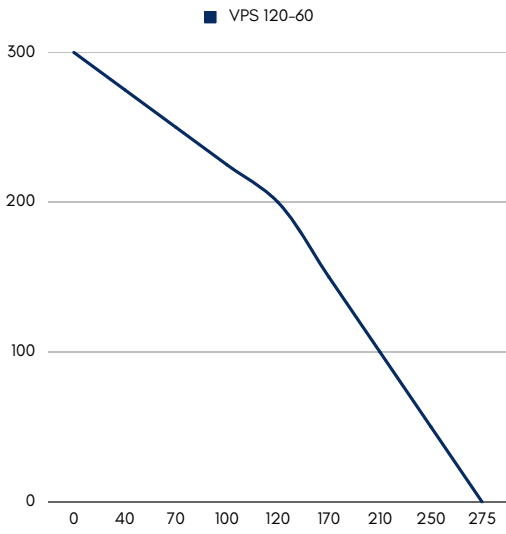
A single inlet centrifugal fan, also known as a forward-curved centrifugal fan, is a type of mechanical fan commonly used in various industrial and HVAC (Heating, Ventilation, and Air Conditioning) applications. It belongs to the broader category of centrifugal fans, which are characterized by their ability to generate airflow by accelerating air radially outward from the center of the fan wheel.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VPS 120-60	220	50	90	2600	275	45	2,50
VPS 140-60	220	50	160	2550	485	50	3,20
VPS 160-60	220	50	225	2450	600	54	4,30

DRAWINGS

Model	A	B	C	E	(N) Screw Hole
VPS 120-60	173	183	98	68	81
VPS 140-60	206	216	112	92	83
VPS 160-60	270	260	130	93	84







VRS

Single Inlet Blower Fan
(Aluminium Case)



MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	ALUMINIUM
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

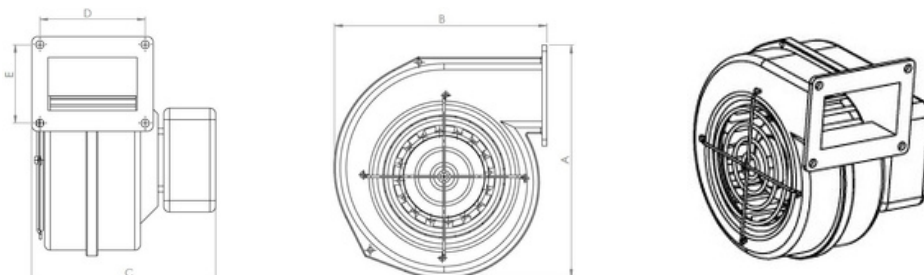
A boiler fan is a crucial component of a boiler system that plays a vital role in ensuring efficient combustion, heat transfer, and safe operation. The primary purpose of a boiler fan is to provide combustion air to the boiler's burners and to facilitate the removal of combustion products (flue gases) from the combustion chamber.

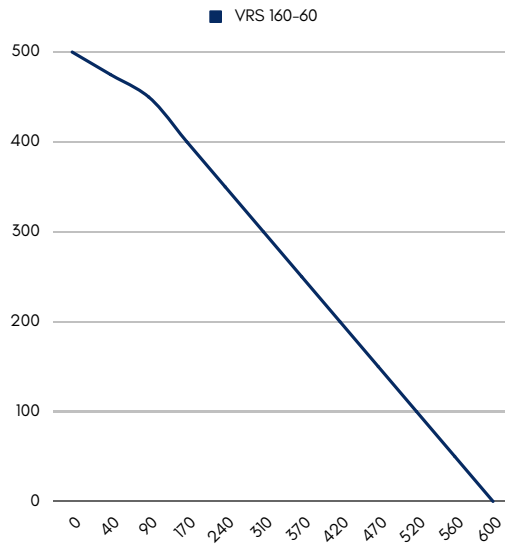
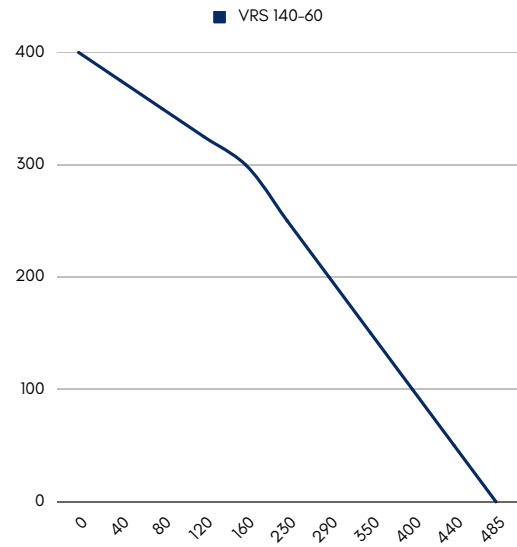
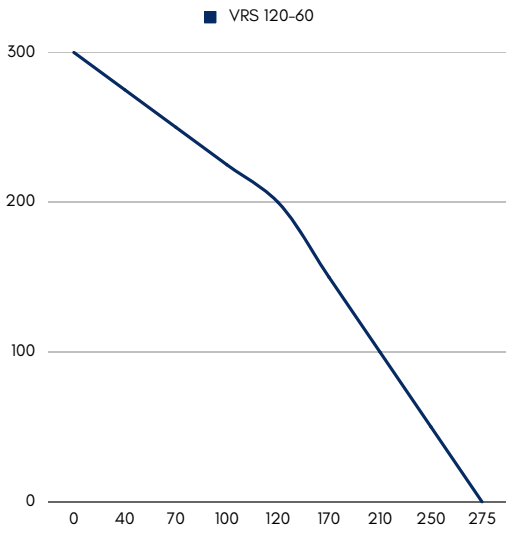
In summary, a boiler fan is a critical component in a boiler system, responsible for providing combustion air, controlling draft, and ensuring efficient and safe boiler operation. Its design, capacity, and control mechanisms are tailored to the specific requirements of the boiler and the type of fuel being burned. Proper maintenance and operation of the boiler fan are essential for the safe and efficient performance of the entire boiler system.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VRS 120-60	230	50	84	2450	275	45	3,00
VRS 140-60	230	50	137	2265	485	47	4,40
VRS 160-60	230	50	193	2100	600	50	5,20

DRAWINGS

Model	A	B	C	D	E
VRS 120-60	190	175	160	100	70
VRS 140-60	260	225	145	115	105
VRS 160-60	260	225	145	115	105





VOBR

Single Inlet Centrifugal Fan



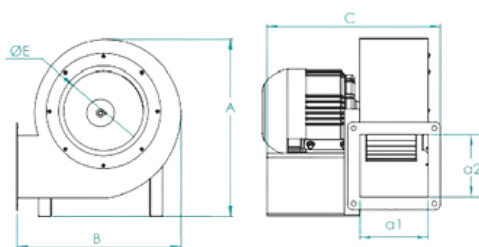
MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A medium-pressure radial fan, also known as a centrifugal fan or blower, is a type of mechanical device used to move air or other gases in various industrial and HVAC (heating, ventilation, and air conditioning) applications. These fans are designed to handle air at moderate to high pressures and are characterized by their radial blade configuration.

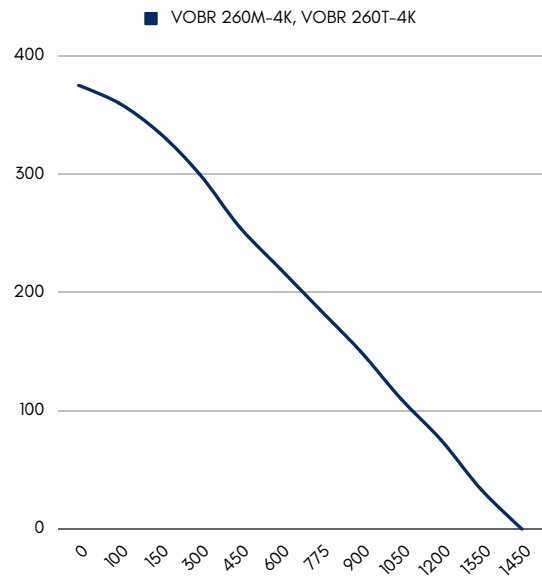
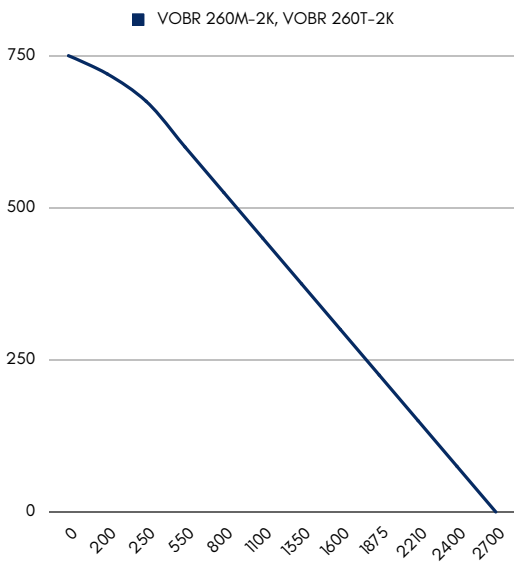
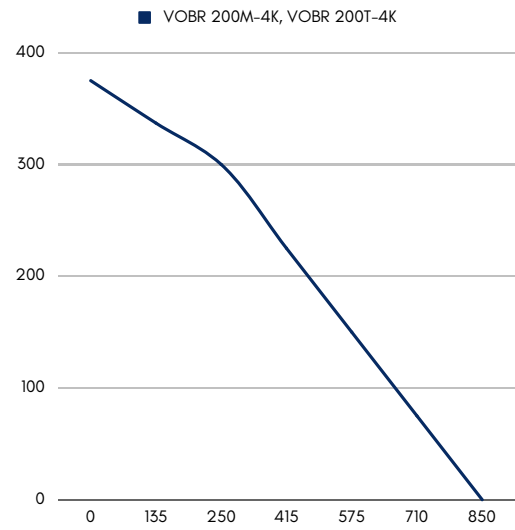
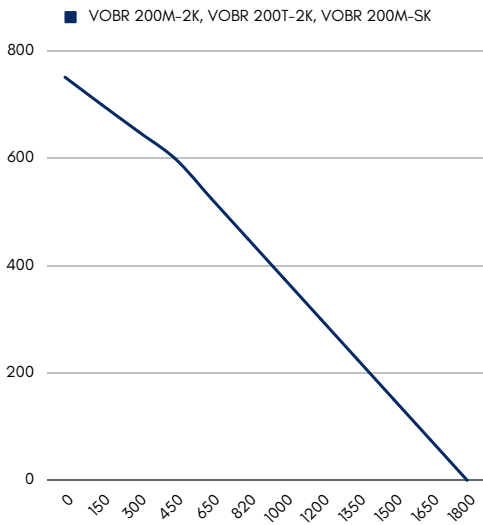
In summary, a medium-pressure radial fan is a versatile mechanical device used for moving air or gases in various applications that require moderate pressure and efficient airflow. Their design and capabilities make them essential components in industrial processes and HVAC systems.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VOBR 200M-2K	230	50	450	2	2770	1800	55	9
VOBR 200M-4K	230	50	190	1,10	1450	850	50	11
VOBR 200T-2K	380	50	140	0,7	2950	1800	55	9,3
VOBR 200T-4K	380	50	190	0,9	1495	850	55	19
VOBR 200M-2SK	230	50	450	2	2900	1800	55	9,3
VOBR 260M-2K	230	50	0,75	9,8	2820	2700	72	9,5
VOBR 260M-4K	230	50	0,25	2,1	1380	1450	66	12,8
VOBR 260T-2K	380	50	0,73	3,3	2820	2700	72	11,2
VOBR 260T-4K	380	50	0,25	0,81	1380	1450	66	9,8

DRAWING



Model	A	B	C	a1	a2
VOBR 200	295	288	322	102	113
VOBR 260	361	354	405	115	160



VDC

Single Inlet Blower Fan



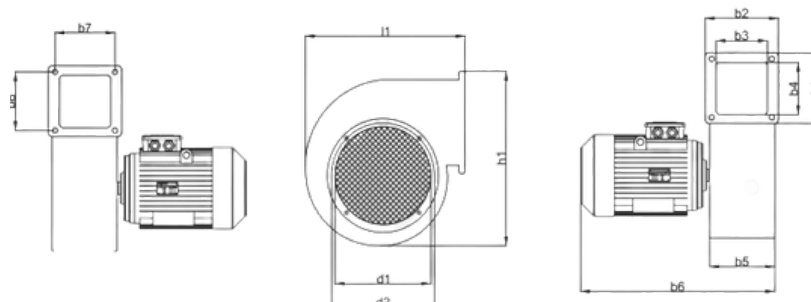
MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A medium-pressure radial fan, also known as a centrifugal fan or blower, is a type of mechanical device used to move air or other gases in various industrial and HVAC (heating, ventilation, and air conditioning) applications. These fans are designed to handle air at moderate to high pressures and are characterized by their radial blade configuration.

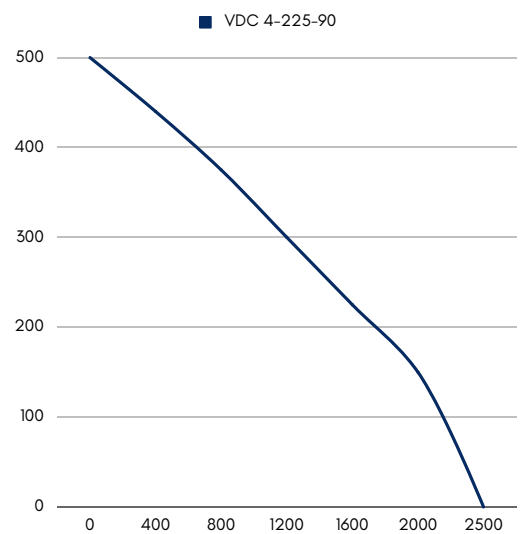
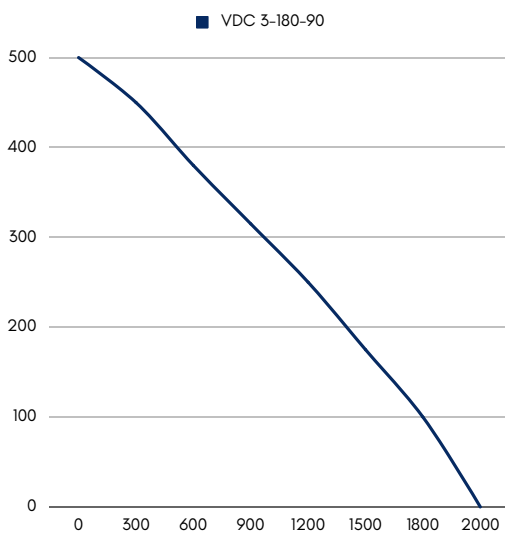
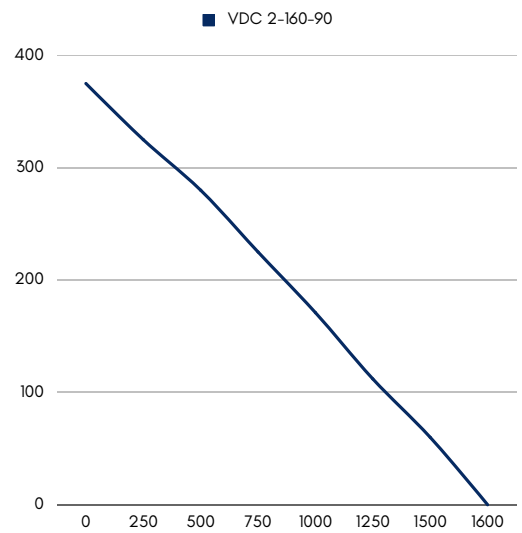
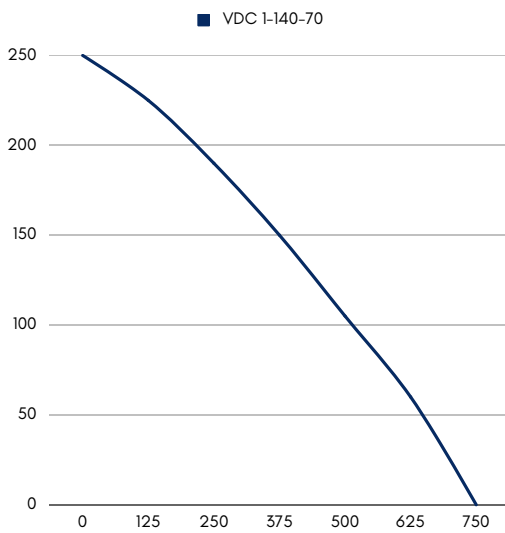
In summary, a medium-pressure radial fan is a versatile mechanical device used for moving air or gases in various applications that require moderate pressure and efficient airflow. Their design and capabilities make them essential components in industrial processes and HVAC systems.

Model	Voltage (V)	Frequency (Hz)	Power (KW)	Current (A)	Speed (r.p.m)	Airflow (m³/h)	Sound Pressure dB(A)	Weight (kg)
VDC 1-140-70	230 / 380	50	0,25	1,6 / 0,67	2900	750	50	9
VDC 2-160-90	230 / 380	50	0,37	2,50 / 1,05	2900	1650	55	11
VDC 3-180-90	230 / 380	50	0,55	3,50 / 1,27	2900	2000	60	12
VDC 4-225-90	230 / 380	50	0,75	5,00 / 1,75	2900	2500	65	18
VDC 4-225-102	230 / 380	50	1,10	7,00 / 2,30	2900	3000	68	19
VDC 5-250-112	230 / 380	50	1,50	9,80 / 3,30	2900	3500	70	25
VDC 5-250-118	230 / 380	50	2,20	13,50 / 4,50	2900	4000	72	27
VDC 6-268-112	230 / 380	50	2,20	-	2900	4500	74	31
VDC 6-268-118	230 / 380	50	3,00	6,50	2900	5000	75	33
VDC 7-300-112	380	50	4,00	7,90	2900	6000	76	43
VDC 8-315-112	380	50	5,5	10,30	2900	8000	77	48

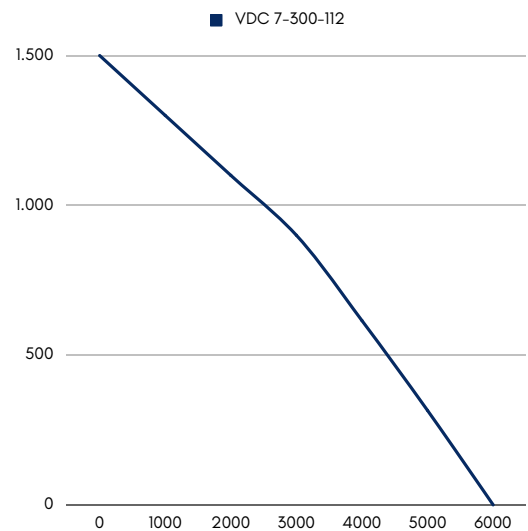
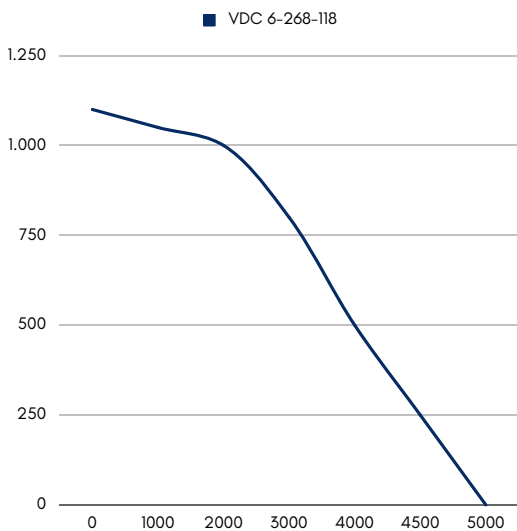
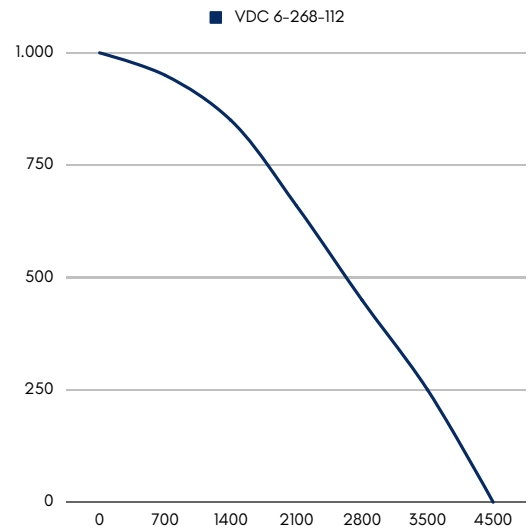
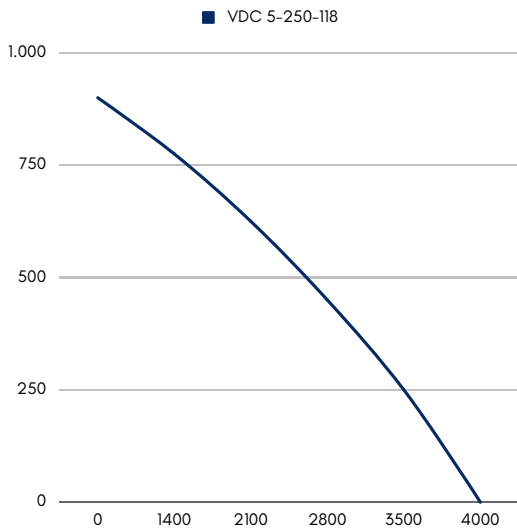
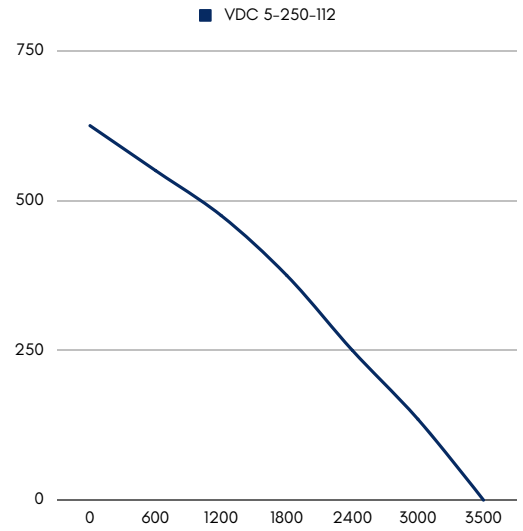
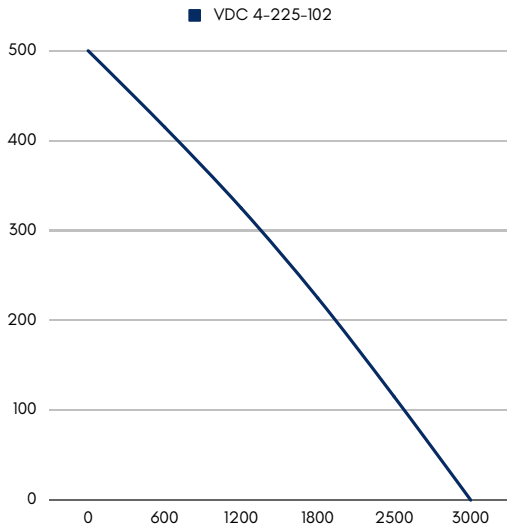
DRAWING

