

VPS

Single Inlet Centrifugal Fan



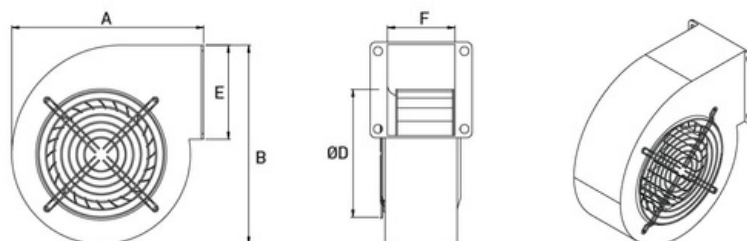
MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS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

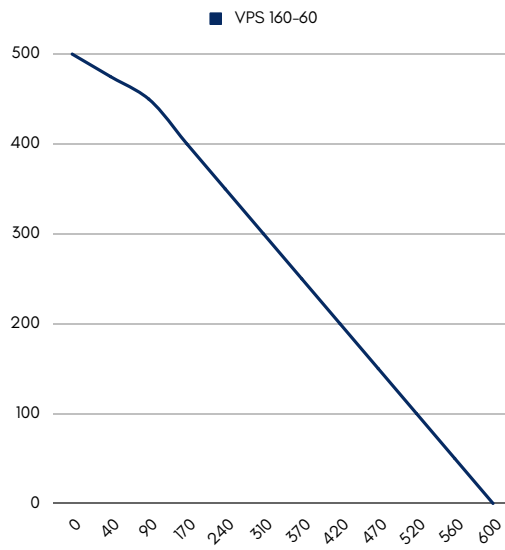
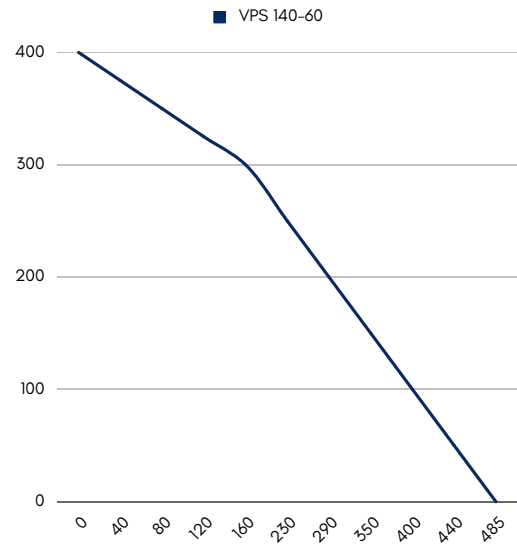
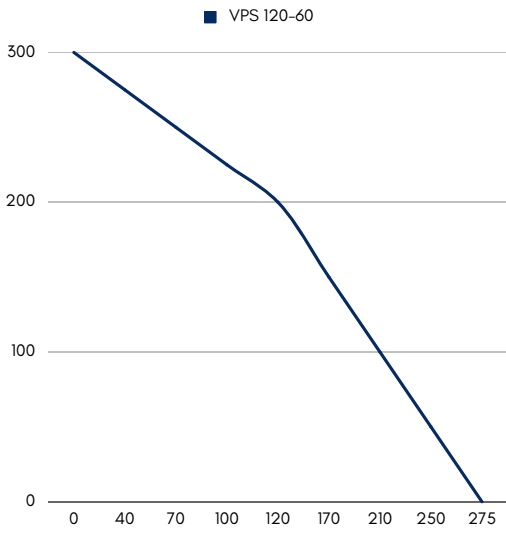
A single inlet centrifugal fan, also known as a forward-curved centrifugal fan, is a type of mechanical fan commonly used in various industrial and HVAC (Heating, Ventilation, and Air Conditioning) applications. It belongs to the broader category of centrifugal fans, which are characterized by their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

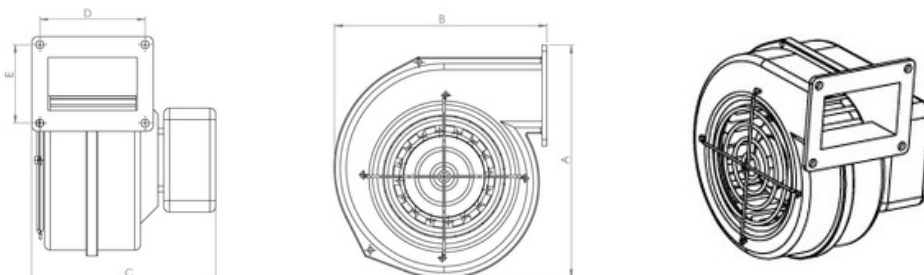
A boiler fan is a crucial component of a boiler system that plays a vital role in ensuring efficient combustion, heat transfer, and safe operation. The primary purpose of a boiler fan is to provide combustion air to the boiler's burners and to facilitate the removal of combustion products (flue gases)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

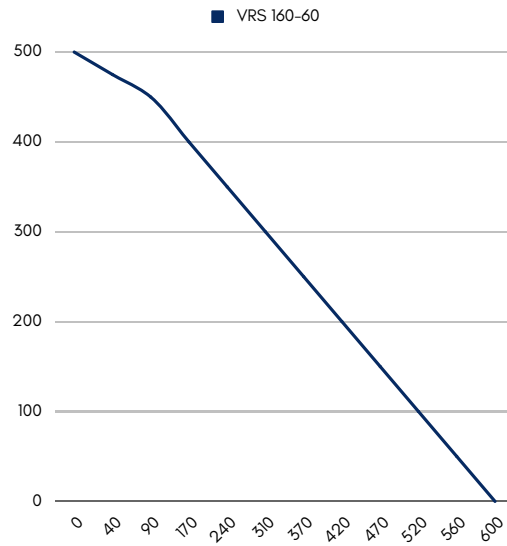
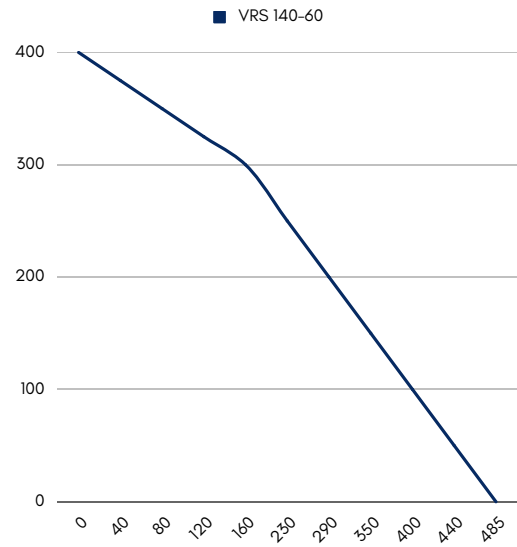
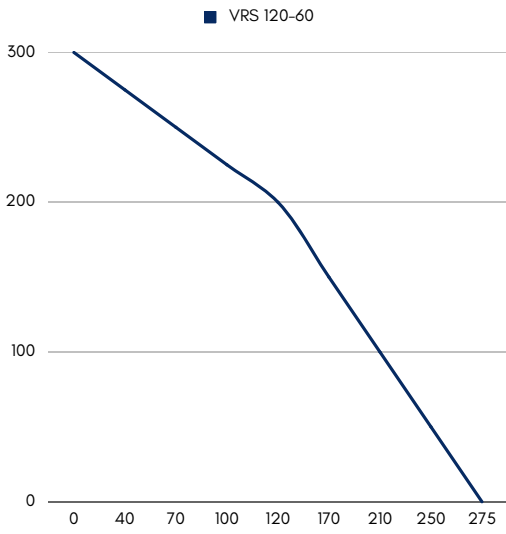
In summary, a boiler fan is a critical component in a boiler system, responsible for providing combustion air, controlling draft, and ensuring efficient and safe boiler operation. Its design, capacity, and control mechanisms are tailored to the specific requirements of the boiler and the type of fuel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