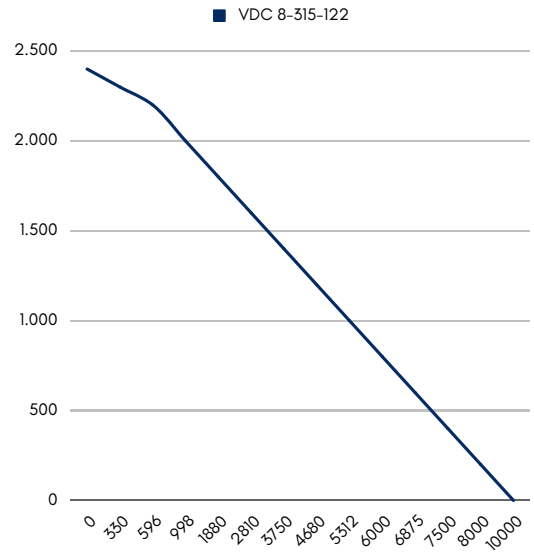
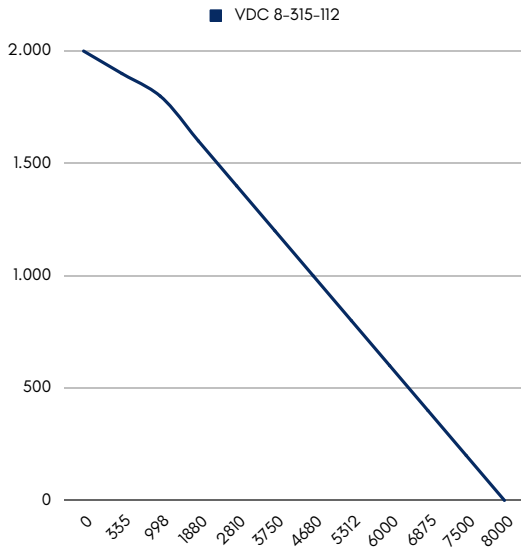


Model	b1	b2	b3	b4	b5	b6	b7	b8	l1	d1	d2
VDC 1	123	116	85	60	105	315	95	95	230	120	157
VDC 2	160	160	110	110	130	360	135	135	285	140	175
VDC 3	160	155	105	105	128	350	130	125	303	166	195
VDC 4	185	160	125	105	145	374	155	125	370	198	250
VDC 5	203	203	155	-	165	435	165	165	415	228	285
VDC 6	203	203	155	-	165	435	165	165	415	228	285



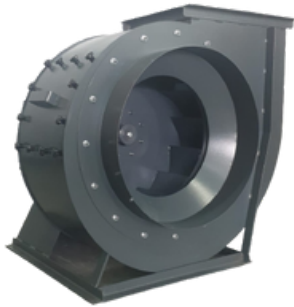
RADIAL FANS / Single Inlet Blower Fans





VLPF

Low Pressure Centrifugal Fan

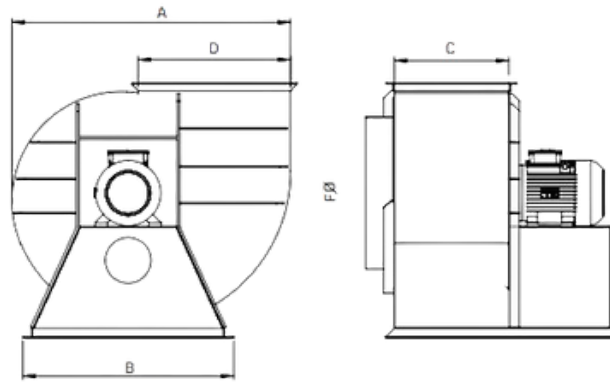


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK, WAT
BODY MATERIAL	DKP STEEL SHEET
BODY COATING	ELECTROSTATIC POWDER COATING
IMPELLER MATERIAL	DKP STEEL SHEET
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A low-pressure radial fan, also known as a centrifugal fan or blower, is a type of mechanical device used to move air or other gases. These fans are designed to operate at relatively low static pressures, meaning they are suitable for applications where the resistance to airflow is not very high.

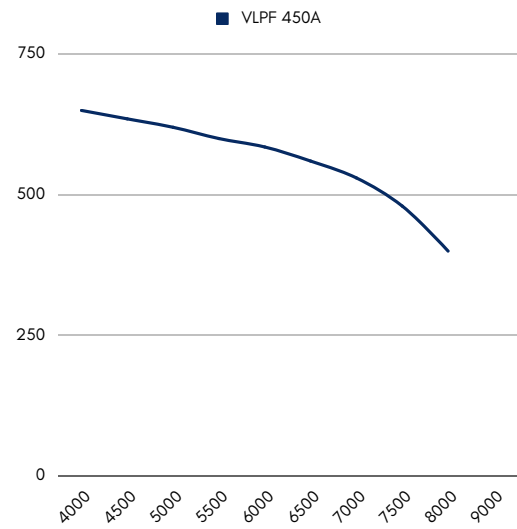
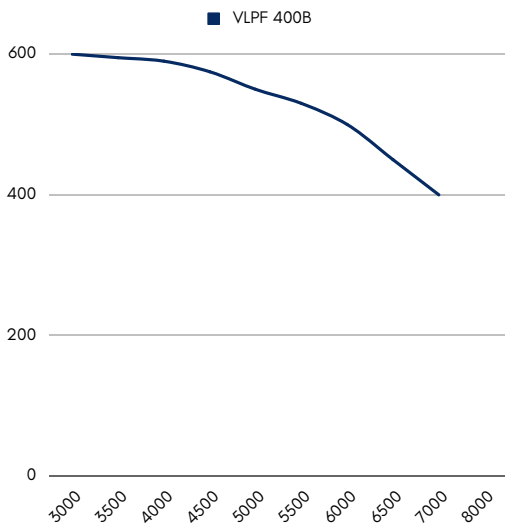
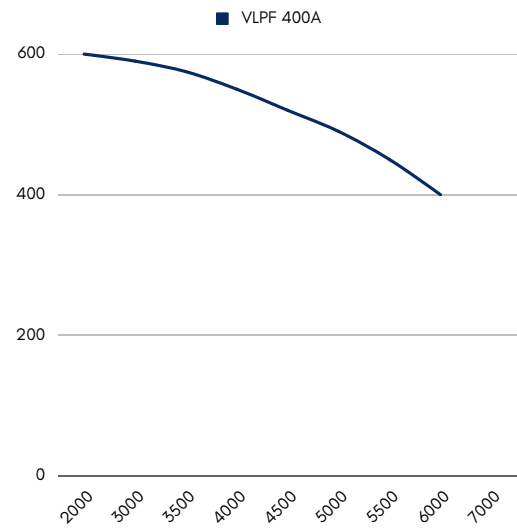
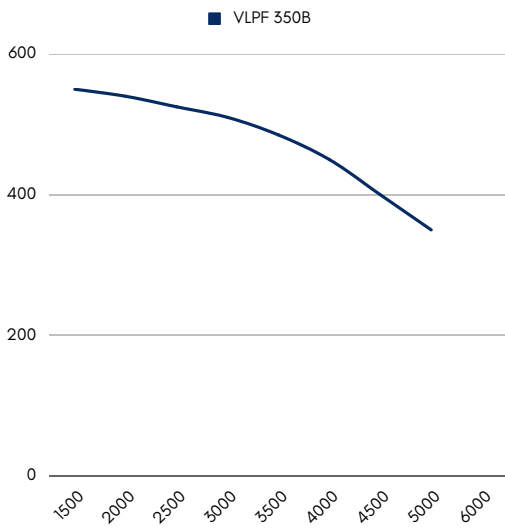
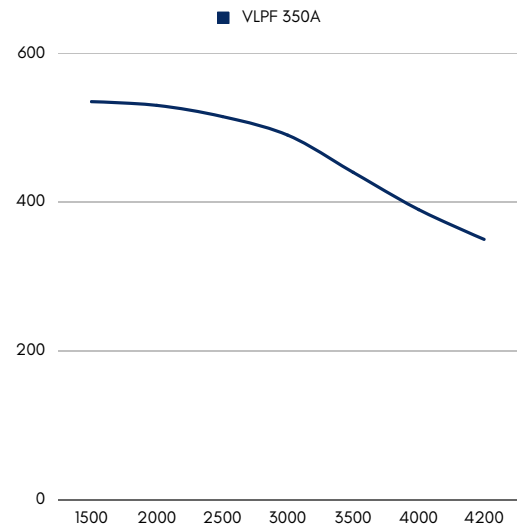
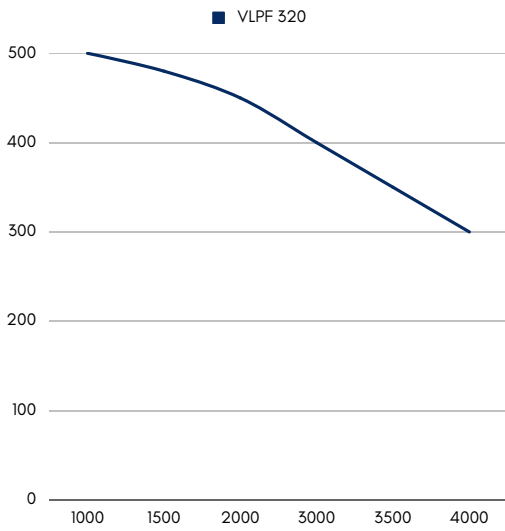
In summary, low-pressure radial fans are versatile devices used to move air in various applications where the resistance to airflow is relatively low. Their ability to efficiently generate airflow at low pressures makes them essential components in HVAC systems, ventilation, and various industrial processes.

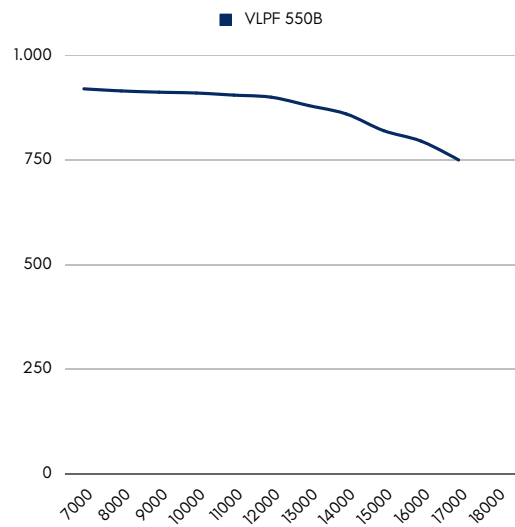
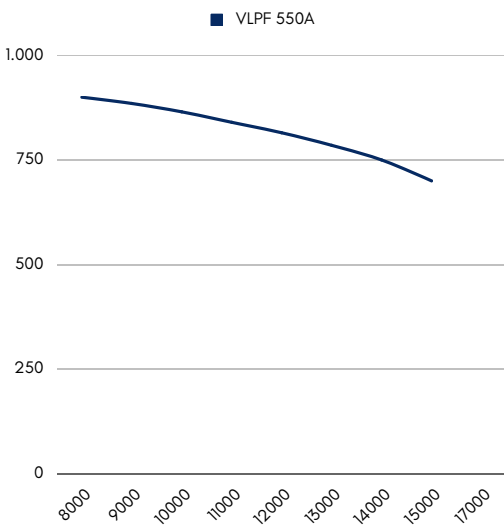
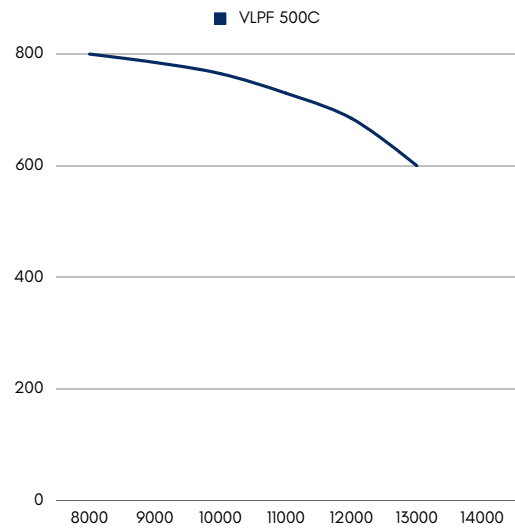
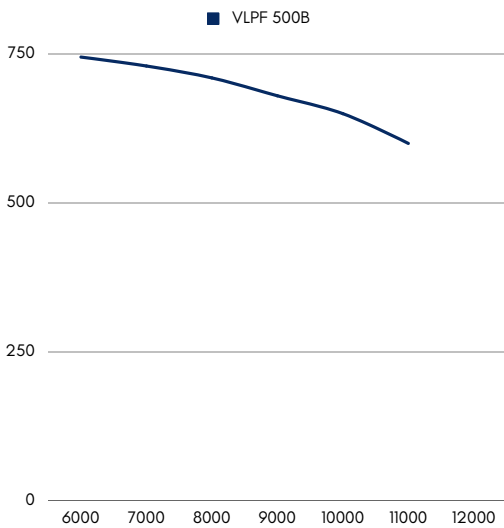
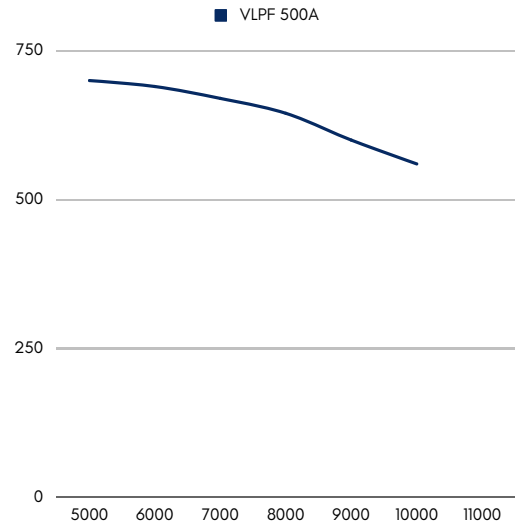
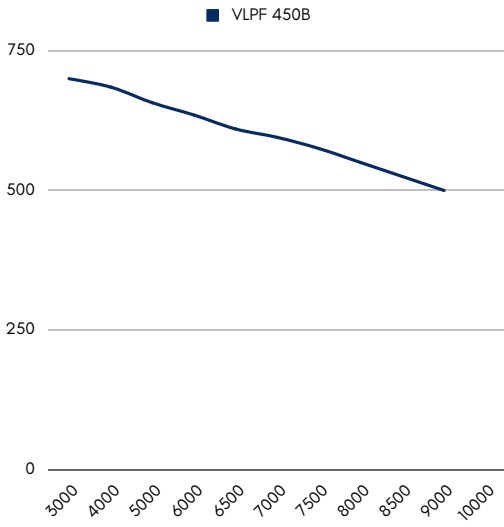
Model	Voltage (V)	Frequency (Hz)	Power (KW)	Speed (r.p.m)	Airflow (m³/h)	Current (A)	Pressure (pa)	Weight (kg)
VLPF 320	230 / 380	50	0,55	1450	3500	3,3/1,6	400	78
VLPF 350A	230 / 380	50	0,55	1450	3800	3,3/1,6	400	78
VLPF 350B	230 / 380	50	0,75	1450	5000	3,3/1,6	400	78
VLPF 400A	230 / 380	50	0,75	1450	6000	5,4/1,2	400	91
VLPF 400B	230 / 380	50	1,10	1450	7000	7,2/2,2	400	98
VLPF 450A	230 / 380	50	1,10	1450	8000	7,2/2,2	400	98
VLPF 450B	230 / 380	50	1,50	1450	10000	9,8/3,5	500	104
VLPF 500A	230 / 380	50	2,20	1450	10500	14/4,9	600	145
VLPF 500B	230 / 380	50	2,20	1450	12000	14/4,9	600	145
VLPF 500C	230 / 380	50	3,00	1450	13000	20/6,7	600	158
VLPF 550A	380	50	4,00	1450	15000	8,4	700	175
VLPF 550B	380	50	4,00	1450	16000	8,4	800	175
VLPF 630A	380	50	5,50	1450	18000	11,5	900	225
VLPF 630B	380	50	7,50	1450	20000	16	900	240
VLPF 630C	380	50	7,50	1450	22000	16	1000	240
VLPF 700A	380	50	11,00	1450	26000	21,3	1200	255
VLPF 700B	380	50	15,00	1450	30000	29,4	1300	325
VLPF 800A	380	50	18,50	1450	40000	34,5	1200	375
VLPF 800B	380	50	22,00	1450	50000	43	1400	410



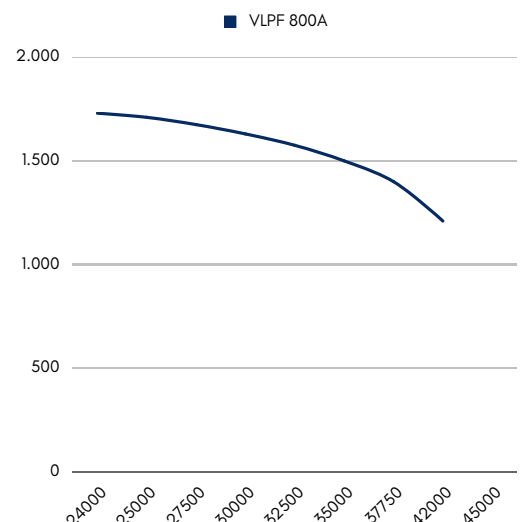
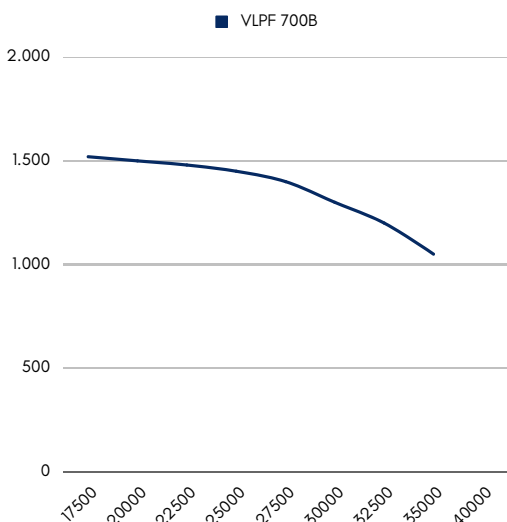
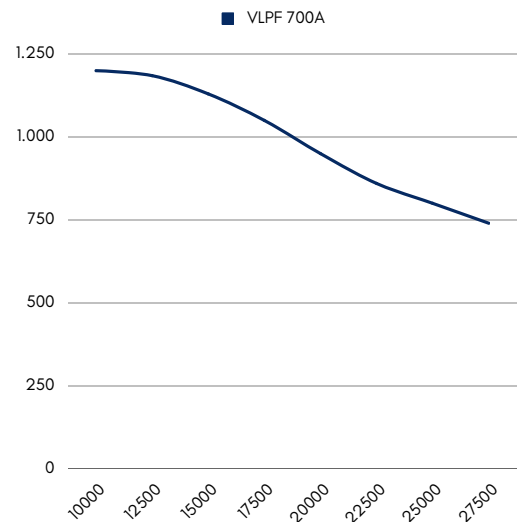
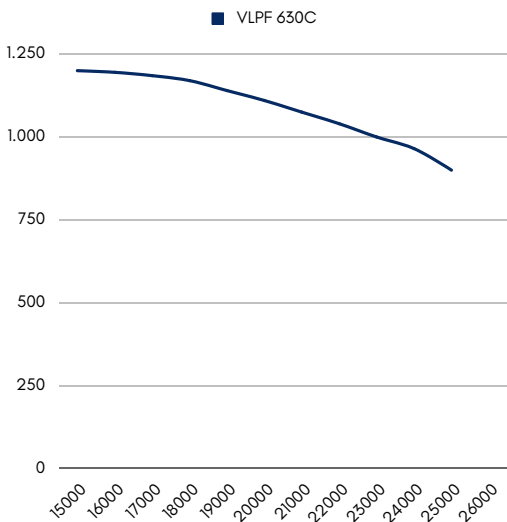
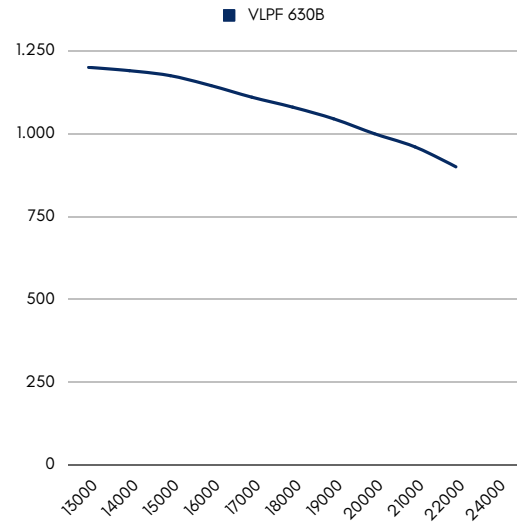
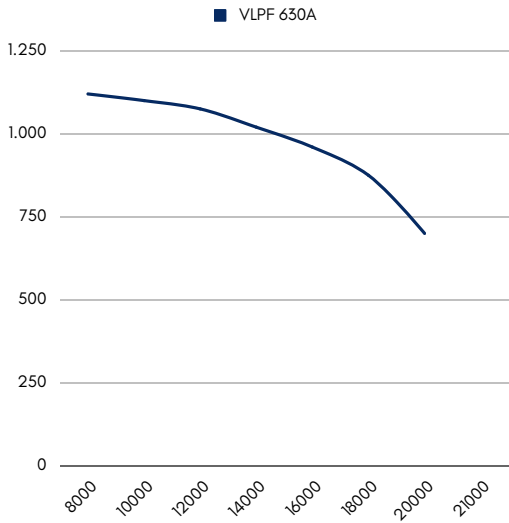
Model	A	B	C	D	ØF
VLPF 320	665	550	200	260	300
VLPF 350A	720	600	250	280	320
VLPF 350B	720	600	250	280	320
VLPF 400A	820	685	270	330	350
VLPF 400B	820	685	270	330	350
VLPF 450A	840	700	270	370	400
VLPF 450B	840	700	270	370	400
VLPF 500A	850	785	330	410	450
VLPF 500B	850	785	330	410	450
VLPF 500C	850	785	330	410	450
VLPF 550A	950	850	350	450	500
VLPF 550B	950	850	350	450	500
VLPF 630A	1070	990	400	520	650
VLPF 630B	1070	990	400	520	650
VLPF 630C	1070	990	400	520	650
VLPF 700A	1240	1130	500	570	750
VLPF 700B	1240	1130	500	570	750
VLPF 800A	1425	1215	550	560	900
VLPF 800B	1425	1215	580	560	900

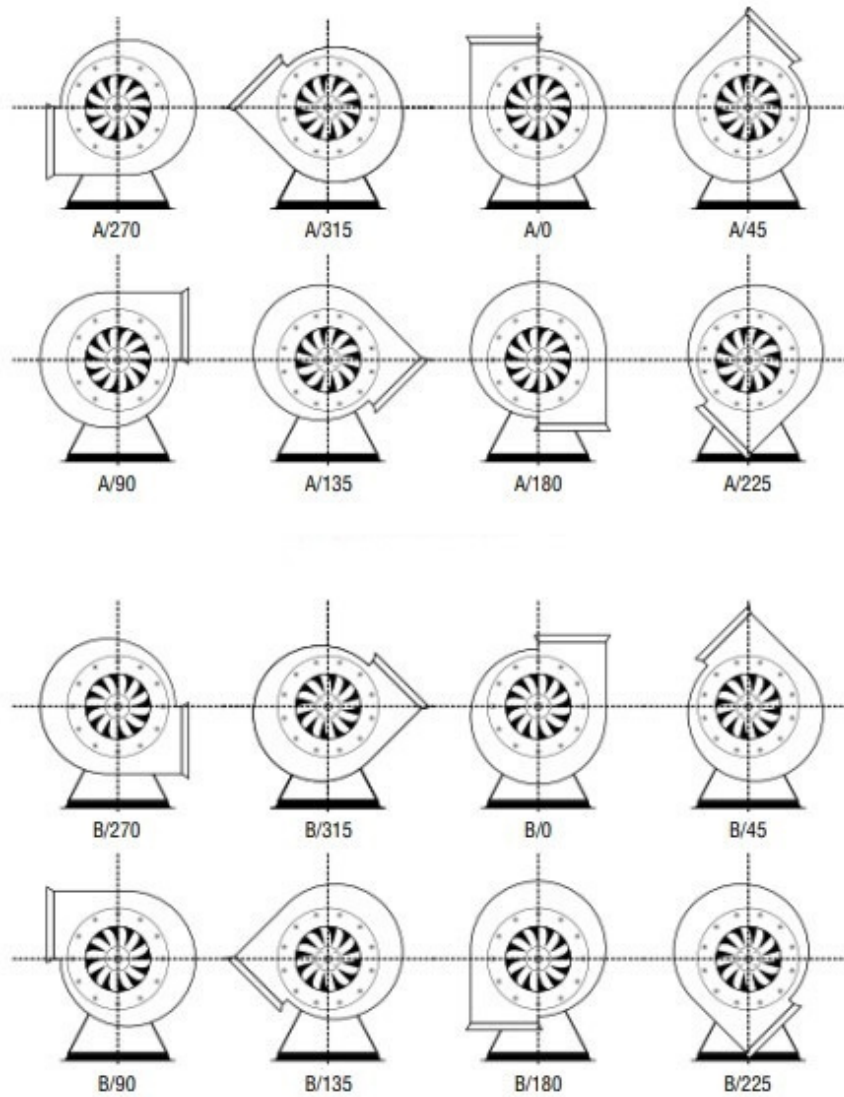
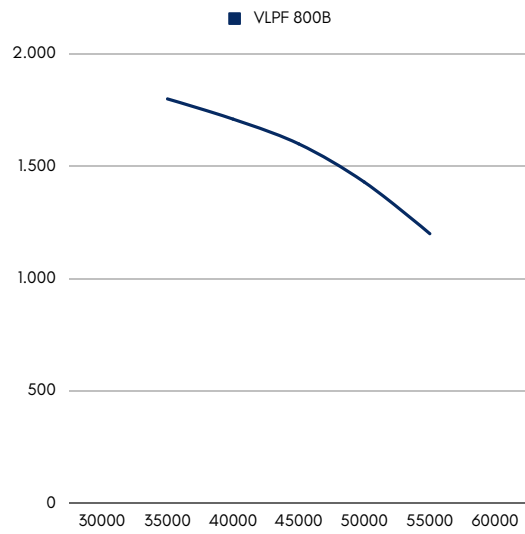
RADIAL FANS / Low Pressure Centrifugal Fans





RADIAL FANS / Low Pressure Centrifugal Fans





VMPF

Medium Pressure Centrifugal Fan



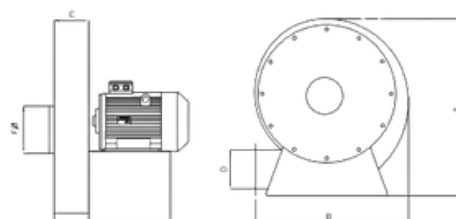
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK, WAT
BODY MATERIAL	DKP STEEL SHEET
BODY COATING	ELECTROSTATIC POWDER COATING
IMPELLER MATERIAL	DKP STEEL SHEET
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

Collecting dust ventilation, also known as dust collection or dust extraction, is a process used in various industrial and commercial settings to remove airborne dust and particulate matter from the environment, ensuring cleaner air and a safer working environment.

Efficient dust collection and ventilation systems are crucial for various industries, including woodworking, metalworking, pharmaceuticals, food processing, and many others where dust and particulate matter are generated during production processes. Proper design, installation, and maintenance of these systems are essential to maximize their effectiveness.

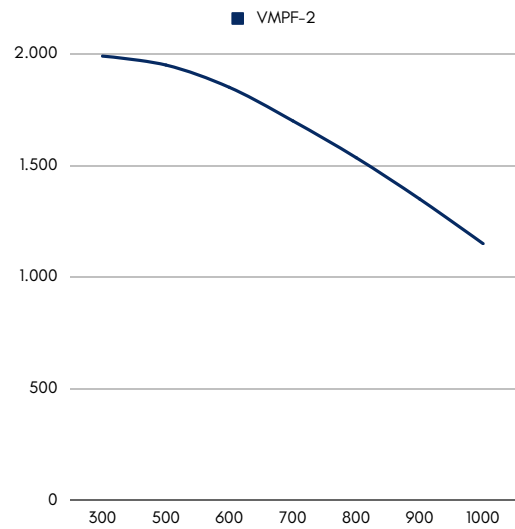
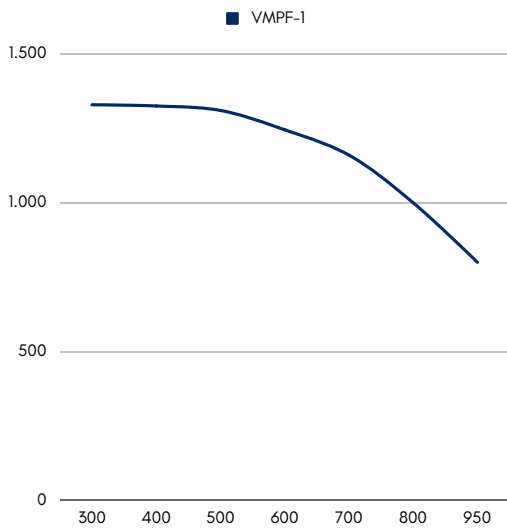
Model	Voltage (V)	Frequency (Hz)	Power (KW)	Speed (r.p.m)	Airflow (m³/h)	Current (A)	Pressure (Max.pa)	Weight (kg)
VMPF-1	230 / 380	50	0,37	2800	950	2.5/1.1	1300	24,5
VMPF-2	230 / 380	50	0,75	2800	1000	5/1.8	2000	31
VMPF-3	230 / 380	50	1,10	2800	1300	7.1/2.4	3000	35
VMPF-4	230 / 380	50	1,50	2800	1600	10/3.4	3500	42
VMPF-5	230 / 380	50	2,20	2800	1900	13/4.6	4000	45
VMPF-6	230 / 380	50	3,00	2800	2200	17.8/6	4500	56
VMPF-7	380	50	4,00	2800	2500	8	5000	64
VMPF-8	380	50	5,50	2800	3000	10.5	6000	85
VMPF-9	380	50	7,50	2800	4000	14	7250	98
VMPF-10	380	50	11,00	2800	6000	20	8000	130

DRAWING

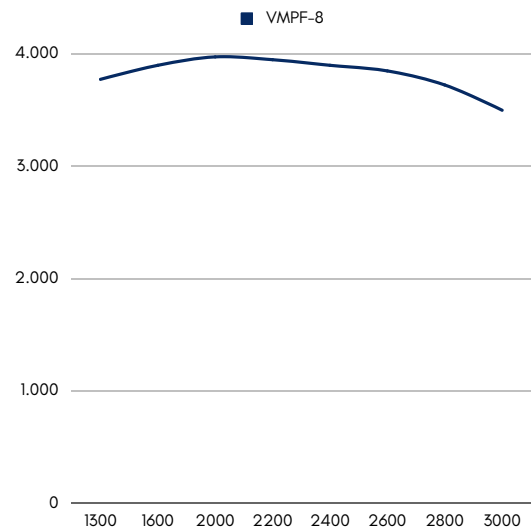
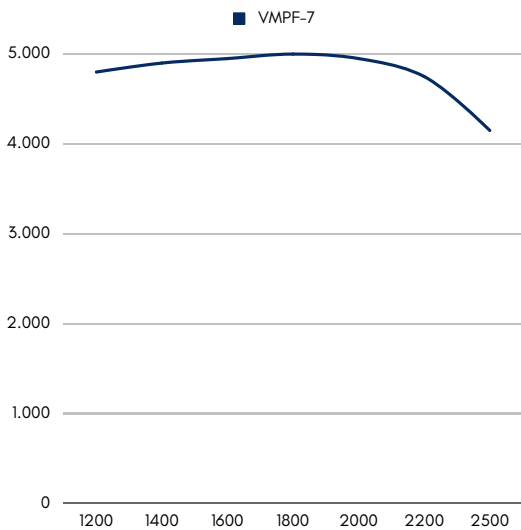
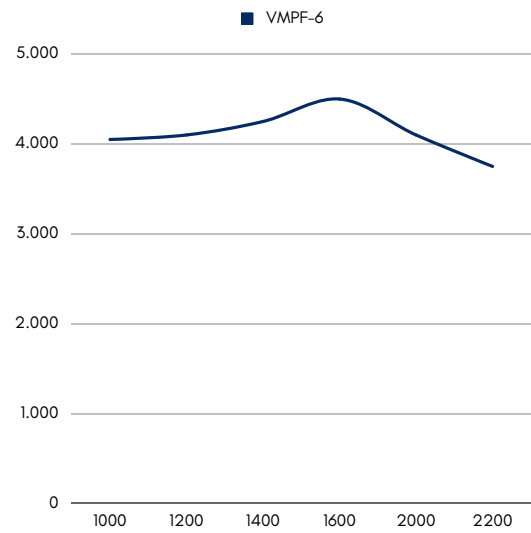
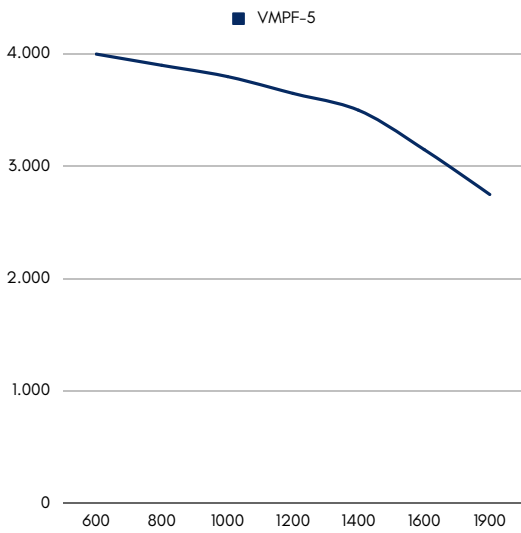
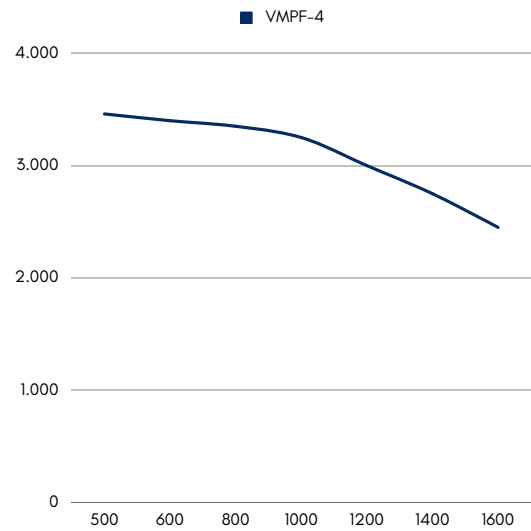
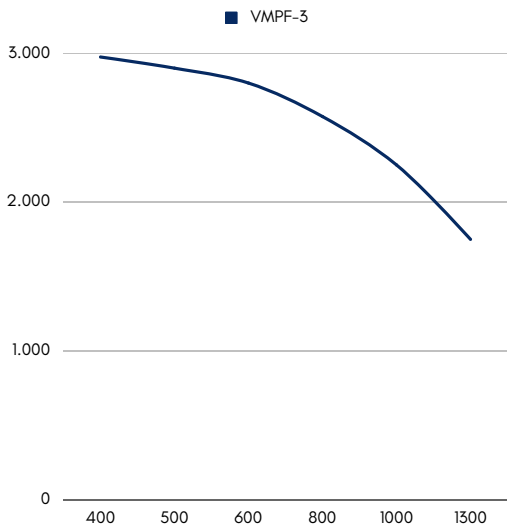


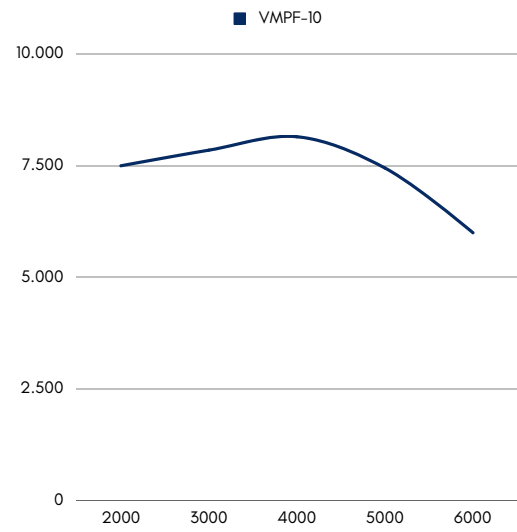
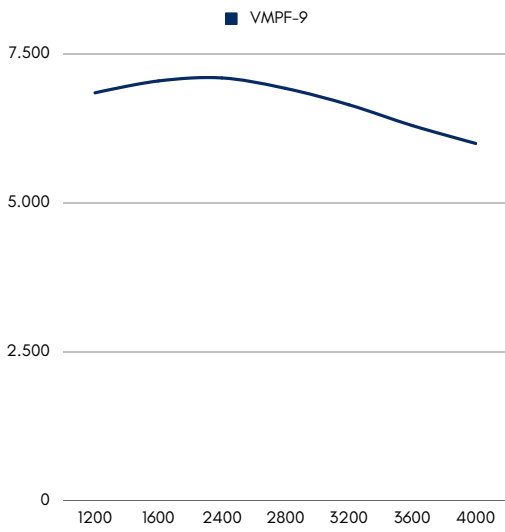
Model	A	B	C	D	ØF
VMPF-1	410	500	100	100	100
VMPF-2	500	580	100	100	120
VMPF-3	530	610	100	100	120
VMPF-4	530	620	120	120	140
VMPF-5	590	650	120	120	140
VMPF-6	660	700	150	150	150
VMPF-7	670	720	150	150	150
VMPF-8	750	780	150	150	150
VMPF-9	790	820	180	180	180
VMPF-10	830	790	200	200	220

PERFORMANCE CURVES



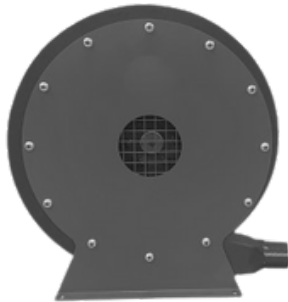
RADIAL FANS / Medium Pressure Centrifugal Fans





VHPF

High Pressure Centrifugal Fan



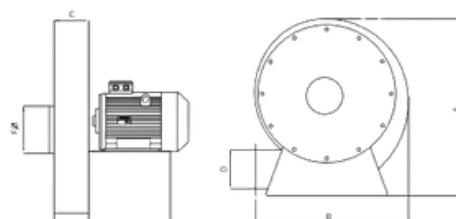
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK, WAT
BODY MATERIAL	DKP STEEL SHEET
BODY COATING	ELECTROSTATIC POWDER COATING
IMPELLER MATERIAL	DKP STEEL SHEET
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

High-pressure radial fans, also known as high-pressure centrifugal fans or radial blowers, are mechanical devices designed to generate high-pressure air or gas flow through a radial (outward) movement of air. These fans are specifically engineered to deliver air or gas at elevated pressures, making them suitable for a variety of industrial applications.