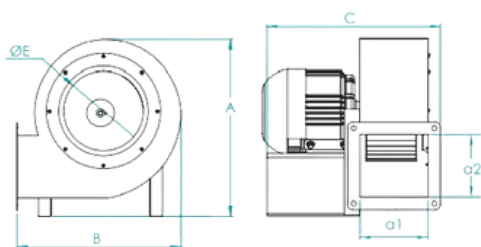
MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS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

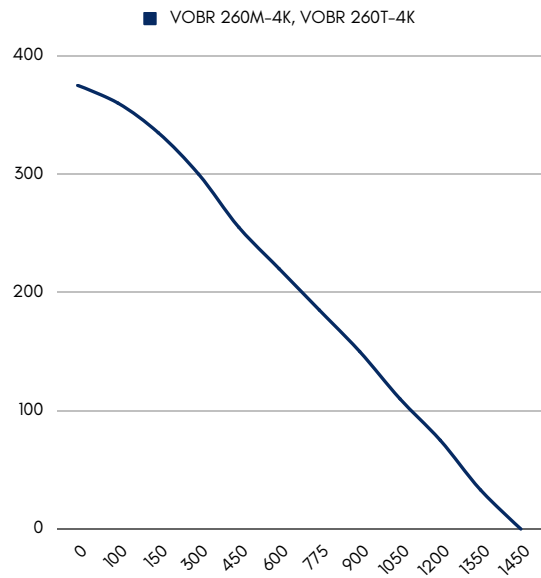
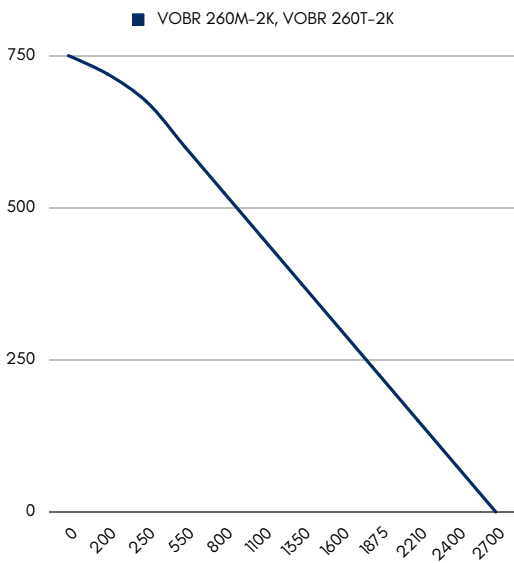
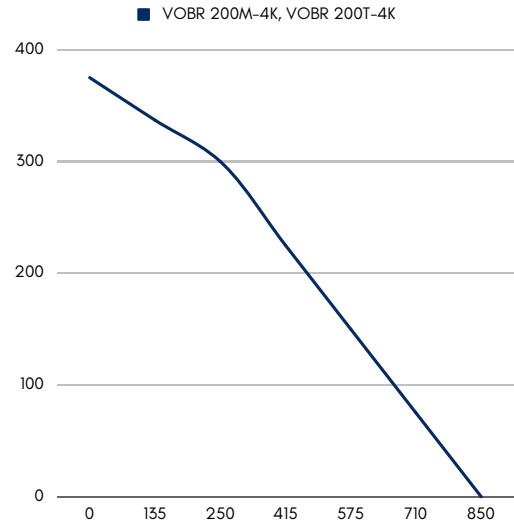
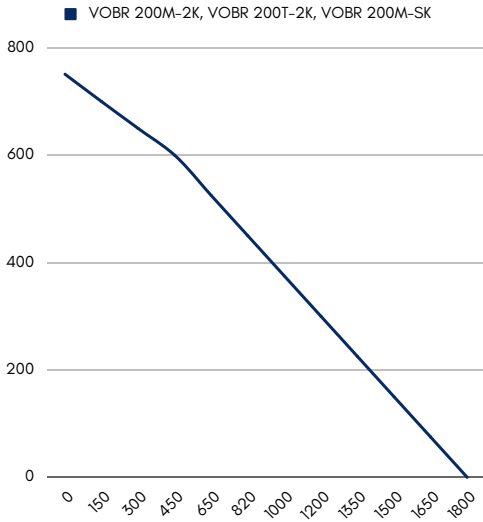
In summary, a medium-pressure radial fan is a versatile mechanical device used for moving air or gases in various applications that require moderate pressure and efficient airflow. Their design and capabilities make them essential components in industrial processes and HVAC systems.

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	α1	α2
VOBR 200	295	288	322	102	113
VOBR 260	361	354	405	115	160



VDC

Single Inlet Blower Fan



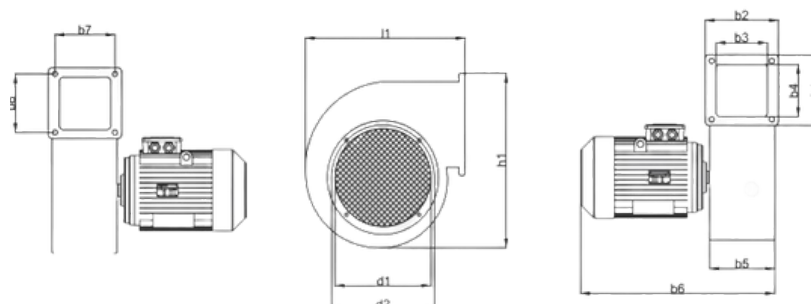
MOTOR INSULATION CLASS	B CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS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

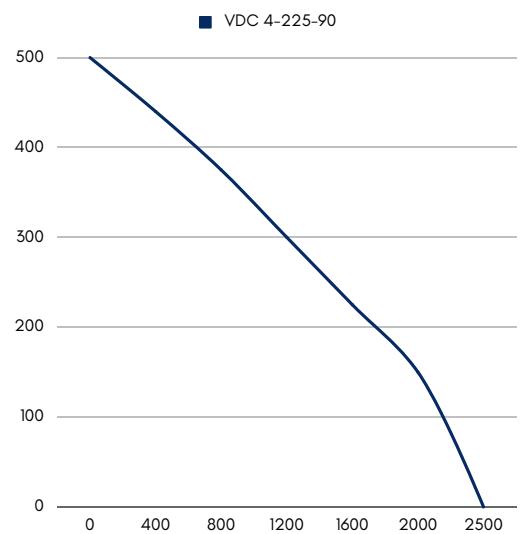
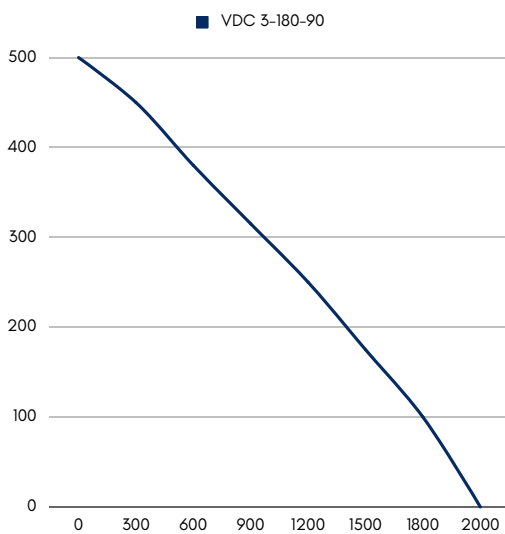
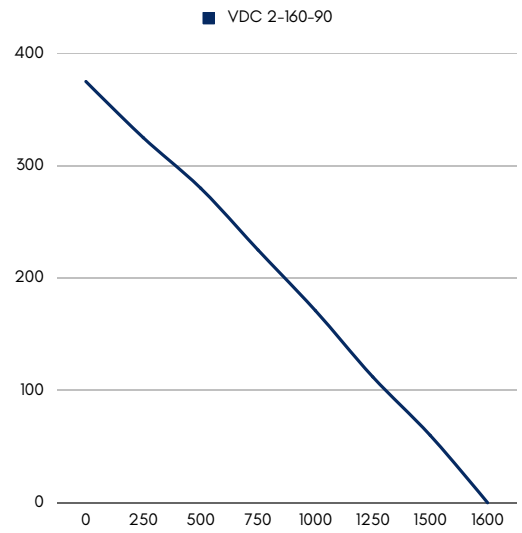
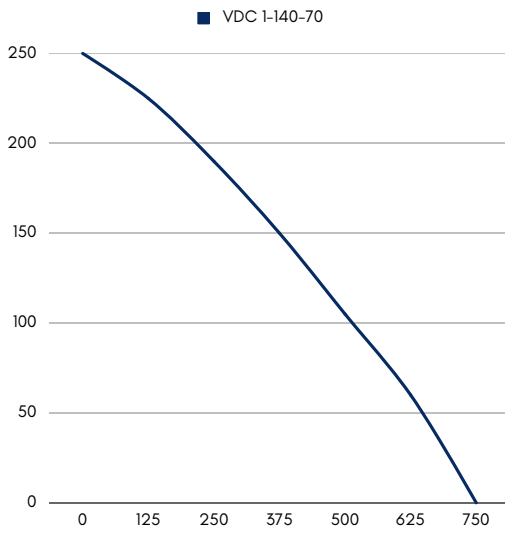
In summary, a medium-pressure radial fan is a versatile mechanical device used for moving air or gases in various applications that require moderate pressure and efficient airflow. Their design and capabilities make them essential components in industrial processes and HVAC systems.

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

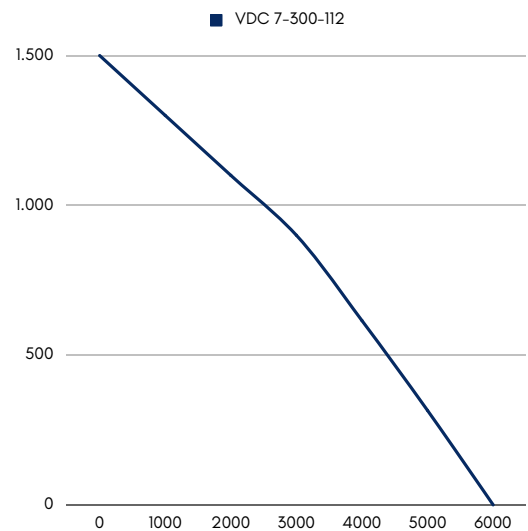
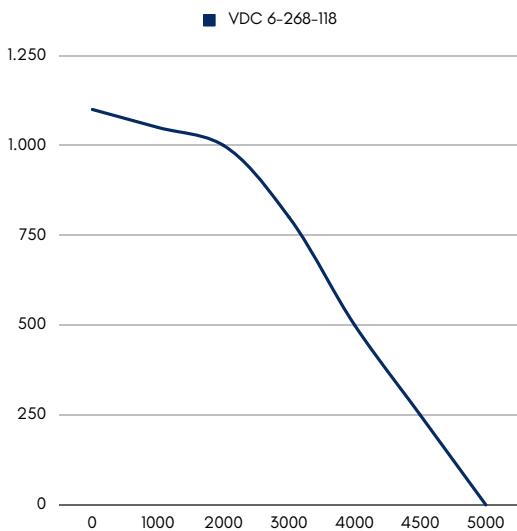
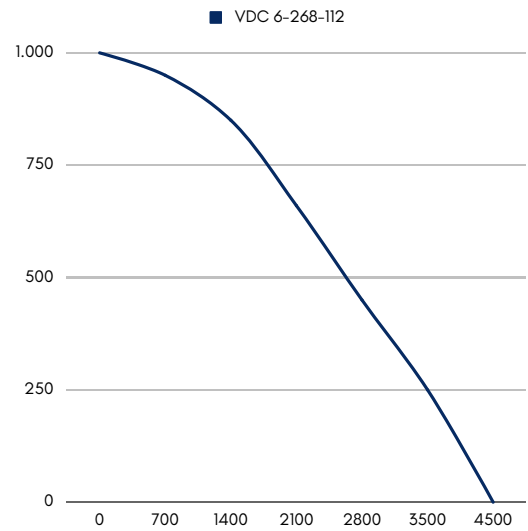
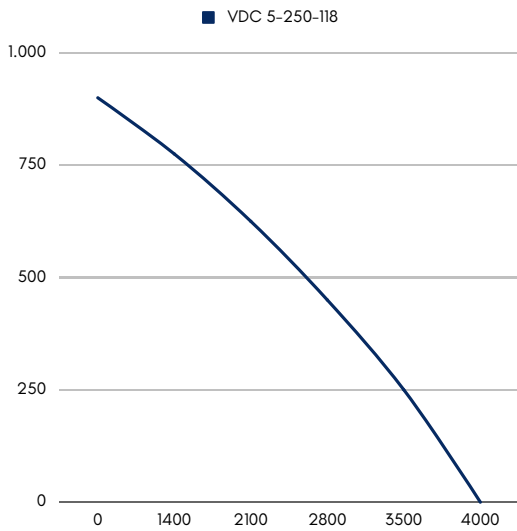
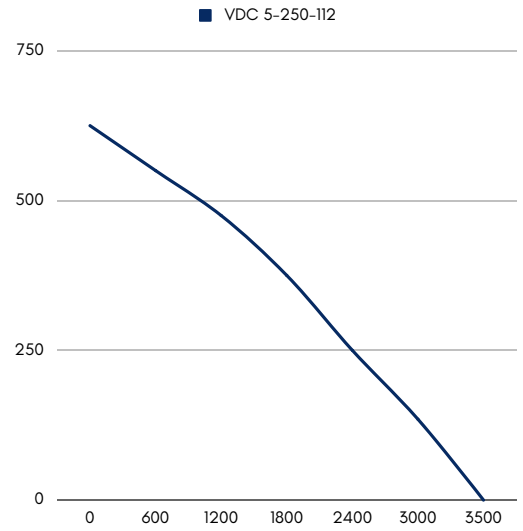
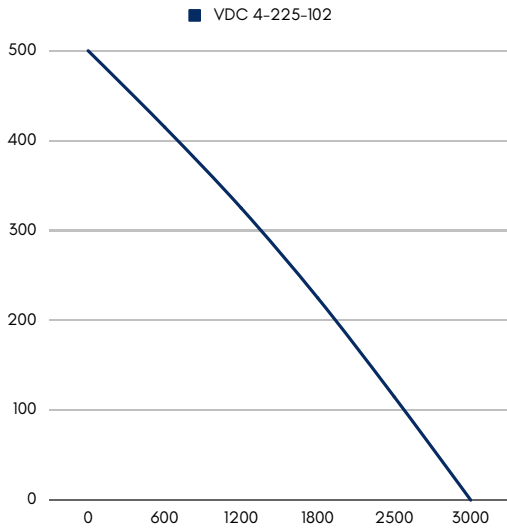
DRAWING