High-pressure radial fans play a critical role in many industrial processes and manufacturing operations where the movement of air or gas at elevated pressures is required. Their ability to deliver high static pressure airflow makes them indispensable in various applications, and they are designed to meet the specific requirements of each industrial setting.

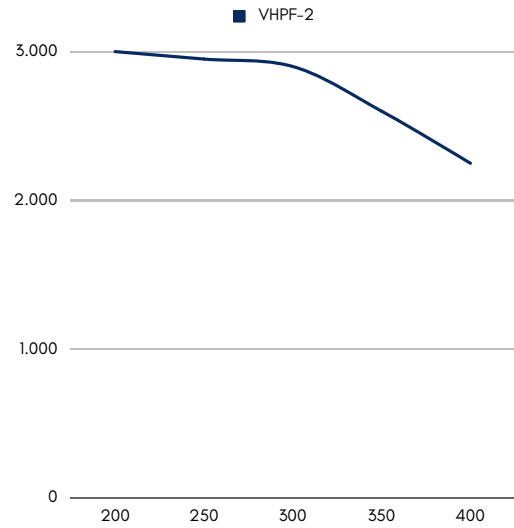
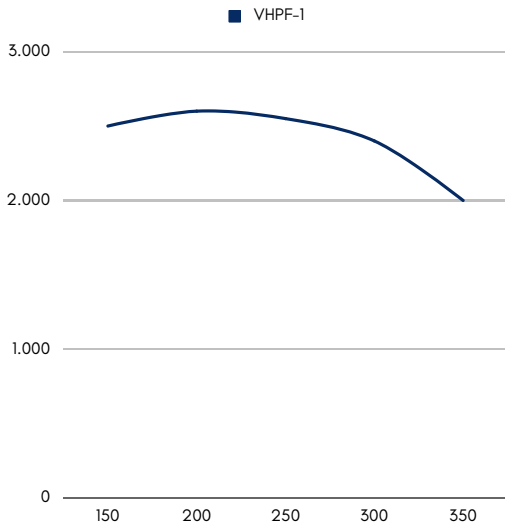
Model	Voltage (V)	Frequency (Hz)	Power (KW)	Speed (r.p.m)	Airflow (m³/h)	Current (A)	Pressure (Max.pa)	Weight (kg)
VHPF-1	230 / 380	50	0,37	2800	350	2.5/1.05	2500	21
VHPF-2	230 / 380	50	0,75	2800	400	5/1.78	3000	28
VHPF-3	230 / 380	50	1,10	2800	450	7.1/2.4	4000	41
VHPF-4	230 / 380	50	1,50	2800	500	10/3.3	4500	47
VHPF-5	230 / 380	50	2,20	2800	600	13/4.4	5000	57
VHPF-6	230 / 380	50	3,00	2800	1000	17.8/5.7	7000	62
VHPF-7	380	50	4,00	2800	1200	8	8000	69
VHPF-8	380	50	5,50	2800	1300	10.5	9000	108
VHPF-9	380	50	7,50	2800	1500	13.5	10000	135
VHPF-10	380	50	11,00	2800	1700	16	11000	160

DRAWING

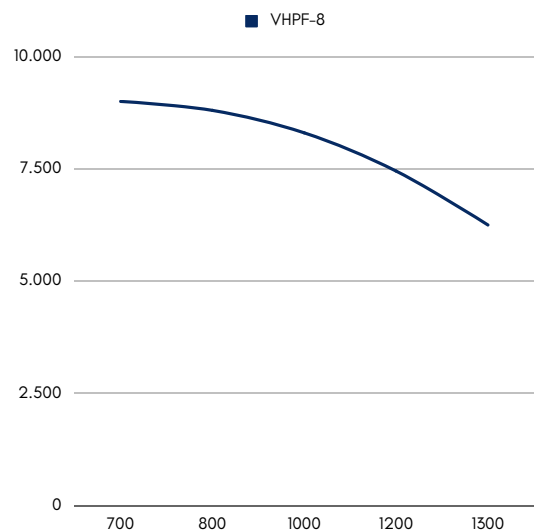
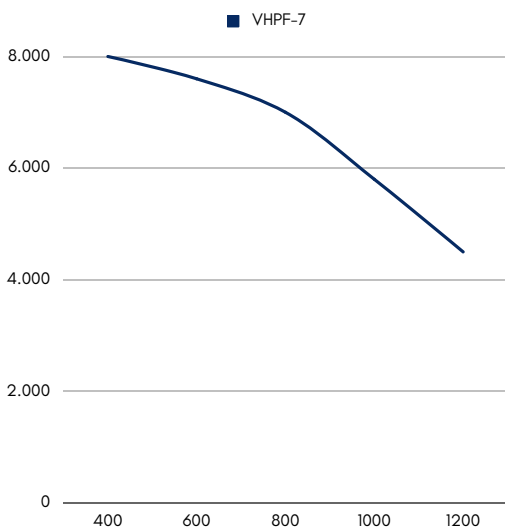
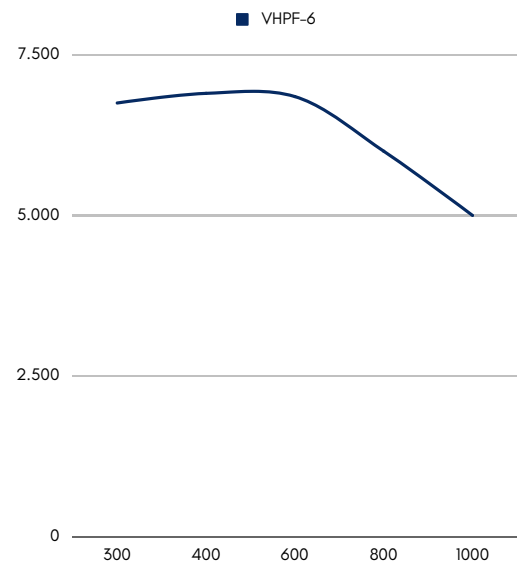
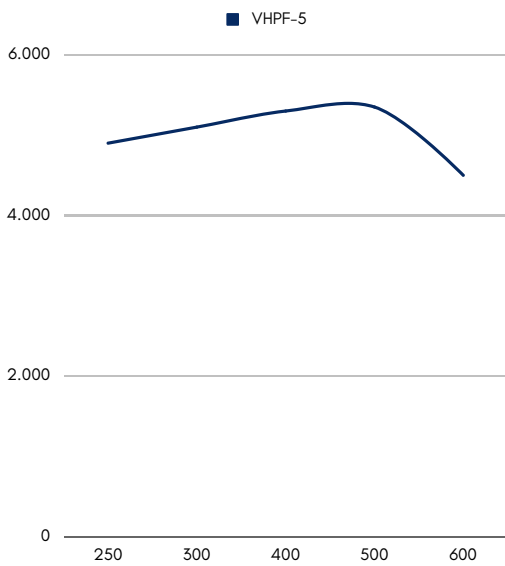
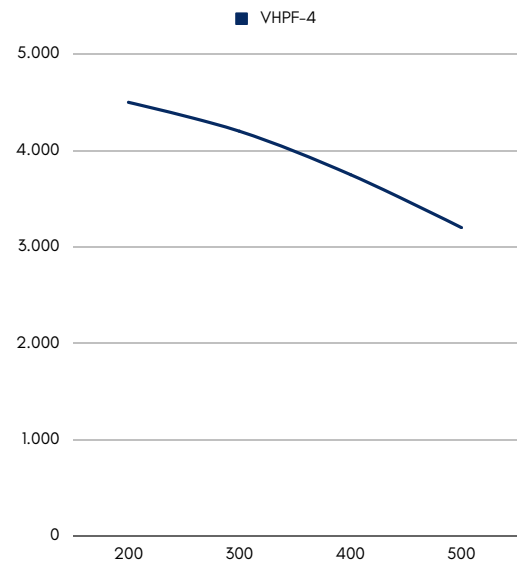
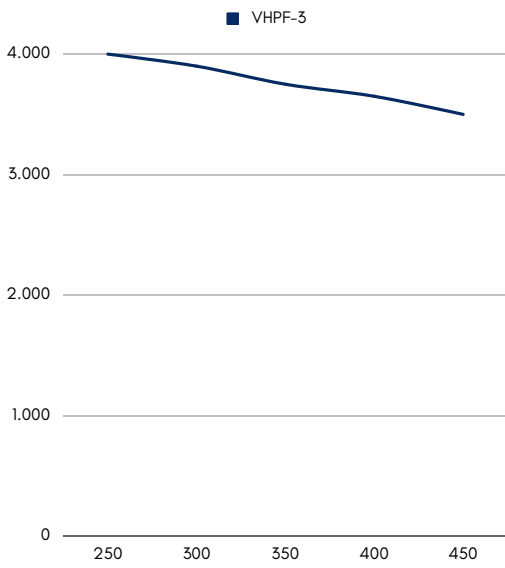


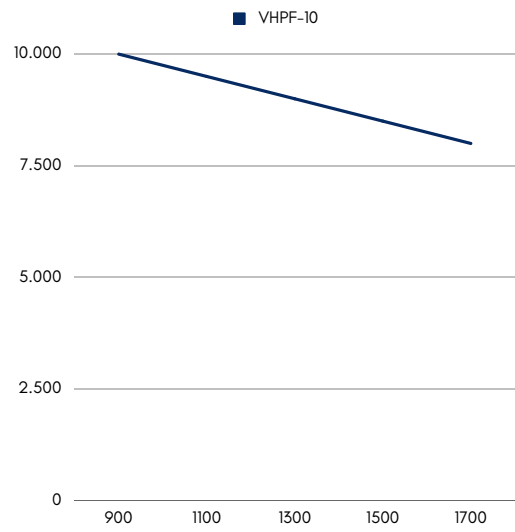
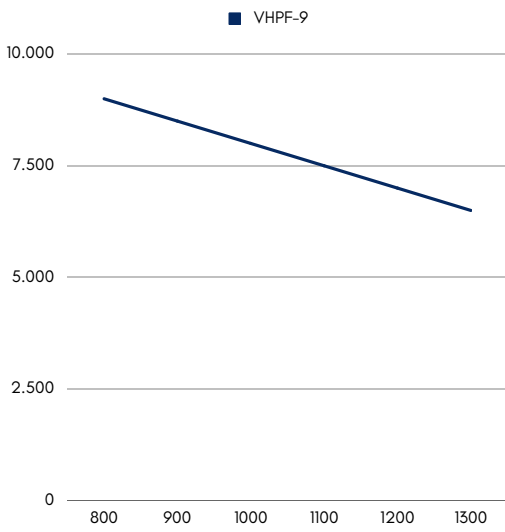
Model	A	B	C	D	ØF
VHPF-1	470	510	70	70	130
VHPF-2	590	630	70	70	130
VHPF-3	600	620	70	70	130
VHPF-4	630	710	70	70	130
VHPF-5	680	65720	80	80	130
VHPF-6	720	710	80	80	150
VHPF-7	750	820	80	80	150
VHPF-8	810	780	100	100	150
VHPF-9	870	870	100	100	150
VHPF-10	1000	1000	110	110	160

PERFORMANCE CURVES



RADIAL FANS / Single Inlet Blower Fans





VBRF

Bathroom Extractor Fan



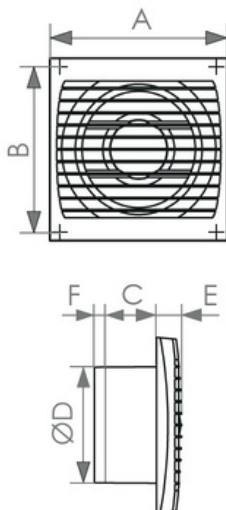
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 25
MOTOR EFFICIENCY CLASS	IE2
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	-
BODY MATERIAL	ABS PLASTIC
BODY COATING	ABS PLASTIC
IMPELLER MATERIAL	ABS PLASTIC
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A bathroom fan, also known as an exhaust fan or ventilation fan, is a device designed to remove moisture, odors, and impure air from a bathroom. These fans play a crucial role in maintaining good indoor air quality and preventing issues such as mold and mildew growth due to excess humidity.

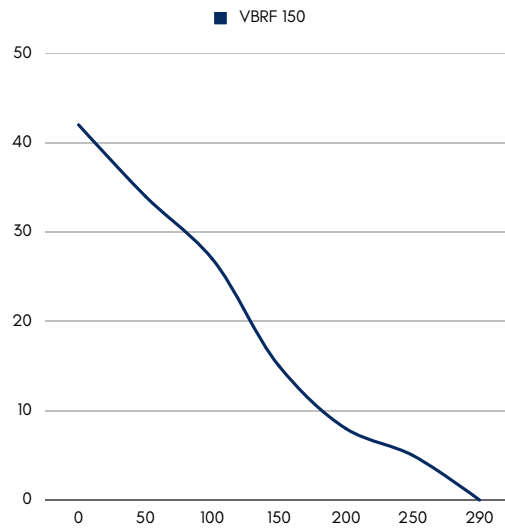
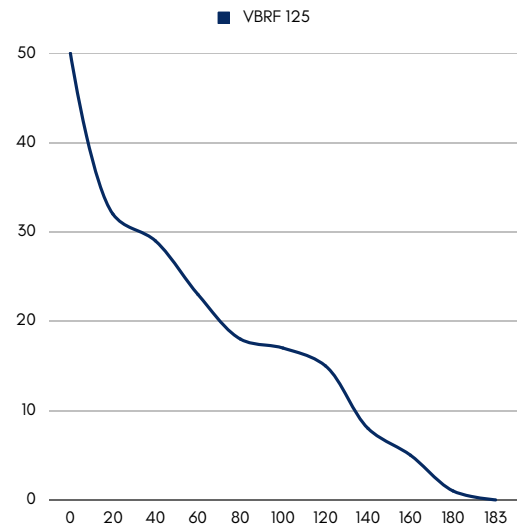
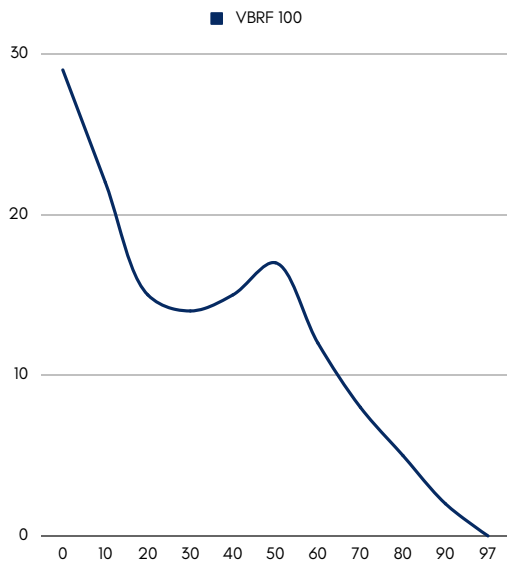
Bathroom fans are a valuable addition to any bathroom, contributing to a more comfortable and healthy living environment. They are available in various styles and sizes, making it possible to choose a fan that suits the specific needs and aesthetics of your bathroom.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VBRF 100	230	50	14	0,10	2800	97	35	0,5
VBRF 125	230	50	16	0,13	2800	183	36	0,6
VBRF 150	230	50	16	0,32	2800	290	38	1

DRAWING



Model	A	B	C	D	E	F
VBRF 100	150	135	55	100	22	7
VBRF 120	175	160	61	125	23	8,5
VBRF 150	200	185	62	150	24	10



VBDF

Inline Bathroom Extractor Fan



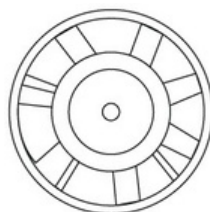
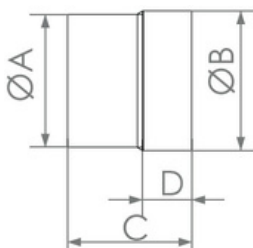
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 25
MOTOR EFFICIENCY CLASS	IE2
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	-
BODY MATERIAL	ABS PLASTIC
BODY COATING	ABS PLASTIC
IMPELLER MATERIAL	ABS PLASTIC
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A bathroom fan, also known as an exhaust fan or ventilation fan, is a device designed to remove moisture, odors, and impure air from a bathroom. These fans play a crucial role in maintaining good indoor air quality and preventing issues such as mold and mildew growth due to excess humidity.

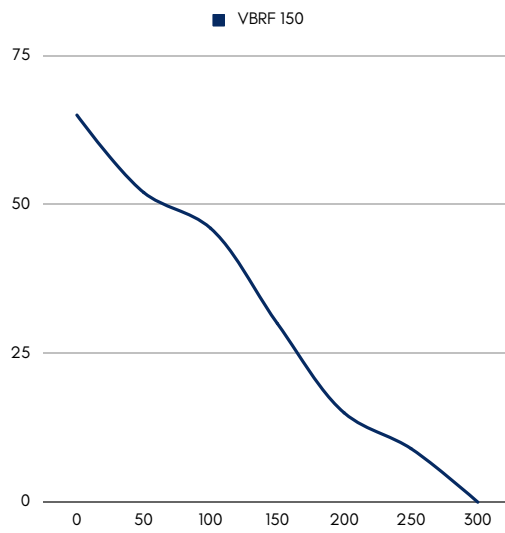
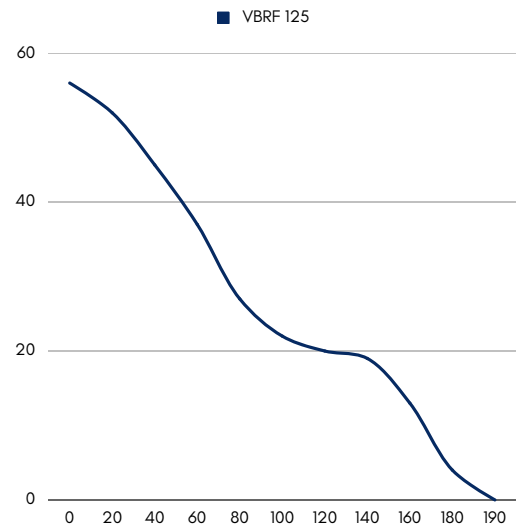
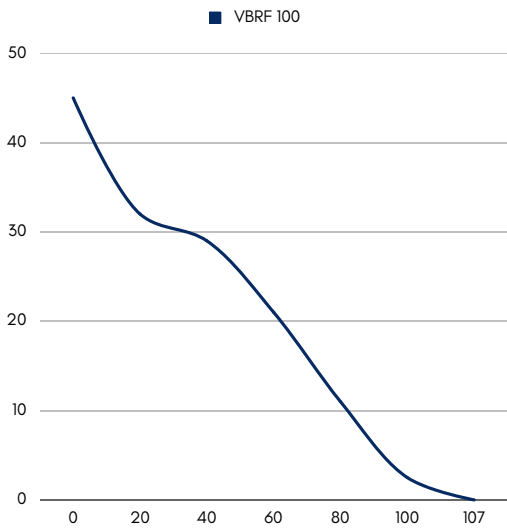
Bathroom fans are a valuable addition to any bathroom, contributing to a more comfortable and healthy living environment. They are available in various styles and sizes, making it possible to choose a fan that suits the specific needs and aesthetics of your bathroom.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)
VBDF 100	230	50	14	0,10	2800	107	35	0,5
VBDF 125	230	50	18	0,13	2800	190	36	0,6
VBDF 150	230	50	22	0,32	2800	300	38	1

DRAWING

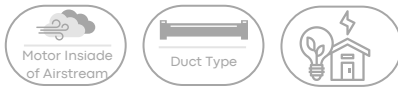


Model	A	B	C	D
VBDF 100	100	103	80	30
VBDF 120	125	128	87	30
VBDF 150	150	153	101	35



VHRU

Heat Recovery Unit



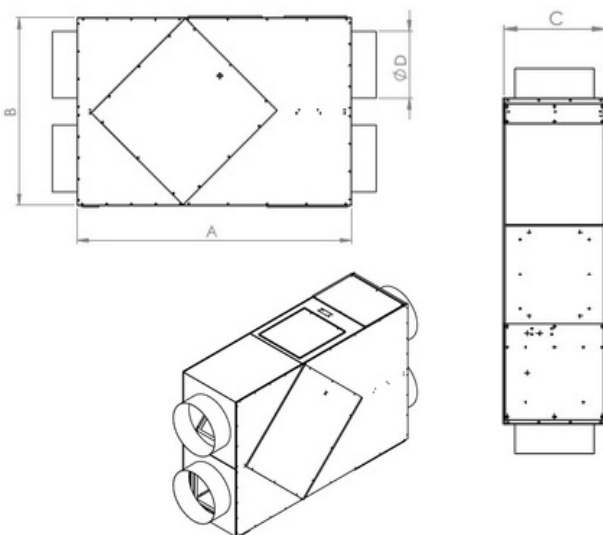
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	NONE
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A Heat Recovery Unit (HRU), also known as a Heat Recovery Ventilator (HRV) or Energy Recovery Ventilator (ERV), is an energy-efficient ventilation system used in residential, commercial, and industrial buildings. The primary function of an HRU is to provide controlled ventilation while minimizing the energy loss associated with traditional ventilation methods.

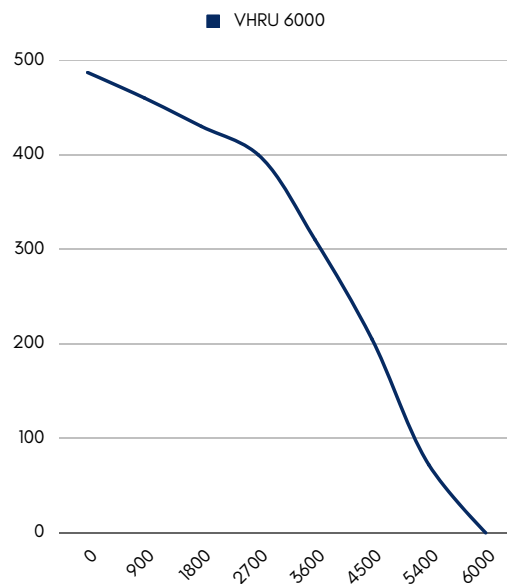
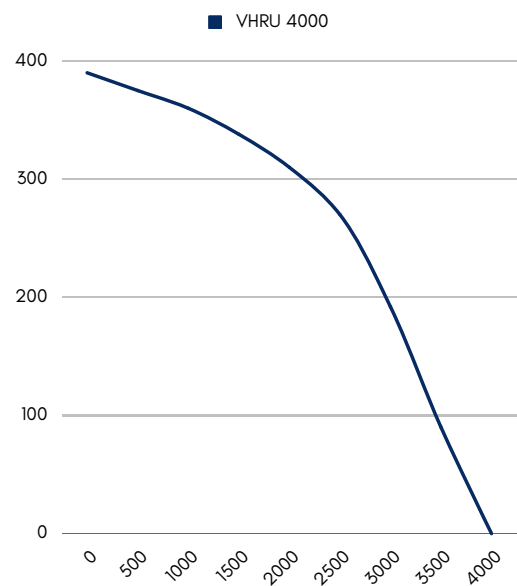
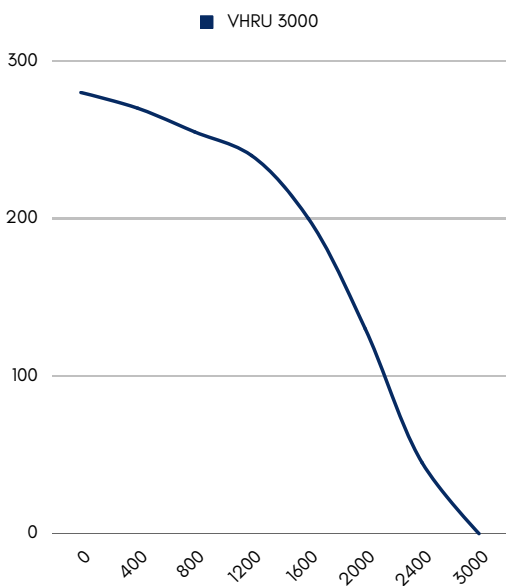
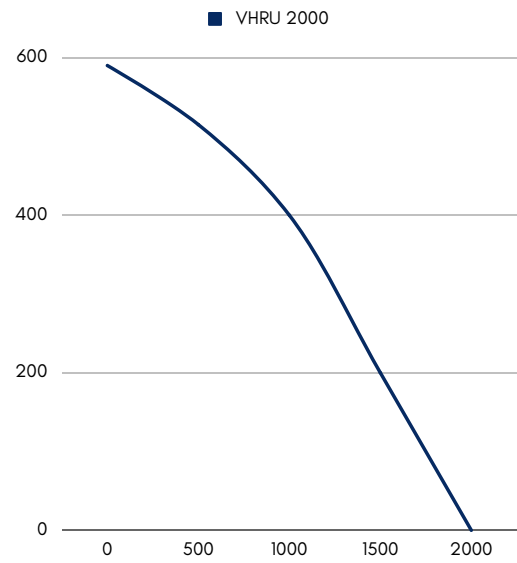
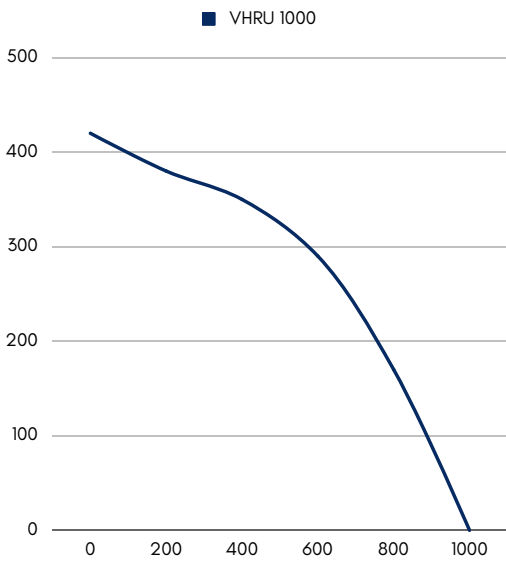
The choice between HRV and ERV depends on the local climate and the specific needs of the building. Heat Recovery Units are an integral part of modern energy-efficient building designs and play a critical role in providing healthy, comfortable, and sustainable indoor environments.

Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m ³ /h)	Sound Pressure dB(A)	Weight (kg)	Electrical Heater
VHRU 1000	230	50	250	2668	1000	50	65	3,00 kw
VHRU 2000	230	50	400	2396	2000	48	85	6,00 kw
VHRU 3000	230	50	780	1465	3000	49	126	9,00 kw
VHRU 4000	230	50	1300	1410	4000	51	140	12,00 kw
VHRU 6000	230	50	1700	1380	6000	58	150	15,00 kw

DRAWING



Model	A	B	C	D
VHRU 1000	967	760	320	250
VHRU 2000	1150	980	405	305
VHRU 3000	1540	1130	505	355
VHRU 4000	1650	1130	520	400
VHRU 6000	1850	1230	550	450



VLF-CP

Axial Carpark Jetfan



MOTOR INSULATION CLASS	H CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEAO
MOTOR BRAND	WEG, GAMAK, WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	EN 12101-3:2015, ISO 1940-1



An axial carpark jetfan is a specialized ventilation fan system designed for use in parking garages and underground parking facilities. These fans are used to provide adequate ventilation and air circulation within the parking area to maintain air quality, remove harmful exhaust fumes, and control temperature and humidity levels.

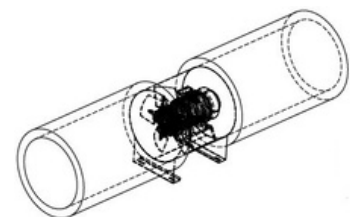
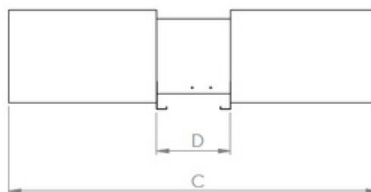
It's important to note that regulations and requirements for carpark ventilation systems can vary by location and building codes. Therefore, the design and installation of axial carpark jetfans should adhere to local regulations and safety standards to ensure the safety and well-being of parking garage users.

OPTIONAL



Model	Thrust (N)	Power (kW)	Air Speed (m/s)	Airflow (m ³ /h)	Speed (r.p.m)	Noise Level dB(A)
VLF-CP 315	24 / 6	0,20-0,80	8,3-16,6	2320-4640	1450-2900	71-85
VLF-CP 355	40 / 10	0,37-1,50	9,4-18,8	3360-6720	1450-2900	74-87
VLF-CP 400	68 / 17	0,50-2,20	10,7-21,4	4835-9670	1450-2900	76-90
VLF-CP 450	104 / 26	0,80-3,10	11,8-23,6	6745-13490	1450-2900	79-93
VLF-CP 500	152 / 38	1,10-4,40	12,7-25,4	8950-17900	1450-2900	81-95

DRAWING



DRAWING

Model	A	B	C	D	E
VLF-CP 315	315	415	2000	400	300
VLF-CP 355	355	455	2000	400	330
VLF-CP 400	400	500	2000	400	350
VLF-CP 450	450	550	2000	400	450
VLF-CP 500	500	600	2000	400	450



VLF-CC

Centrifugal Induction Fan



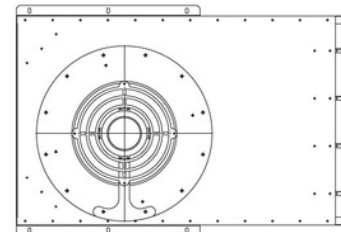
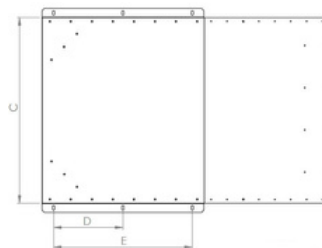
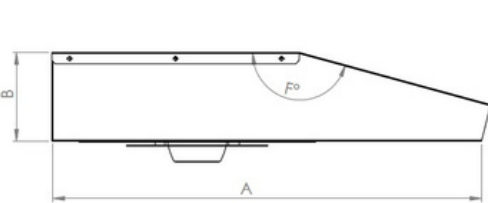
MOTOR INSULATION CLASS	H CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEAO
MOTOR BRAND	WEG, GAMAK, WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	EN 12101-3:2015, ISO 1940-1

Centrifugal car park jet fans, also known as car park jet ventilation fans, are a type of mechanical ventilation system used in enclosed or underground car parks to improve air quality, control pollution, and remove hazardous fumes, especially in the event of a fire. These fans are designed to create airflow patterns that help prevent the buildup of smoke and toxic gases in the event of a fire, allowing for safer evacuation and firefighting operations.

Car park jet ventilation systems are an important component of fire safety in enclosed parking structures, and their proper design, installation, and maintenance are essential for protecting lives and property during emergencies. Consulting with experts in fire protection and mechanical ventilation is essential when implementing such systems.

Model	Thrust (N)	Power (kW)	Air Speed (m/s)	Airflow (m ³ /h)	Speed (r.p.m)	Noise Level dB(A)
VLF-CC / 50N	50 / 13	0,30-1,20	10,0-20,0	2850-5760	750-1500	38-54
VLF-CC / 70N	70 / 19	0,55-2,20	12,2-24,4	3500-7009	750-1500	43-58
VLF-CC / 90N	90 / 25	0,55-2,20	13,3-26,6	3800-7641	750-1500	46-62

DRAWING



Model	A	B	C	D	E	F°
VLF-CC / 50N	1215	250	800	300	600	165
VLF-CC / 70N	1300	300	840	300	600	165
VLF-CC / 90N	1300	300	840	300	600	163

VLF-TS

Axial Smoke Exhaust Fan



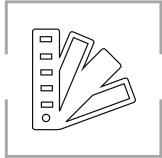
MOTOR INSULATION CLASS	H CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEAO
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	EN 12101-3:2015, ISO 1940-1

An axial smoke exhaust fan is a type of ventilation fan designed specifically for smoke extraction in the event of a fire or other emergency situation. These fans are an essential component of a building's fire safety system, as they help remove smoke and toxic gases from the building, improving visibility and aiding in the safe evacuation of occupants.

These fans are typically installed in various locations within a building, such as stairwells, corridors, and other escape routes, to facilitate the removal of smoke and maintain a safe environment during a fire or similar emergency. They work in conjunction with other fire safety systems like smoke detectors, fire alarms, and sprinklers to enhance overall building safety.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-TS 450/5-25	380 / 400	50/60	0,55	1456	4180	69
VLF-TS 500/5-25	380 / 400	50/60	0,55	1453	5845	72
VLF-TS 560/5-25	380 / 400	50/60	0,75	1466	8150	75
VLF-TS 630/5-30	380 / 400	50/60	1,10	1465	13480	80
VLF-TS 710/5-30	380 / 400	50/60	1,40	1472	19210	83
VLF-TS 800/5-30	380 / 400	50/60	2,20	1459	25560	85
VLF-TS 800/5-35	380 / 400	50/60	3,00	1463	30940	89
VLF-TS 900/5-35	380 / 400	50/60	4,00	1471	39250	90
VLF-TS 900/5-40	380 / 400	50/60	5,50	1472	44635	93
VLF-TS 900/8-40	380 / 400	50/60	11,00	1454	46200	94
VLF-TS 1000/5-40	380 / 400	50/60	7,50	1478	54570	94
VLF-TS 1000/8-40	380 / 400	50/60	15,00	1456	62250	97
VLF-TS 1000/8-45	380 / 400	50/60	18,50	1458	69070	99
VLF-TS 1120/8-40	380 / 400	50/60	22,00	1471	86620	100
VLF-TS 1120/8-45	380 / 400	50/60	30,00	1474	95270	102

OPTIONS



Electro-static Powder Coating With Any RAL Color



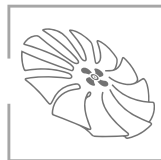
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation



5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

ACCESSORIES



Mounting Feet



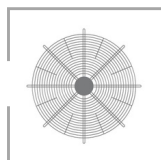
Vibration Isolator



Counter Flange



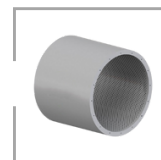
Connector



Protection Guard



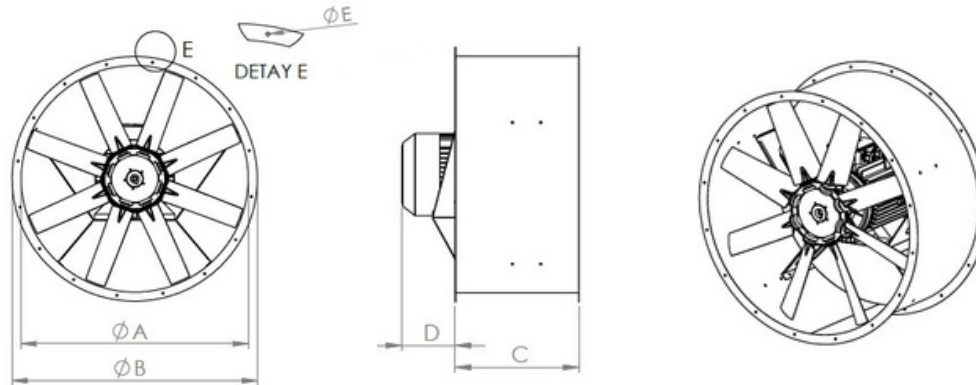
Back Draft Damper



Silencer

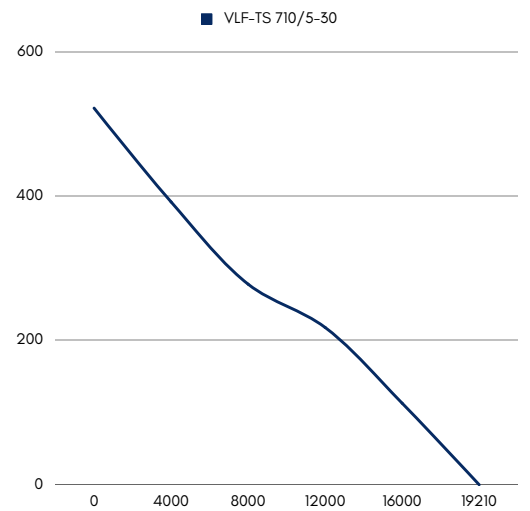
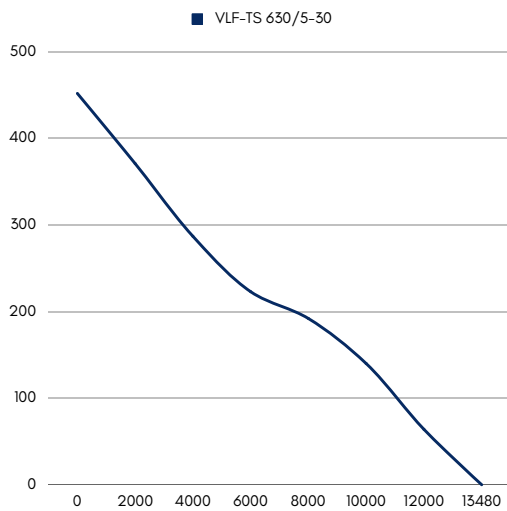
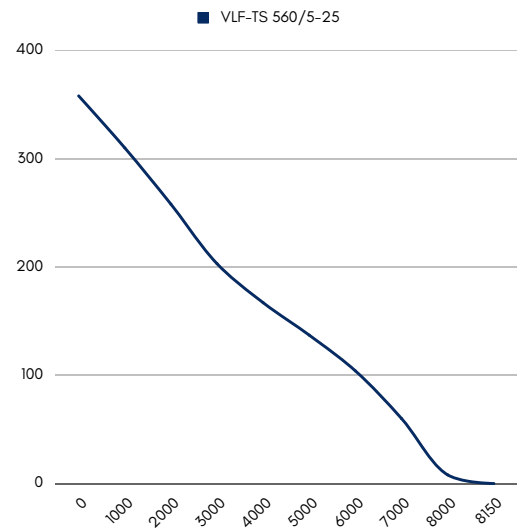
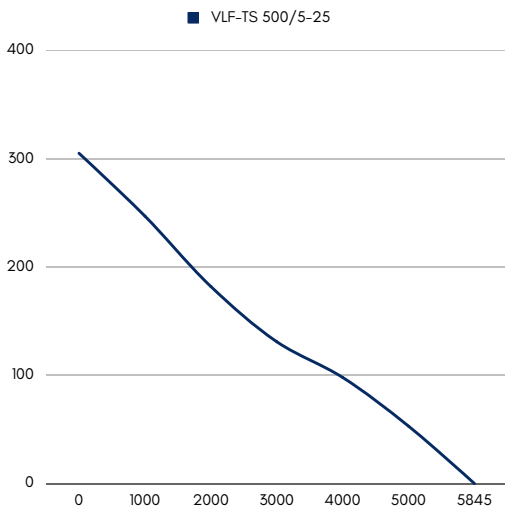
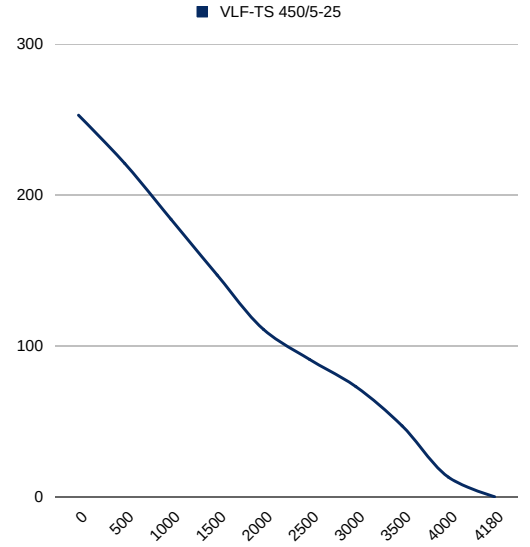
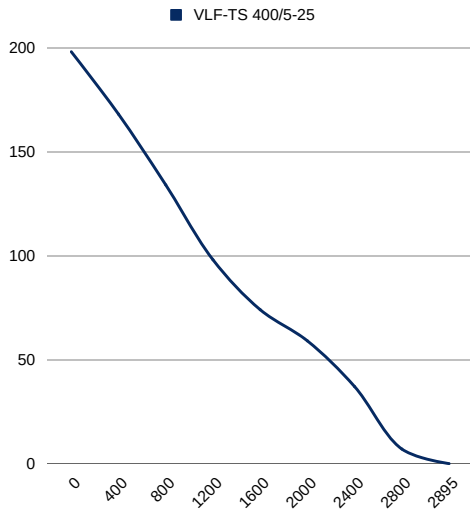