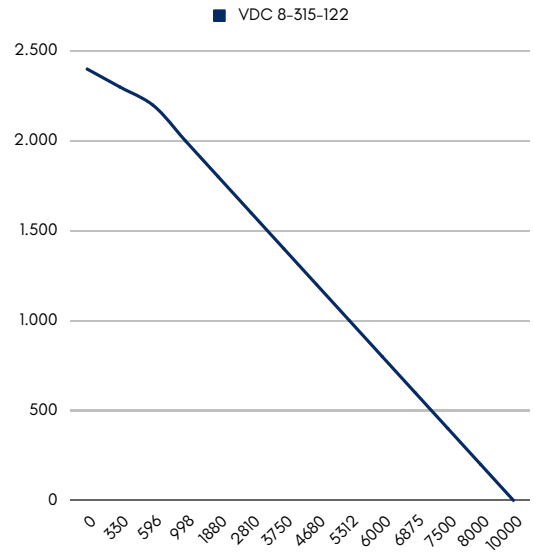
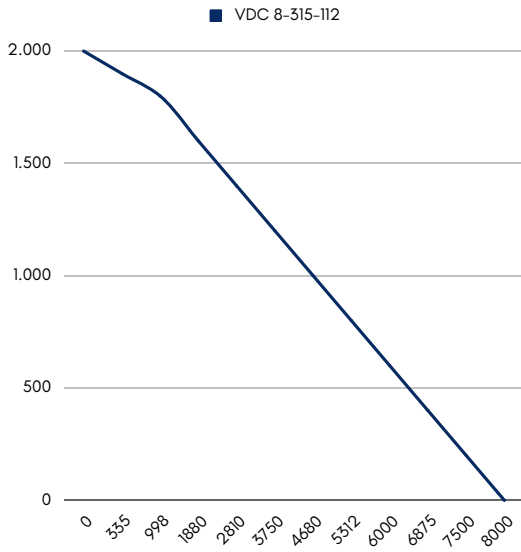


Model	b1	b2	b3	b4	b5	b6	b7	b8	l1	d1	d2
VDC 1	123	116	85	60	105	315	95	95	230	120	157
VDC 2	160	160	110	110	130	360	135	135	285	140	175
VDC 3	160	155	105	105	128	350	130	125	303	166	195
VDC 4	185	160	125	105	145	374	155	125	370	198	250
VDC 5	203	203	155	-	165	435	165	165	415	228	285
VDC 6	203	203	155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



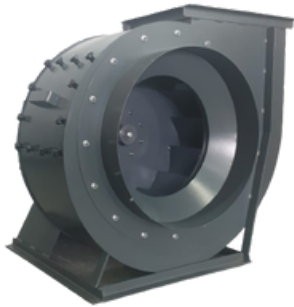
RADIAL FANS / Single Inlet Blower Fans





VLPF

Low Pressure Centrifugal Fan

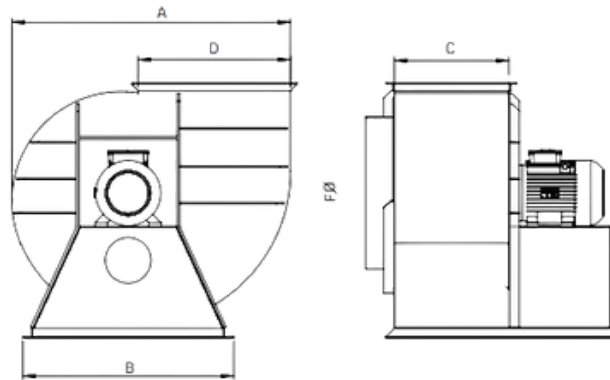


MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK, WAT
BODY MATERIAL	DKP STEEL SHEET
BODY COATING	ELECTROSTATIC POWDER COATING
IMPELLER MATERIAL	DKP STEEL SHEET
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +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.

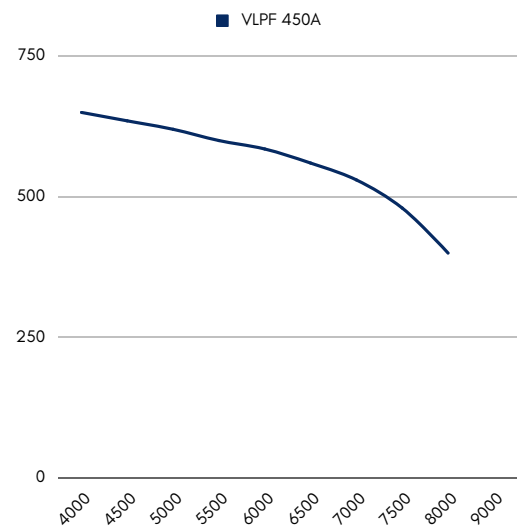
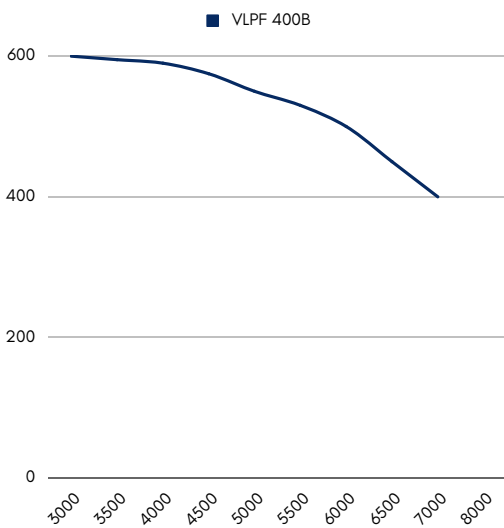
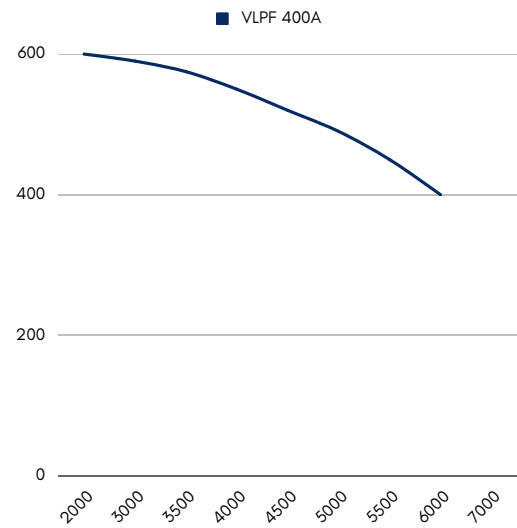
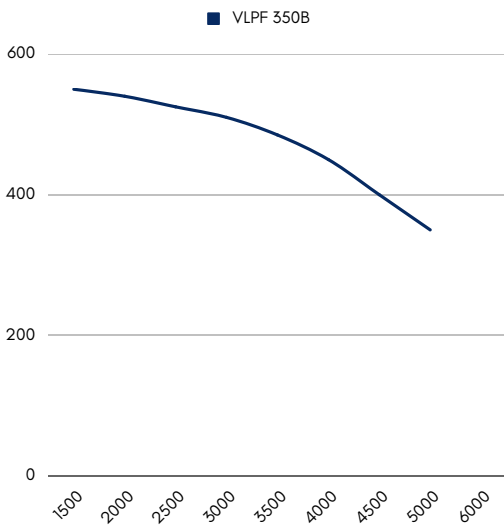
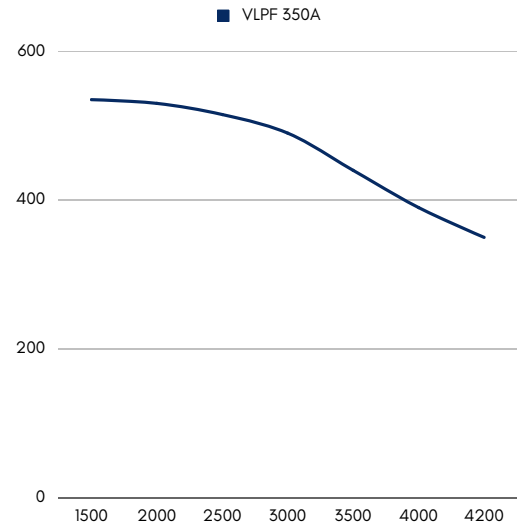
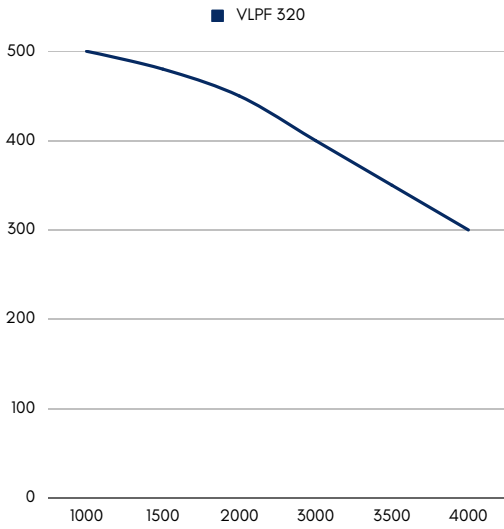
In summary, low-pressure radial fans are versatile devices used to move air in various applications where the resistance to airflow is relatively low. Their ability to efficiently generate airflow at low pressures makes them essential components in HVAC systems, ventilation, and various industrial processes.