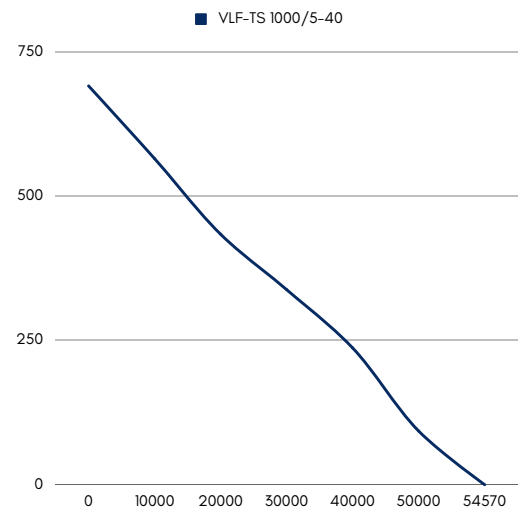
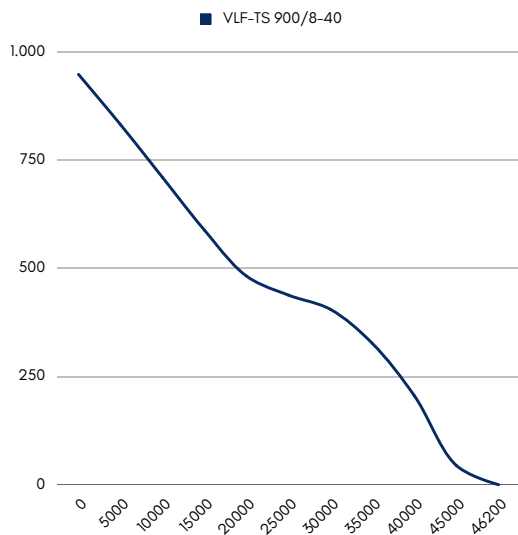
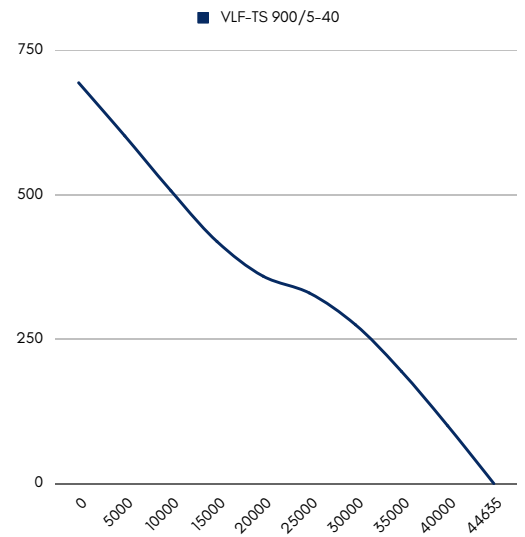
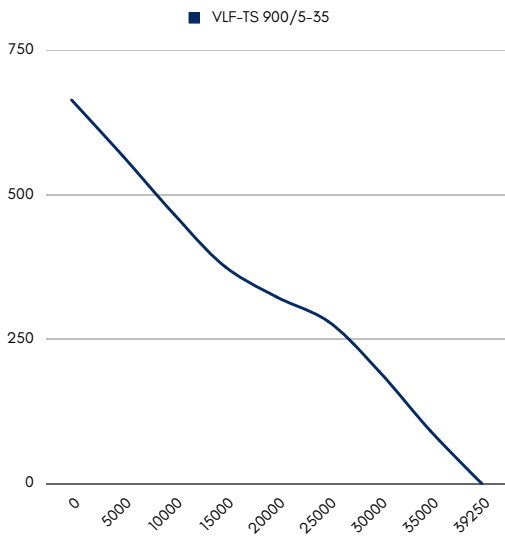
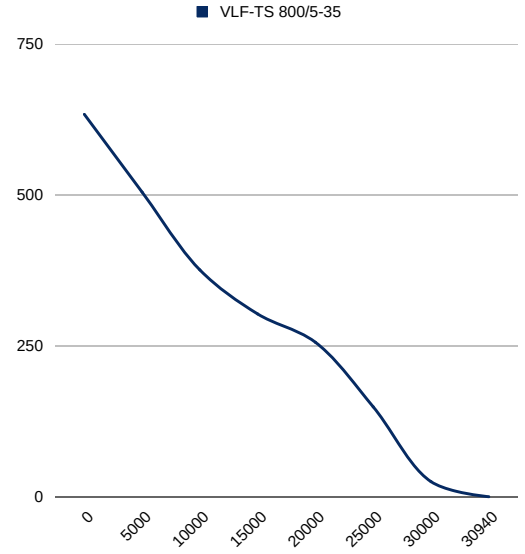
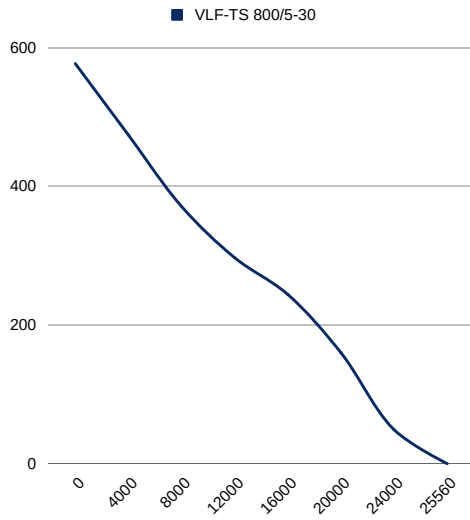
Frequency Inverter

DRAWINGS


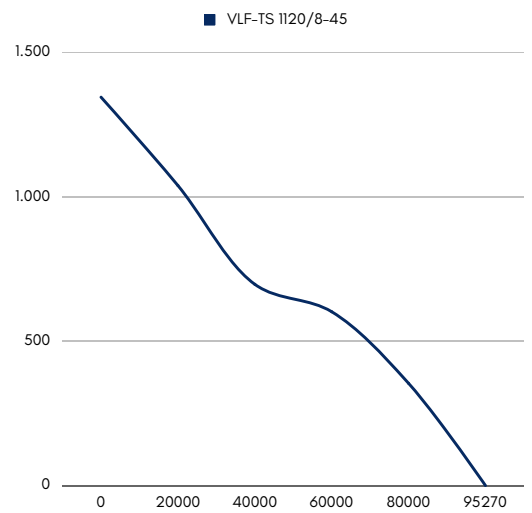
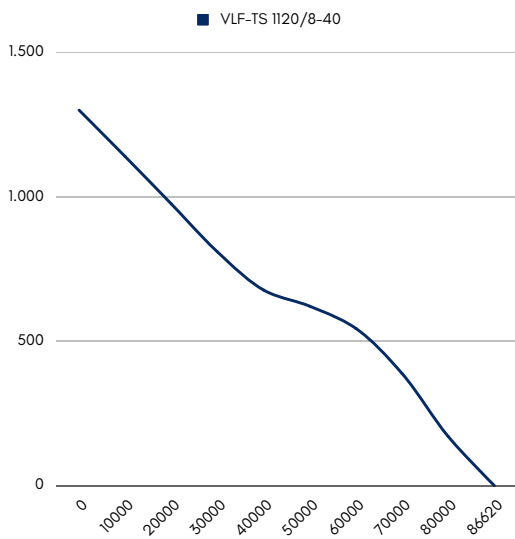
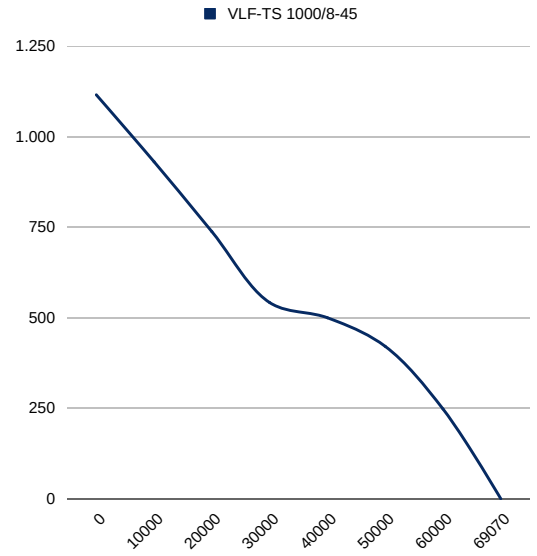
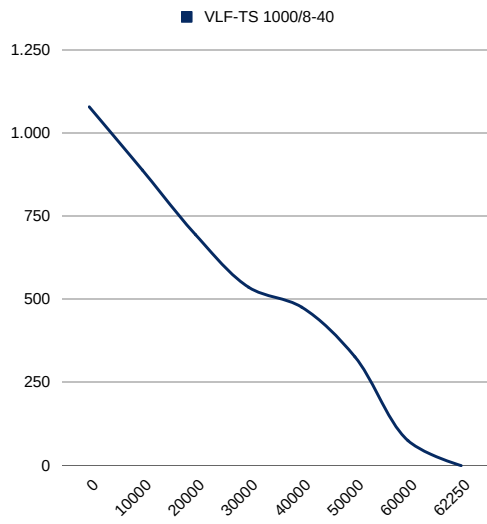
Model	A	B	C	D	E	(N) Screw Hole
VLF-TS 450/5-25	450	530	320	50	11	8
VLF-TS 500/5-25	500	580	320	70	11	8
VLF-TS 560/5-25	560	640	320	60	11	12
VLF-TS 630/5-30	630	710	420	45	11	12
VLF-TS 710/5-30	710	790	420	25	11	12
VLF-TS 800/5-30	800	880	420	50	11	16
VLF-TS 800/5-35	800	880	420	50	11	16
VLF-TS 900/5-35	900	980	520	0	11	16
VLF-TS 900/5-40	900	980	520	35	11	16
VLF-TS 900/8-40	900	980	520	150	11	16
VLF-TS 1000/5-40	1000	1080	520	75	11	16
VLF-TS 1000/8-40	1000	1080	520	180	11	16
VLF-TS 1000/8-45	1000	1080	520	250	11	16
VLF-TS 1120/8-40	1120	1200	520	250	11	16
VLF-TS 1120/8-45	1120	1200	520	300	11	16

SMOKE EXHAUST FANS / Axial Smoke Exhaust Fans





SMOKE EXHAUST FANS / Axial Smoke Exhaust Fans





VLF-BS

Box Type Axial Smoke Exhaust Fan



MOTOR INSULATION CLASS	H CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEAO
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	EN 12101-3:2015, ISO 1940-1

A box-type smoke exhaust fan, also known as a smoke extraction fan or smoke exhaust blower, is a mechanical ventilation device used in buildings to remove smoke and heat in the event of a fire. These fans are typically installed in the building structure or ductwork and play a crucial role in improving air quality, visibility, and overall safety during a fire emergency.

Box-type smoke exhaust fans are a critical component of a building's fire protection and safety system, helping to safeguard lives and property during fire emergencies. Proper design, installation, and maintenance of these systems are essential, and it's advisable to consult with fire safety experts and engineers to ensure compliance with safety standards and regulations.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-BS 400/5-25	380 / 400	50/60	0,37	1450	2895	66
VLF-BS 450/5-25	380 / 400	50/60	0,55	1456	4180	69
VLF-BS 500/5-25	380 / 400	50/60	0,55	1453	5845	72
VLF-BS 560/5-25	380 / 400	50/60	0,75	1466	8150	75
VLF-BS 630/5-30	380 / 400	50/60	1,10	1465	13480	80
VLF-BS 710/5-30	380 / 400	50/60	1,40	1472	19210	83
VLF-BS 800/5-30	380 / 400	50/60	2,20	1459	25560	85
VLF-BS 800/5-35	380 / 400	50/60	3,00	1463	30940	89
VLF-BS 900/5-35	380 / 400	50/60	4,00	1471	39250	90
VLF-BS 900/5-40	380 / 400	50/60	5,50	1472	44635	93
VLF-BS 900/8-40	380 / 400	50/60	11,00	1454	46200	94
VLF-BS 1000/5-40	380 / 400	50/60	7,50	1478	54570	94
VLF-BS 1000/8-40	380 / 400	50/60	15,00	1456	62250	97
VLF-BS 1000/8-45	380 / 400	50/60	18,50	1458	69070	99
VLF-BS 1120/8-40	380 / 400	50/60	22,00	1471	86620	100
VLF-BS 1120/8-45	380 / 400	50/60	30,00	1474	95270	102

OPTIONS



Electro-static Powder Coating With Any RAL Color



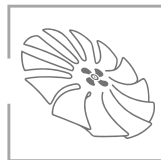
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation



5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

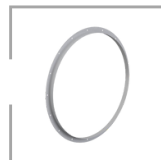
ACCESSORIES



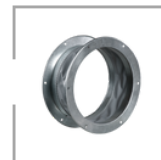
Mounting Feet



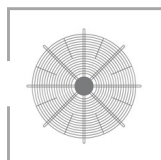
Vibration Isolator



Counter Flange



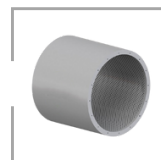
Connector



Protection Guard



Back Draft Damper

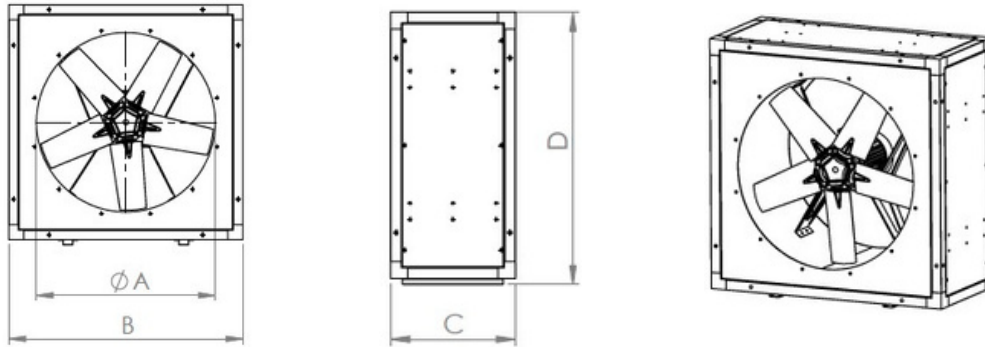


Silencer



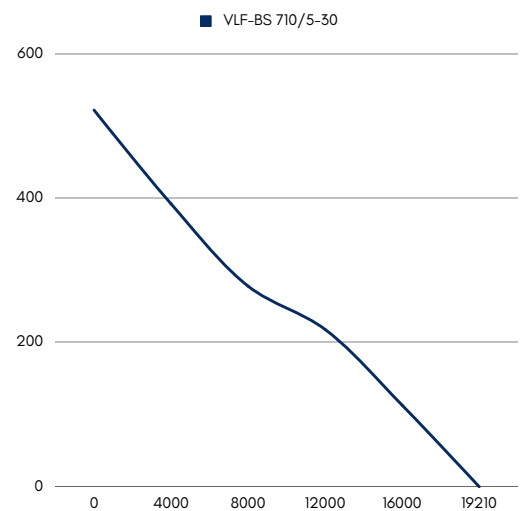
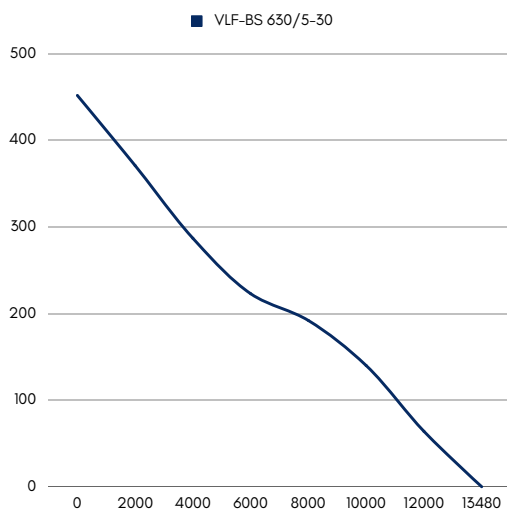
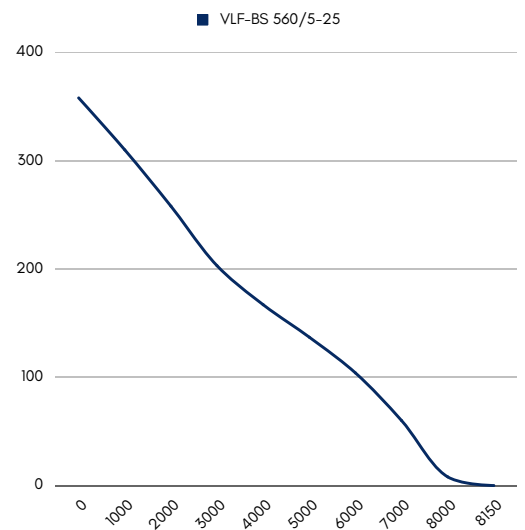
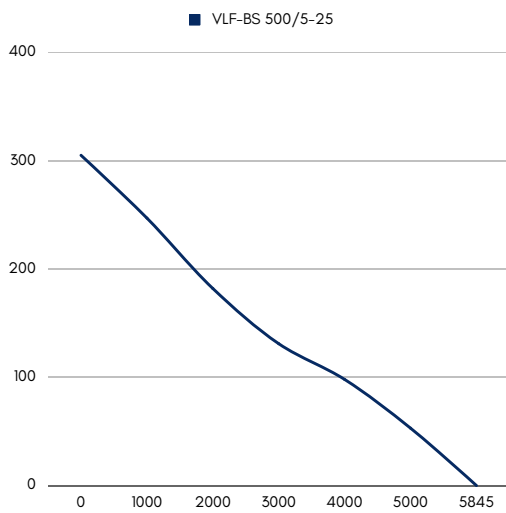
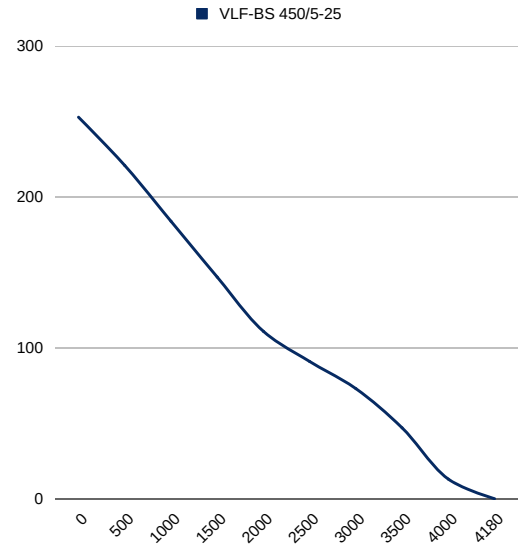
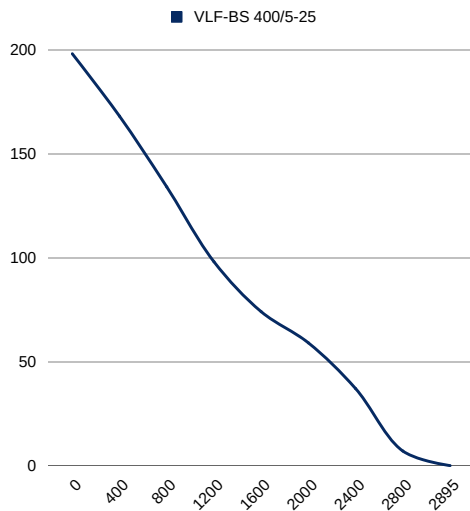
Frequency Inverter

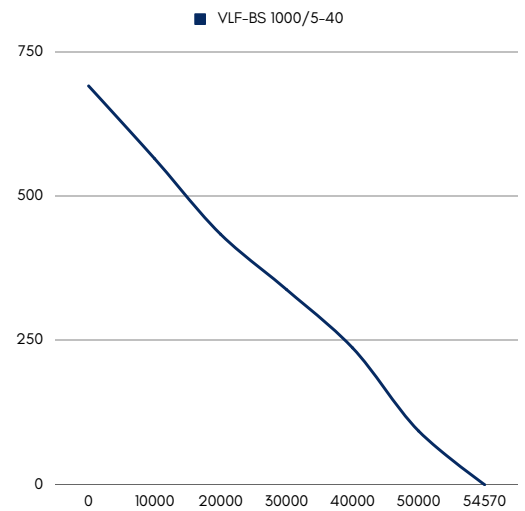
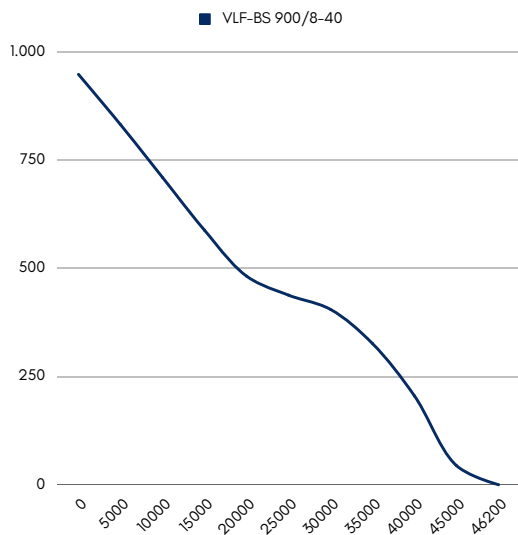
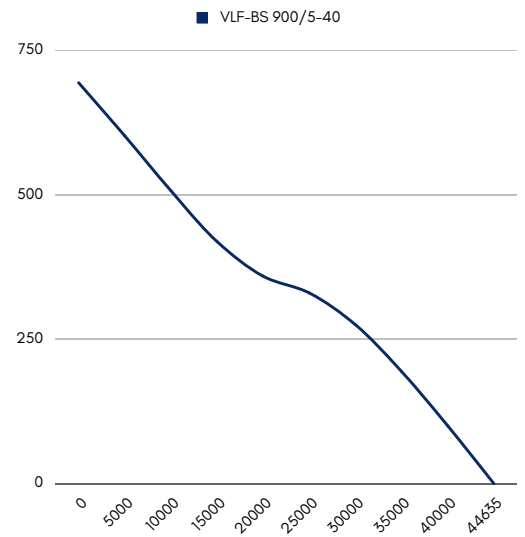
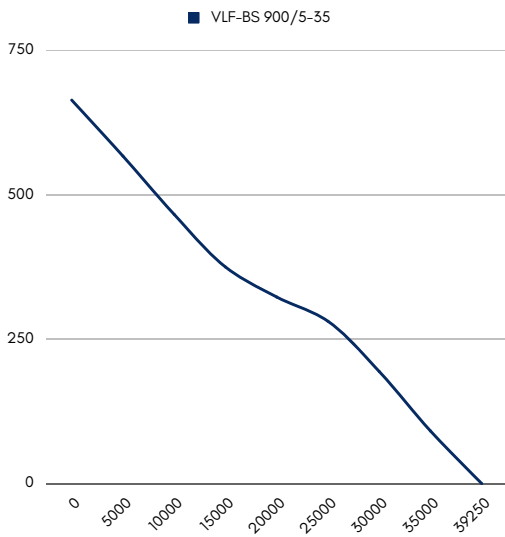
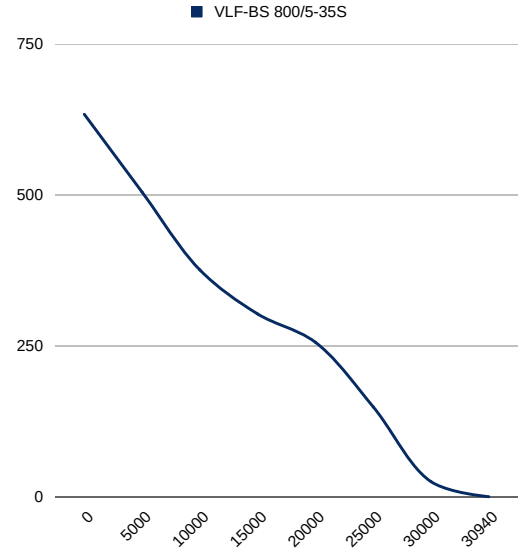
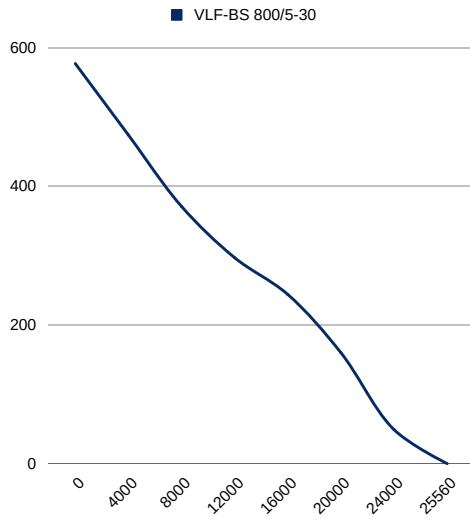
DRAWINGS



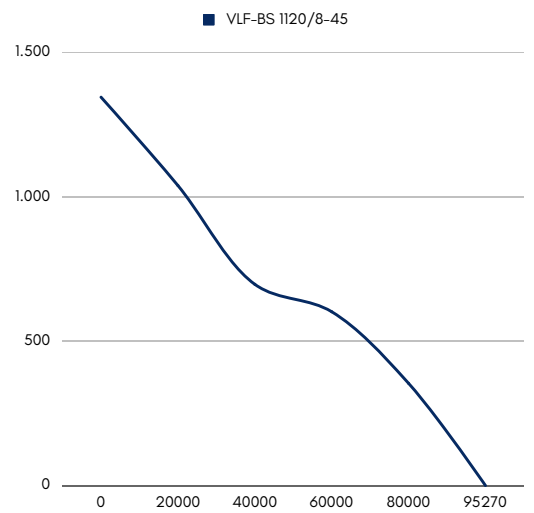
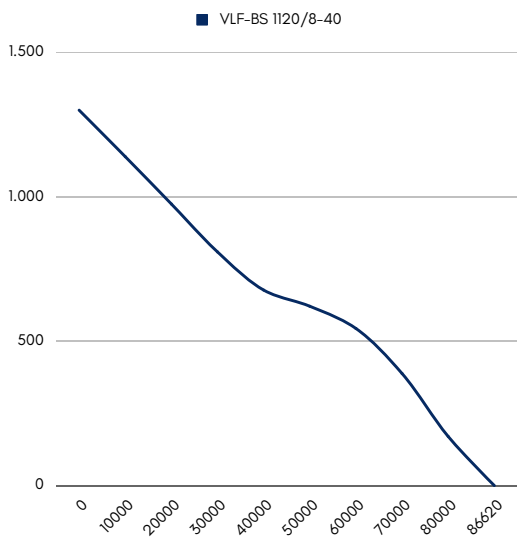
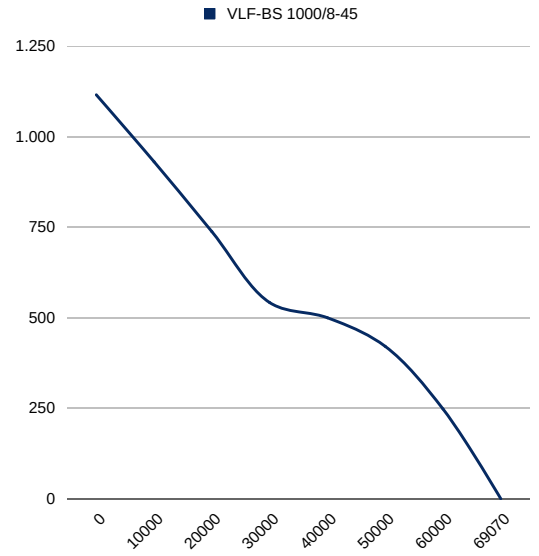
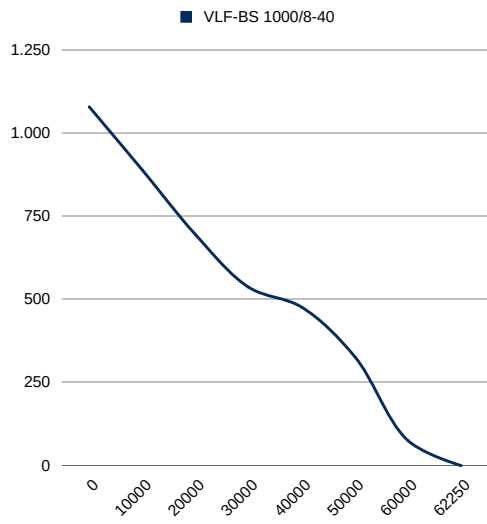
Model	A	B	C	D	E	(N) Screw Hole
VLF-BS 400/5-25	400	620	425	425	11	8
VLF-BS 450/5-25	450	670	425	475	11	8
VLF-BS 500/5-25	500	720	425	525	11	8
VLF-BS 560/5-25	560	780	425	585	11	12
VLF-BS 630/5-30	630	850	425	655	11	12
VLF-BS 710/5-30	710	930	425	735	11	12
VLF-BS 800/5-30	800	1020	425	825	11	16
VLF-BS 900/5-35	800	1120	525	925	11	16
VLF-BS 1000/5-35	900	1220	525	1025	11	16
VLF-BS 1120/5-40	900	1340	525	1145	11	16

SMOKE EXHAUST FANS / Box Type Axial Smoke Exhaust Fans





SMOKE EXHAUST FANS / Box Type Axial Smoke Exhaust Fans



VLF-RS

Roof Mounted Axial
Smoke Exhaust Fan



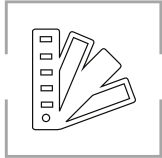
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK-VOLT-WAT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	-
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	EN 12101-3:2015, ISO 1940-1

A roof-type smoke exhaust fan, also known as a roof-mounted smoke exhaust fan or roof-mounted smoke extractor, is a ventilation system designed to remove smoke and heat from a building in the event of a fire. These fans are typically installed on the roof of a building and are an essential component of fire safety systems in commercial and industrial structures.

It's important to consult with a qualified engineer or fire safety expert to ensure the proper selection, installation, and maintenance of roof-type smoke exhaust fans in any building. These systems play a crucial role in enhancing fire safety and protecting lives and property during emergencies.

Model	Voltage (V)	Frequency (Hz)	Power (kW)	Speed (r.p.m)	Airflow (m ³ /h)	Sound dB(A)
VLF-RS 400/5-25	380 / 400	50/60	0,37	1450	2895	66
VLF-RS 450/5-25	380 / 400	50/60	0,55	1456	4180	69
VLF-RS 500/5-25	380 / 400	50/60	0,55	1453	5845	72
VLF-RS 560/5-25	380 / 400	50/60	0,75	1466	8150	75
VLF-RS 630/5-30	380 / 400	50/60	1,10	1465	13480	80
VLF-RS 710/5-30	380 / 400	50/60	1,40	1472	19210	83
VLF-RS 800/5-30	380 / 400	50/60	2,20	1459	25560	85
VLF-RS 800/5-35	380 / 400	50/60	3,00	1463	30940	89
VLF-RS 900/5-35	380 / 400	50/60	4,00	1471	39250	90
VLF-RS 900/5-40	380 / 400	50/60	5,50	1472	44635	93
VLF-RS 900/8-40	380 / 400	50/60	11,00	1454	46200	94
VLF-RS 1000/5-40	380 / 400	50/60	7,50	1478	54570	94
VLF-RS 1000/8-40	380 / 400	50/60	15,00	1456	62250	97
VLF-RS 1000/8-45	380 / 400	50/60	18,50	1458	69070	99
VLF-RS 1120/8-40	380 / 400	50/60	22,00	1471	86620	100
VLF-RS 1120/8-45	380 / 400	50/60	30,00	1474	95270	102

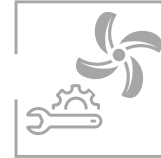
OPTIONS



Electro-static Powder Coating With Any RAL Color



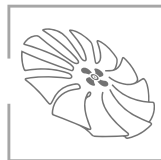
Aluminium or Plastic Blades



Custom Production For Any Flowrate and Pressure



System Automation



5, 8, 12 and 16 Blades Options



Single and Double Speed Motor Option

ACCESSORIES



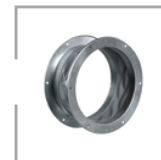
Mounting Feet



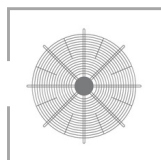
Vibration Isolator



Counter Flange



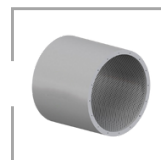
Connector



Protection Guard



Back Draft Damper

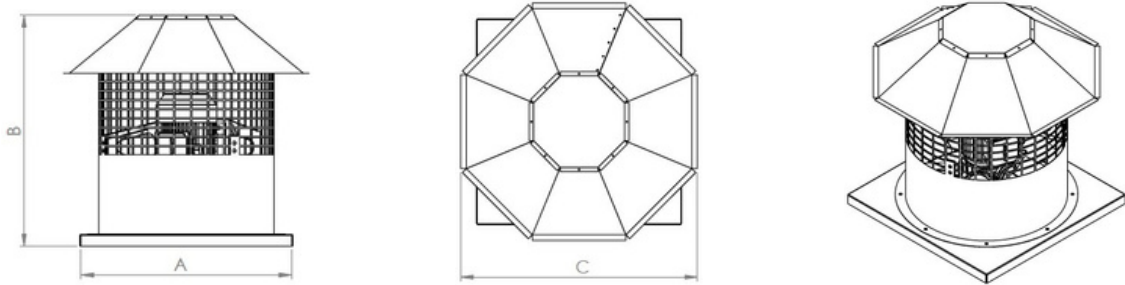


Silencer



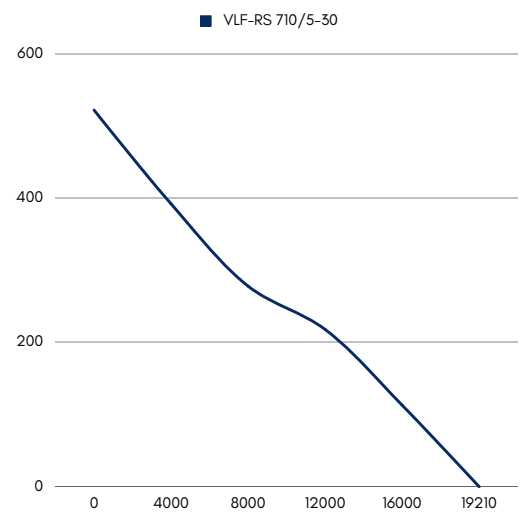
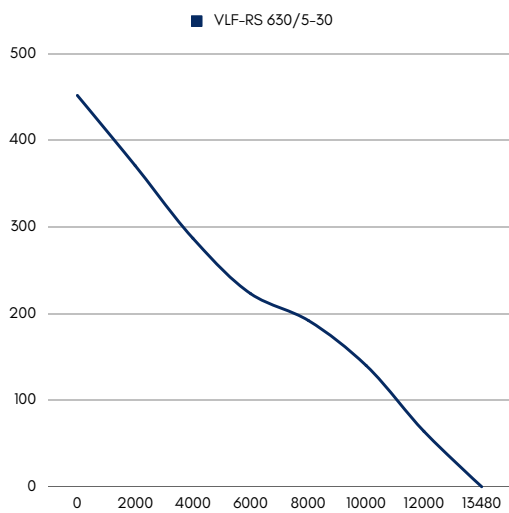
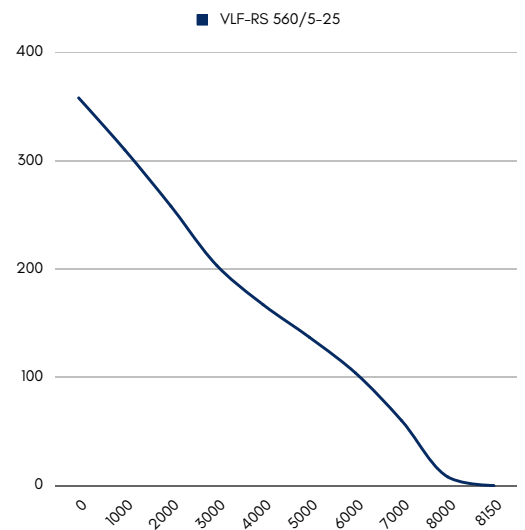
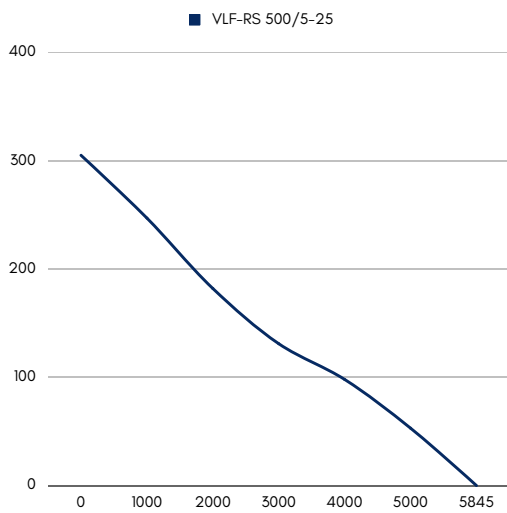
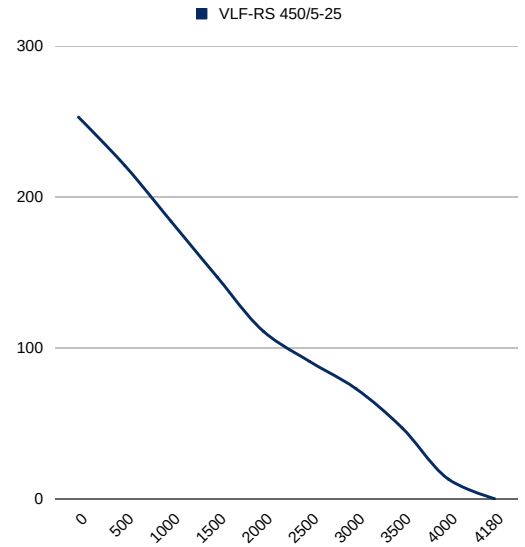
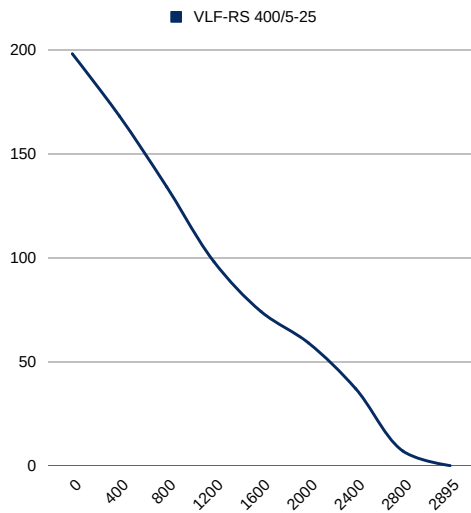
Frequency Inverter

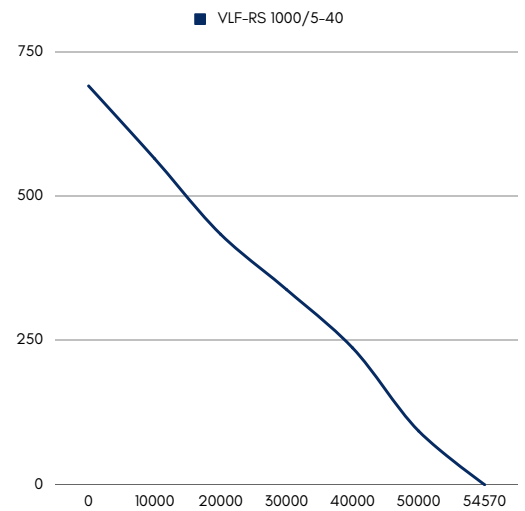
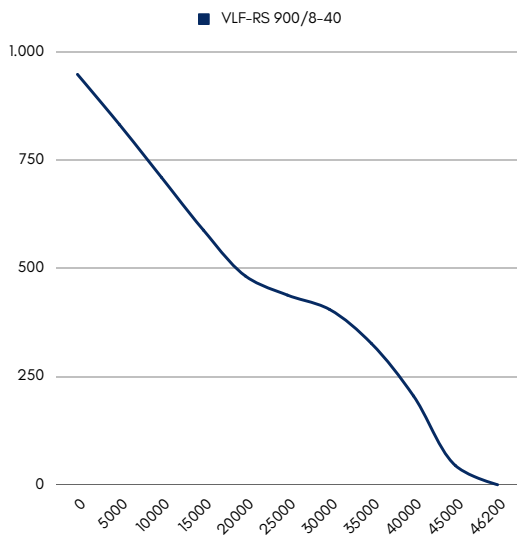
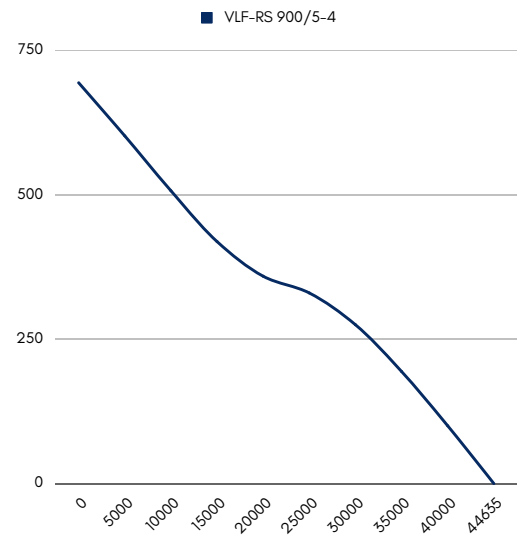
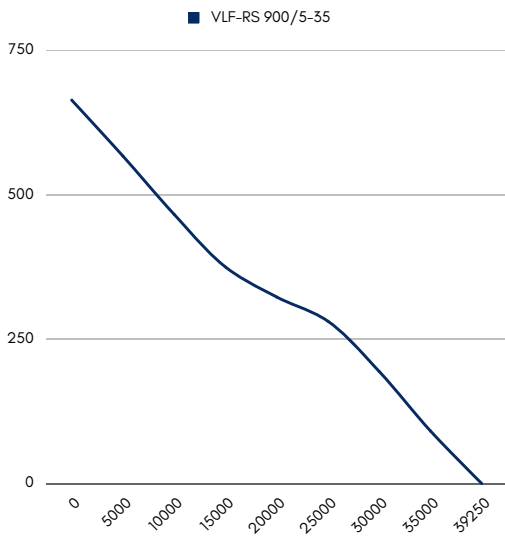
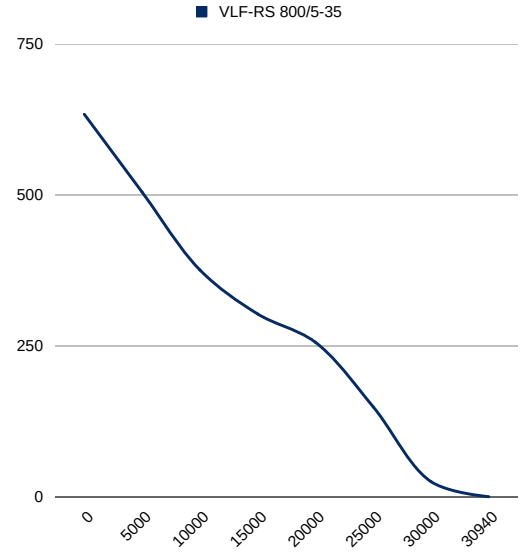
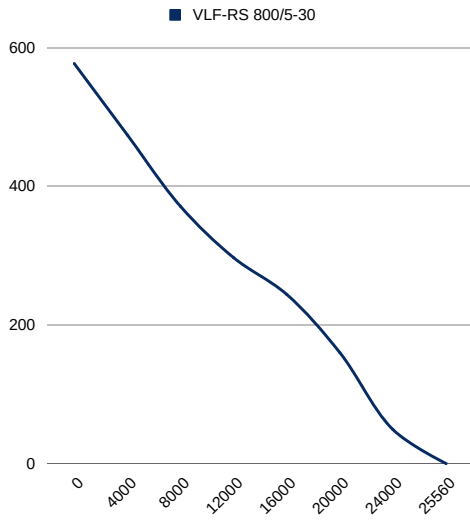
DRAWINGS