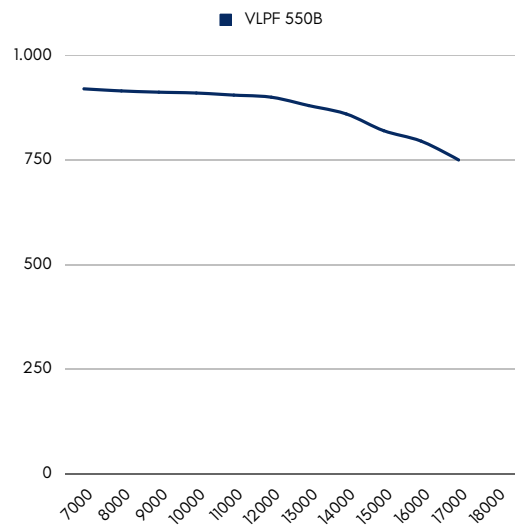
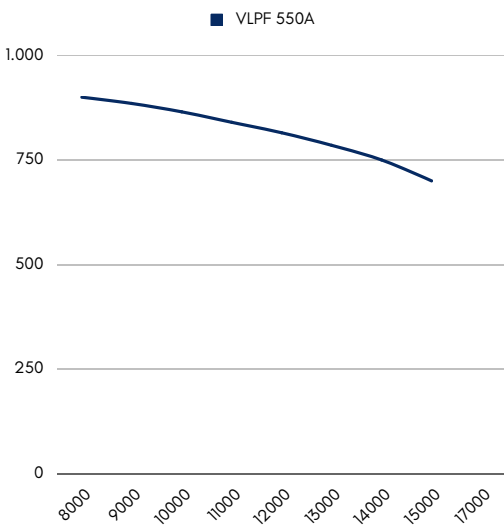
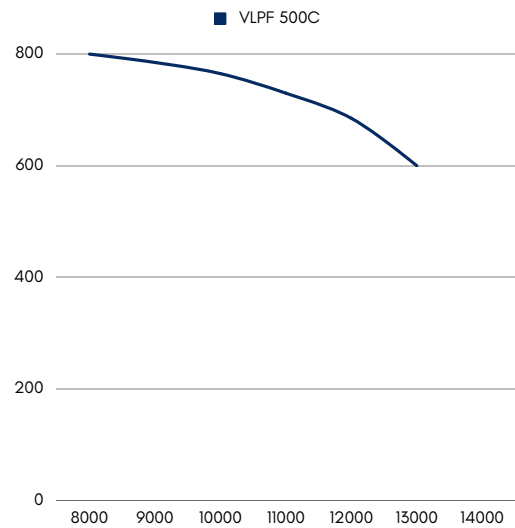
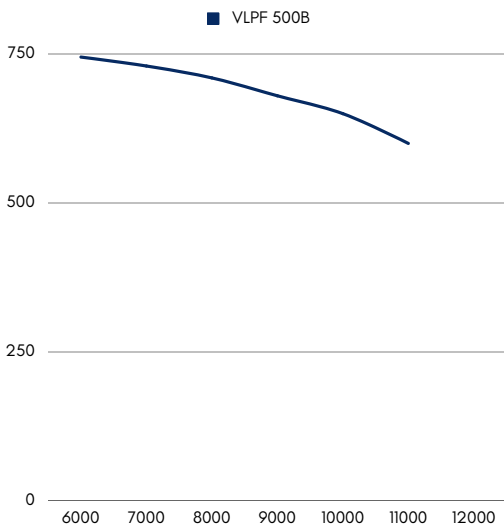
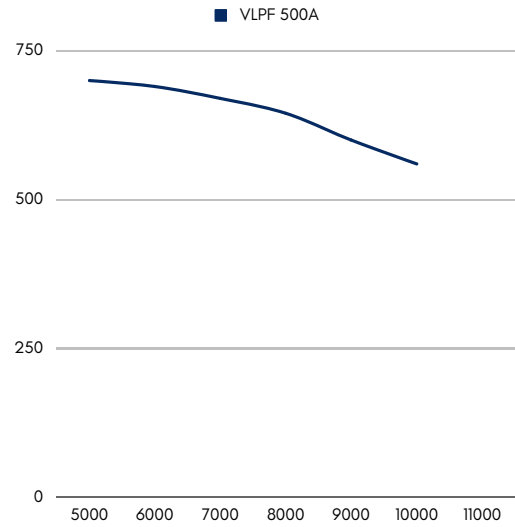
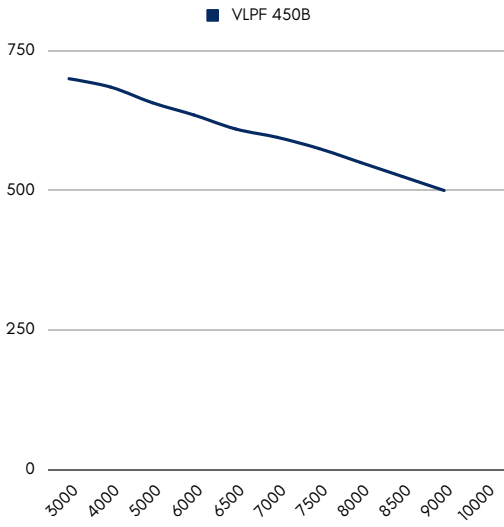
Model	Voltage (V)	Frequency (Hz)	Power (KW)	Speed (r.p.m)	Airflow (m³/h)	Current (A)	Pressure (pa)	Weight (kg)
VLPF 320	230 / 380	50	0,55	1450	3500	3,3/1,6	400	78
VLPF 350A	230 / 380	50	0,55	1450	3800	3,3/1,6	400	78
VLPF 350B	230 / 380	50	0,75	1450	5000	3,3/1,6	400	78
VLPF 400A	230 / 380	50	0,75	1450	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



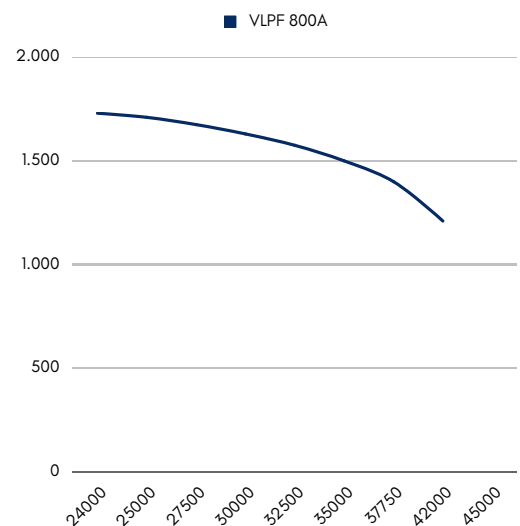
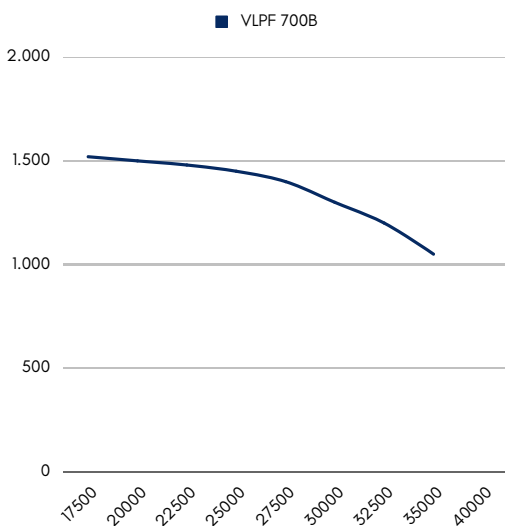
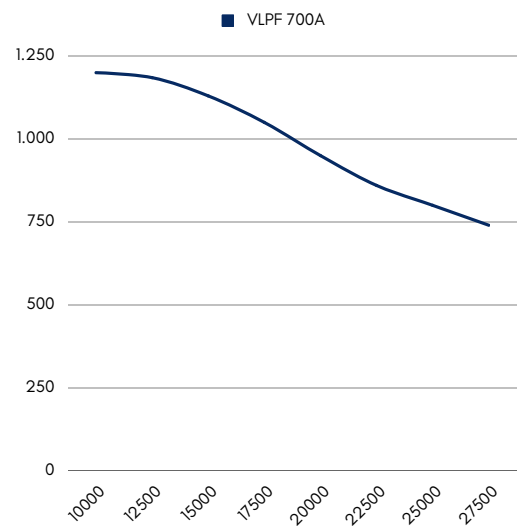
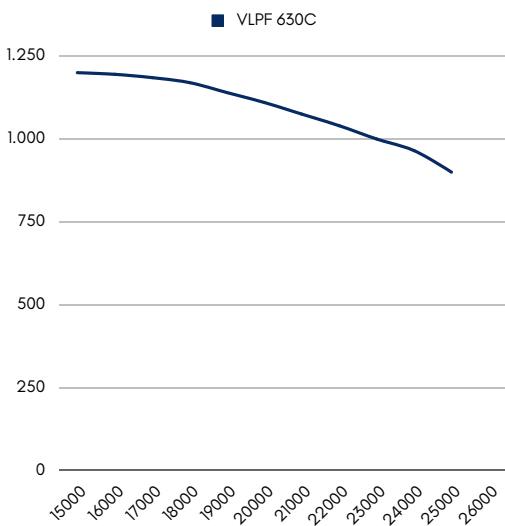
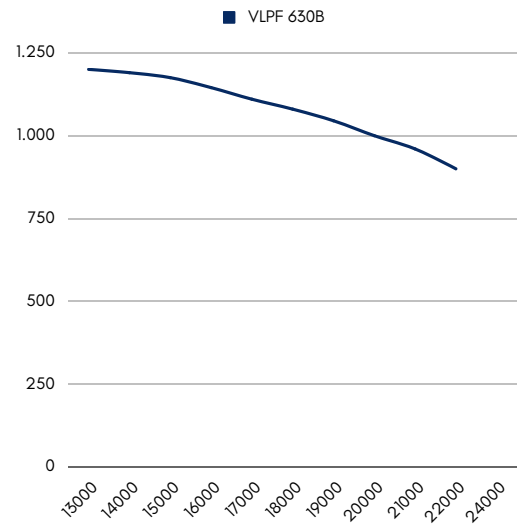
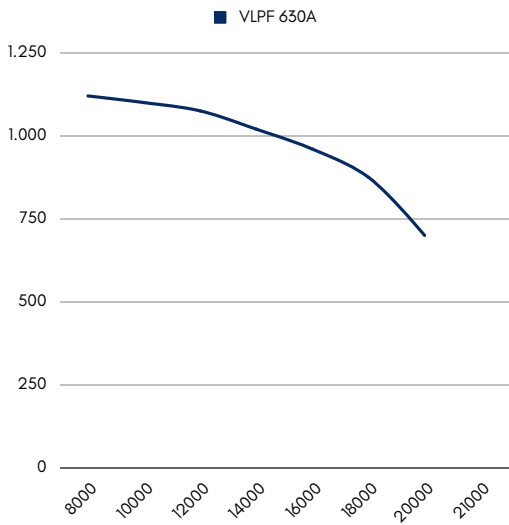
Model	A	B	C	D	ØF
VLPF 320	665	550	200	260	300
VLPF 350A	720	600	250	280	320
VLPF 350B	720	600	250	280	320
VLPF 400A	820	685	270	330	350
VLPF 400B	820	685	270	330	350
VLPF 450A	840	700	270	370	400
VLPF 450B	840	700	270	370	400
VLPF 500A	850	785	330	410	450
VLPF 500B	850	785	330	410	450
VLPF 500C	850	785	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