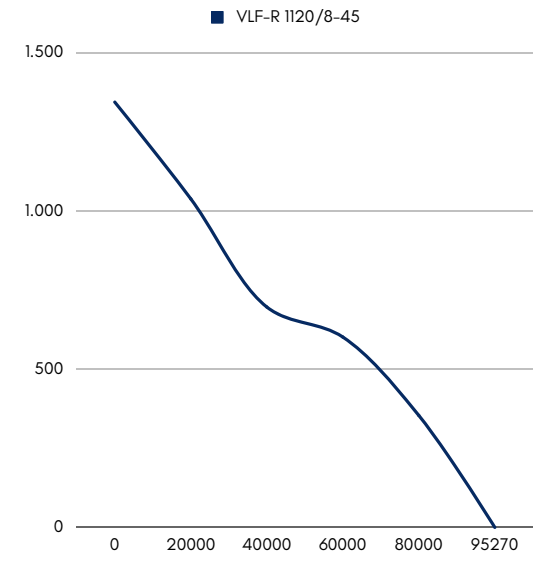
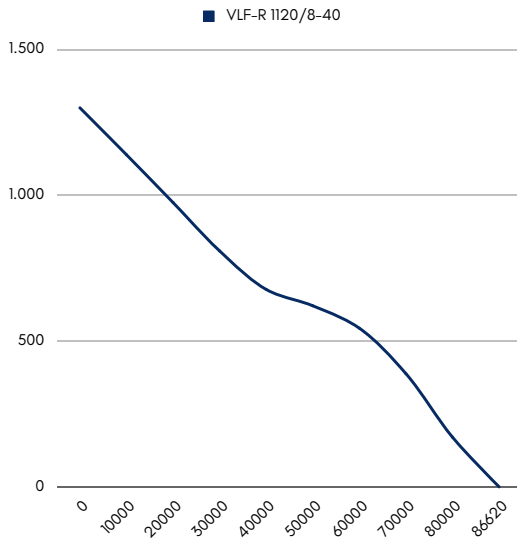
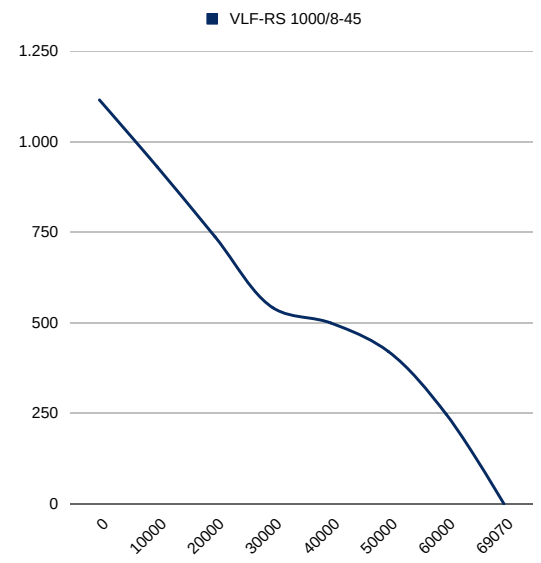
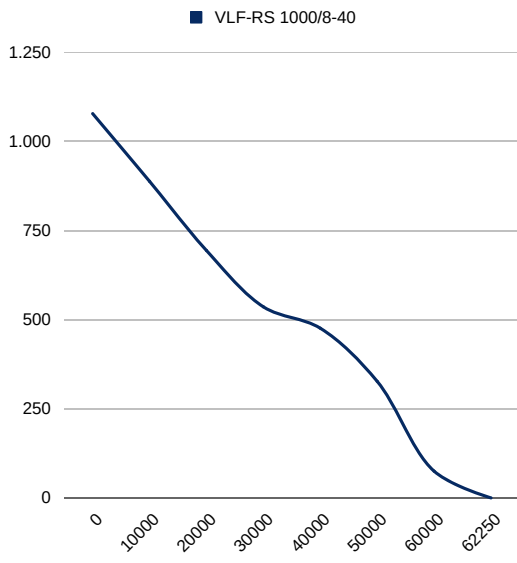
Model	A	B	C	E	(N) Screw Hole
VLF-RS 400/5-25	500	800	640	11	8
VLF-RS 450/5-25	550	800	640	11	8
VLF-RS 500/5-25	600	800	700	11	8
VLF-RS 560/5-25	650	800	760	11	12
VLF-RS 630/5-30	750	850	850	11	12
VLF-RS 710/5-30	850	850	950	11	12
VLF-RS 800/5-30	950	850	1070	11	16
VLF-RS 900/5-40	1050	1200	1140	11	16
VLF-RS 1000/8-40	1150	1200	1240	11	16
VLF-RS 1120/8-45	1250	1550	1390	11	16

SMOKE EXHAUST FANS / Roof Mounted Axial Smoke Exhaust Fan





SMOKE EXHAUST FANS / Roof Mounted Axial Smoke Exhaust Fan



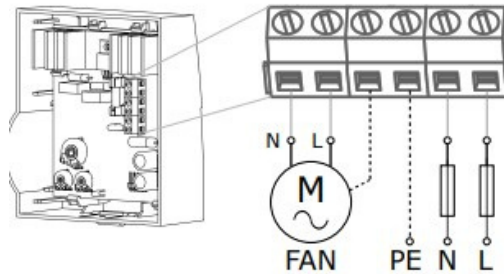


VLF-S, Smoke Exhaust Fans

VOLTVENT VENTILATION SYSTEMS

VSC / SINGLE PHASE FAN SPEED CONTROLLER

EAC CE



Model	Voltage (V)	Output Power (A)
VSC 1	230	2,5
VSC 2	230	5,0
VSC 3	230	7,5

VFI / THREE PHASE FREQUENCY INVERTER (DANFOS-FC280)

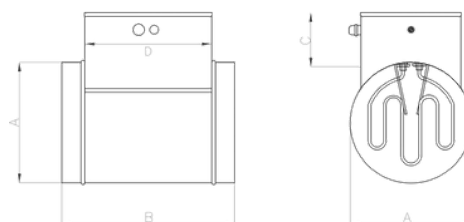
EAC CE



Model	Voltage (V)	Output Power (kW)	Model	Voltage (V)	Output Power (kW)
VFI - 0,75	380	0,75	VFI - 3	380	3,00
VFI - 1,5	380	1,50	VFI - 4	380	4,00
VFI - 2,2	380	2,20	VFI - 5,5	380	5,50
Model	Voltage (V)	Output Power (kW)	Model	Voltage (V)	Output Power (kW)
VFI - 7,5	380	7,50	VFI - 18,5	380	18,50
VFI - 11	380	11,00	VFI - 22	380	22,00
VFI - 15	380	15,00	VFI - 30	380	30,00

VREH / CIRCULAR DUCT TYPE ELECTRICAL HEATER

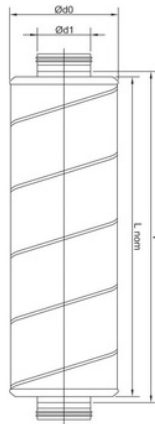
EAC CE



Model	Power (kW)
VHRU 1000	3,00 kW
VHRU 2000	6,00 kW
VHRU 3000	9,00 kW
VHRU 4000	12,00 kW
VHRU 6000	15,00 kW

VCIS / CIRCULAR INLINE SILENCER

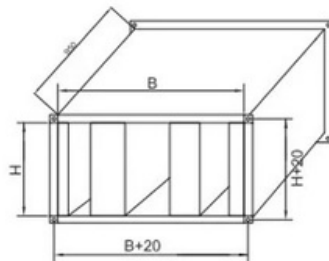
EAC CE



Model	Lnom	Od1	Od0
VCIS 100	500	100	200
VCIS 125	500	125	224
VCIS 150	500	150	250
VCIS 160	500	160	260
VCIS 200	500	200	300
VCIS 250	500	250	355
VCIS 315	500	315	415
VCIS 355	1000	355	495

VRIS / RECTANGULAR INLINE SILENCER

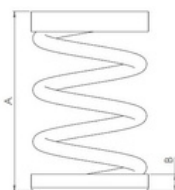
EAC CE



Model	B	H
VRIS 30-15	300	150
VRIS 40-20	400	200
VRIS 50-25	500	250
VRIS 50-30	500	300
VRIS 60-30	600	300
VRIS 60-35	600	350
VRIS 70-40	700	400
VRIS 80-50	800	500
VRIS 100-50	1000	500

VVIS / VIBRATION ISOLATOR

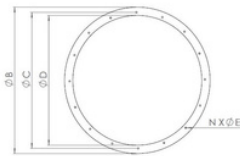
EAC CE



Model	A	B	C	D
VVIS	100	12	10	60

VASS / CIRCULAR SILENCER

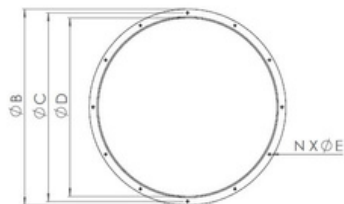
EAC CE



Model	A	B	C	D	N X Ø E
VASS 400	400	500	430	400	8 X 10
VASS 450	450	550	484	450	8 X 10
VASS 500	500	600	537	500	8 X 10
VASS 560	560	660	597	560	8 X 10
VASS 630	630	730	667	630	8 X 10
VASS 710	710	810	747	710	8 X 10
VASS 800	800	900	844	800	16 X 10
VASS 900	900	1000	944	900	16 X 10
VASS 1000	1000	1100	1044	1000	16 X 10
VASS 1250	1250	1350	1294	1250	16 X 10

VCOF / COUNTER FLANGE

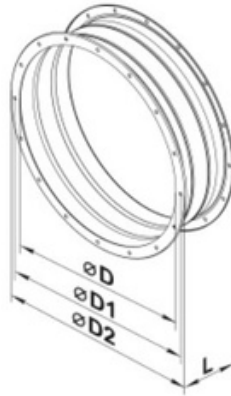
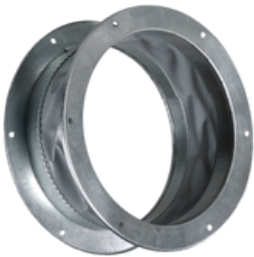
EAC CE



Model	A	B	C	D	N X Ø E
VCOF 400	40	480	430	400	8 X 11
VCOF 450	40	530	584	450	8 X 11
VCOF 500	40	580	537	500	8 X 11
VCOF 560	40	640	597	560	8 X 11
VCOF 630	40	710	667	630	8 X 11
VCOF 710	40	790	747	710	8 X 11
VCOF 800	40	880	844	800	16 X 11
VCOF 900	40	980	944	900	16 X 13
VCOF 1000	40	1080	1044	1000	16 X 13
VCOF 1250	40	1330	1294	1250	16 X 13

VCON / CIRCULAR CONNECTOR

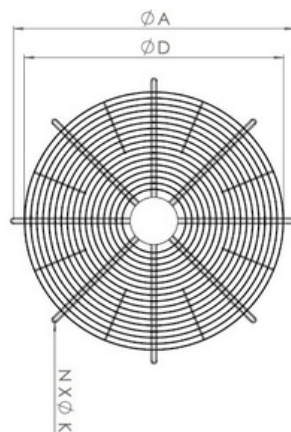
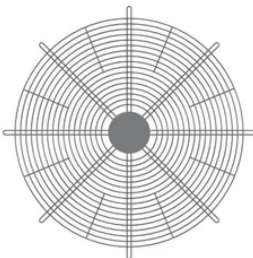
EAC CE



Model	OD	OD1	OD2
VCON 400	412	438	465
VCON 450	462	487	515
VCON 500	515	541	570
VCON 560	572	601	630
VCON 630	645	674	715
VCON 710	727	755	795
VCON 800	818	844	874
VCON 900	919	958	989
VCON 1000	1020	1051	1083
VCON 1250	1272	1301	1334

VGG / INLET/OUTLET GRILLE GUARD

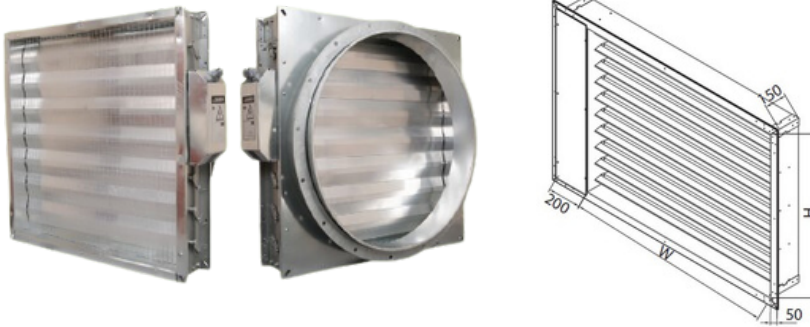
EAC CE



Model	OA	OD
VGG 400	412	438
VGG 450	462	487
VGG 500	515	541
VGG 560	572	601
VGG 630	645	674
VGG 710	727	755
VGG 800	818	844
VGG 900	919	958
VGG 1000	1020	1051
VGG 1250	1272	1301

VBDD / SMOKE DISCHARGE DAMPER

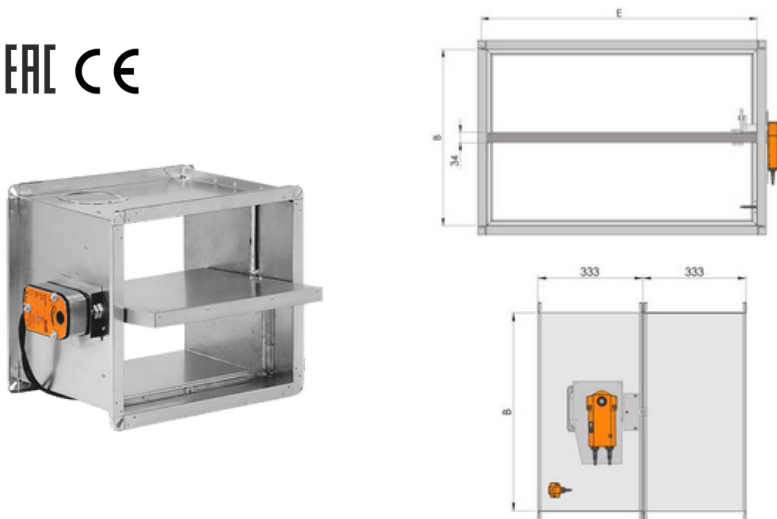
ERAC CE



Model	W	H
VBDD 50-20	500	200
VBDD 60-30	600	300
VBDD 70-40	700	400
VBDD 80-50	800	500
VBDD 100-50	1000	500
VBDD 120-60	1200	600
VBDD 140-70	1400	700

VARD / AUTOMATIC DUCT TYPE FIRE DAMPER

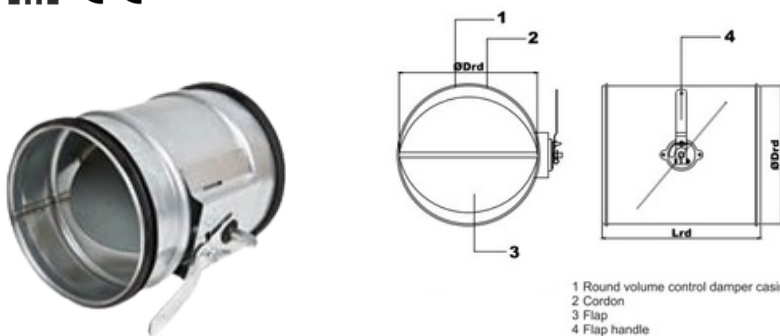
ERAC CE



Model	E	B
VARD 200	200	200
VARD 300	300	300
VARD 400	400	400
VARD 500	500	500
VARD 600	600	600
VARD 700	700	700
VARD 800	800	800

VMBD-VABD / MECHANICAL & AUTOMATIC AIR DAMPER

ERAC CE

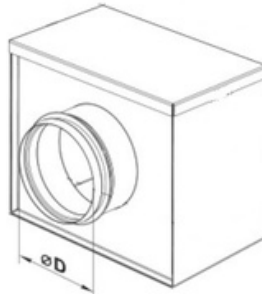


- 1 Round volume control damper casing
- 2 Cordon
- 3 Flap
- 4 Flap handle

Model	ØDrd	Lrd
VMBD 160	160	210
VMBD 180	180	230
VMBD 200	203	250
VMBD 225	229	275
VMBD 250	254	300
VMBD 280	280	330
VMBD 300	305	350
VMBD 350	356	400

VCFT / BOX TYPE FILTER

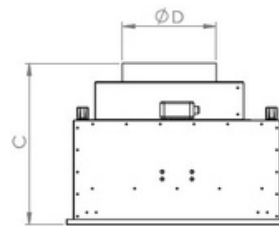
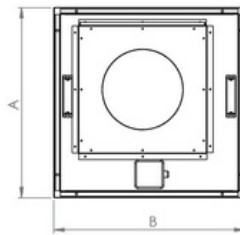
EAC CE



Model	Ød
VCFT 100	100
VCFT 125	125
VCFT 150	150
VCFT 200	200
VCFT 250	250
VCFT 315	315

VACU / AIR CLEANING UNIT

EAC CE

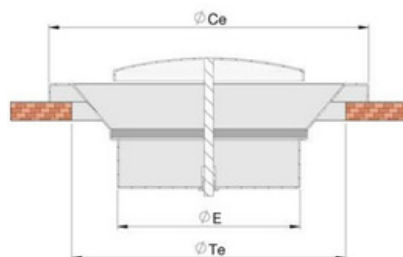


Model	V	Hz	kW	m3/h
VACU	230	50	0,25	1200

Model	A	B	C	D
VACU	595	595	440	250

VMDV-VPDV / METAL & PLASTIC DISC VALVE

EAC CE



Model	OC	OE	OT
VMDV 100	98	195	160
VMDV 120	119	212	178
VMDV 150	148	259	205
VMDV 200	198	301	252



HEADQUARTER

VOLTVENT VENTILATION SYSTEMS

Yeşilköy, EGS
Business Park B2
Blok No:12 Kat :
Zemin, 34149
Bakırköy/İstanbul

www.voltvent.com