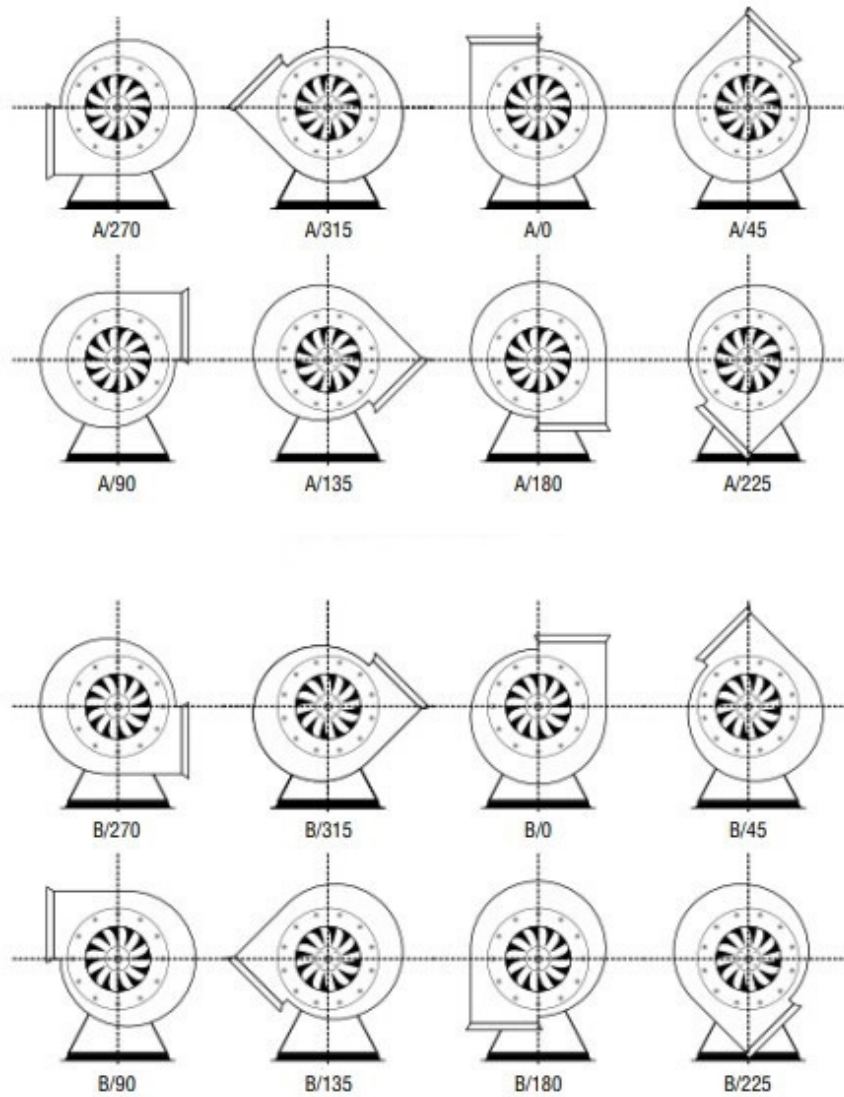
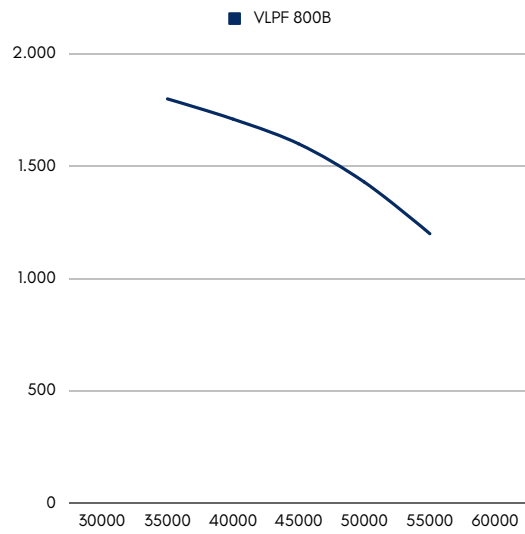
RADIAL FANS / Low Pressure Centrifugal Fans





RADIAL FANS / Low Pressure Centrifugal Fans





VMPF

Medium Pressure Centrifugal Fan



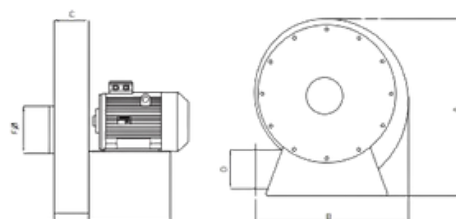
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK, WAT
BODY MATERIAL	DKP STEEL SHEET
BODY COATING	ELECTROSTATIC POWDER COATING
IMPELLER MATERIAL	DKP STEEL SHEET
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +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.

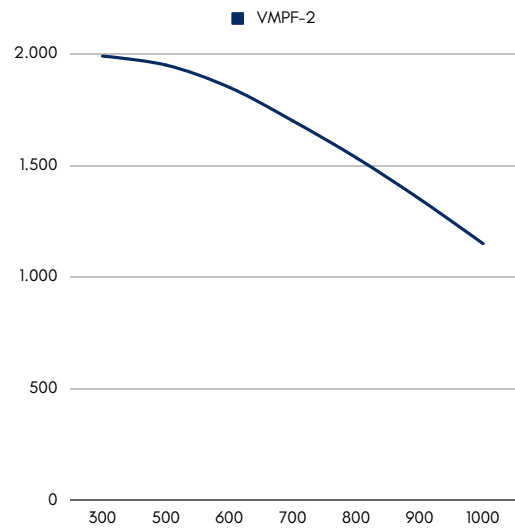
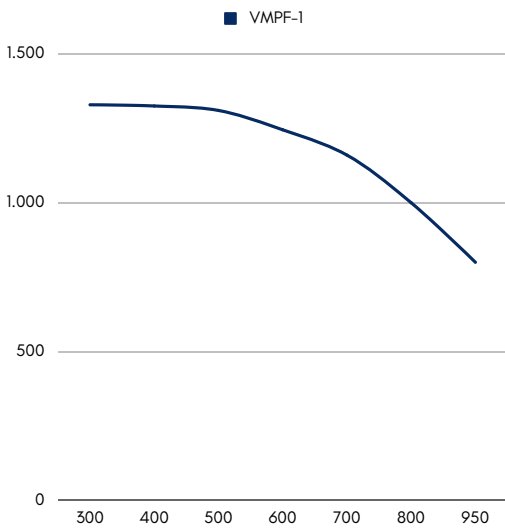
Model	Voltage (V)	Frequency (Hz)	Power (KW)	Speed (r.p.m)	Airflow (m³/h)	Current (A)	Pressure (Max.pa)	Weight (kg)
VMPF-1	230 / 380	50	0,37	2800	950	2.5/1.1	1300	24,5
VMPF-2	230 / 380	50	0,75	2800	1000	5/1.8	2000	31
VMPF-3	230 / 380	50	1,10	2800	1300	7.1/2.4	3000	35
VMPF-4	230 / 380	50	1,50	2800	1600	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

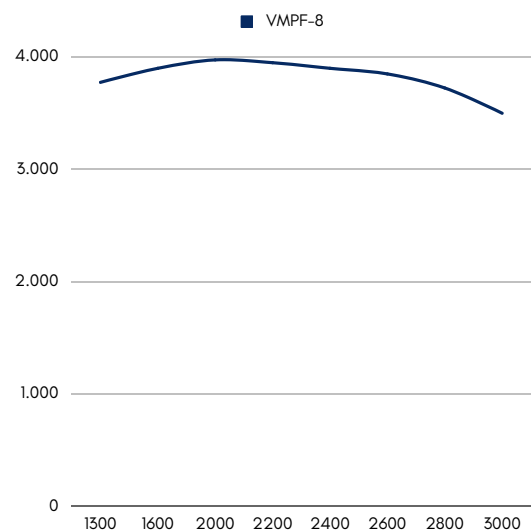
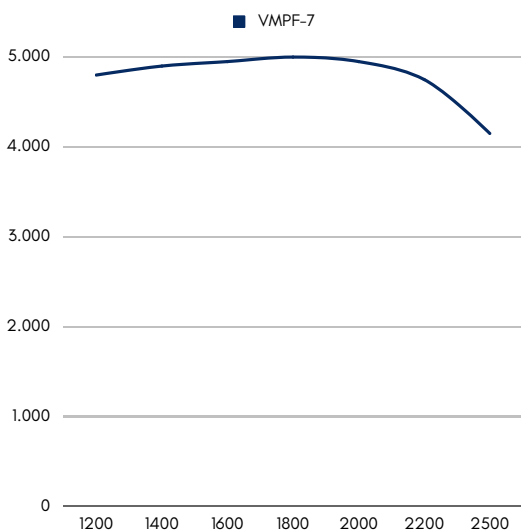
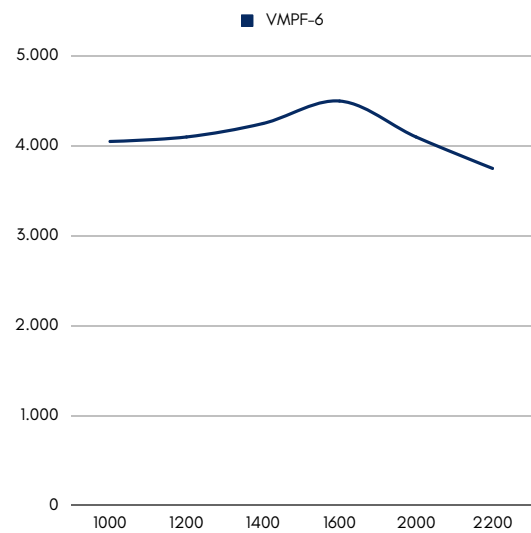
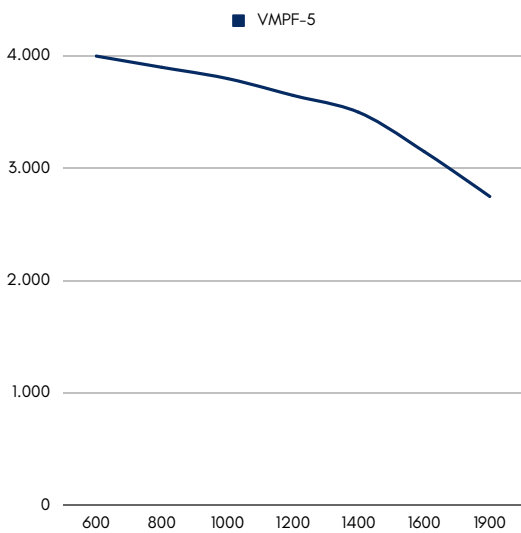
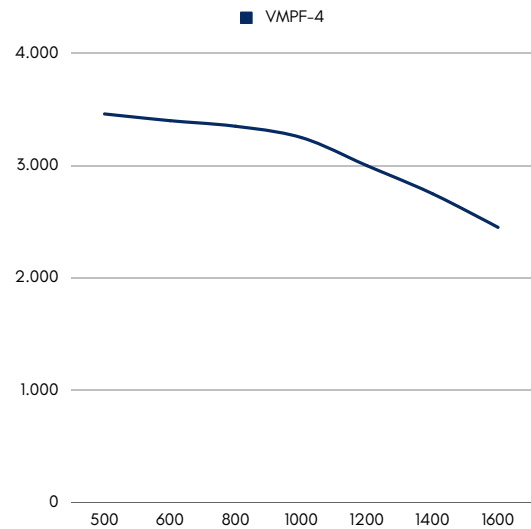
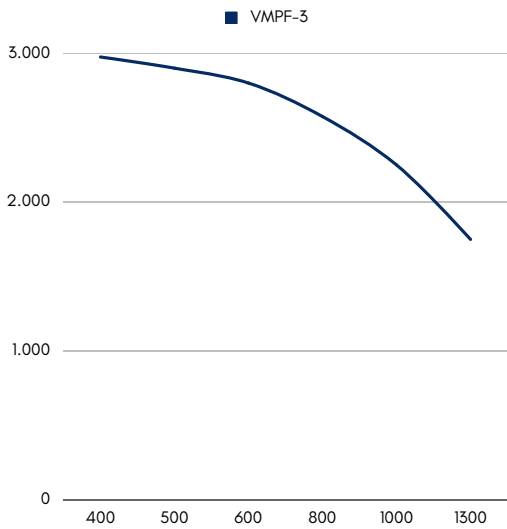


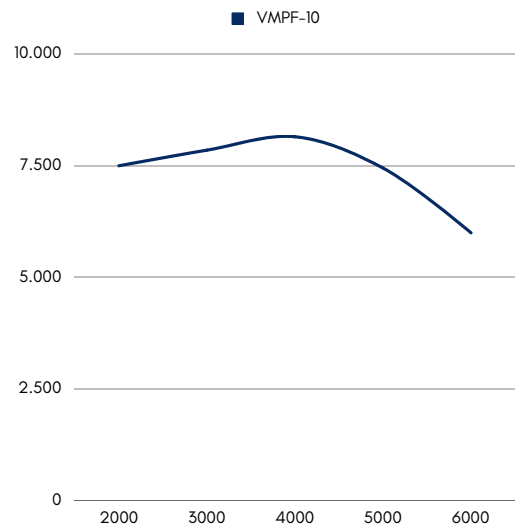
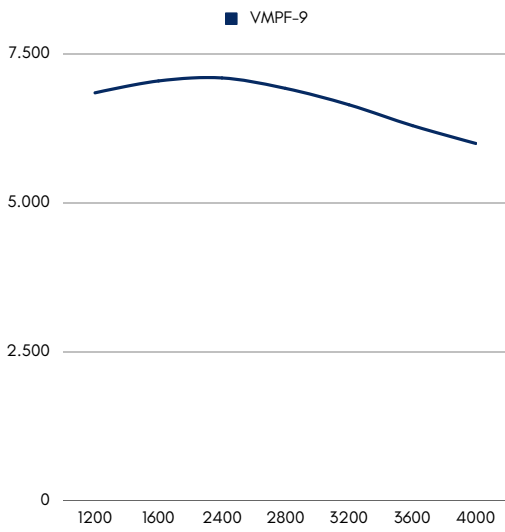
Model	A	B	C	D	ØF
VMPF-1	410	500	100	100	100
VMPF-2	500	580	100	100	120
VMPF-3	530	610	100	100	120
VMPF-4	530	620	120	120	140
VMPF-5	590	650	120	120	140
VMPF-6	660	700	150	150	150
VMPF-7	670	720	150	150	150
VMPF-8	750	780	150	150	150
VMPF-9	790	820	180	180	180
VMPF-10	830	790	200	200	220

PERFORMANCE CURVES



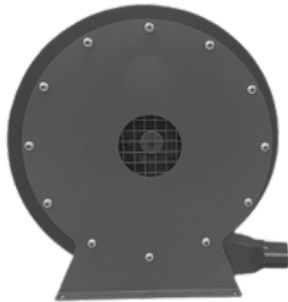
RADIAL FANS / Medium Pressure Centrifugal Fans





VHPF

High Pressure Centrifugal Fan



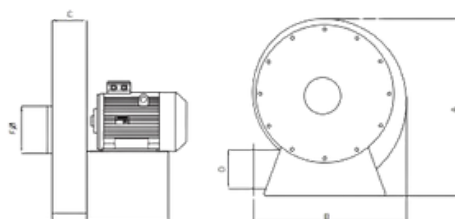
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE2, IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	GAMAK, WAT
BODY MATERIAL	DKP STEEL SHEET
BODY COATING	ELECTROSTATIC POWDER COATING
IMPELLER MATERIAL	DKP STEEL SHEET
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +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.

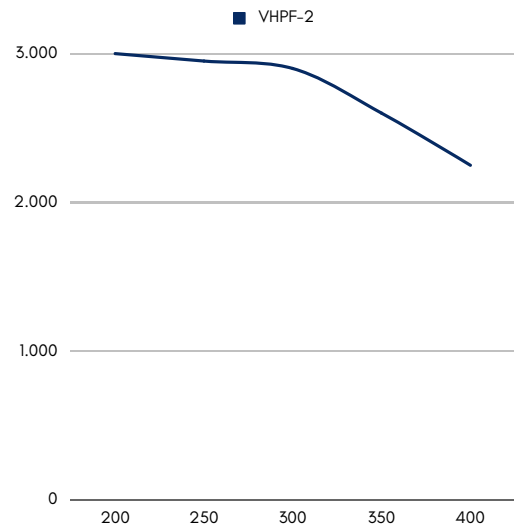
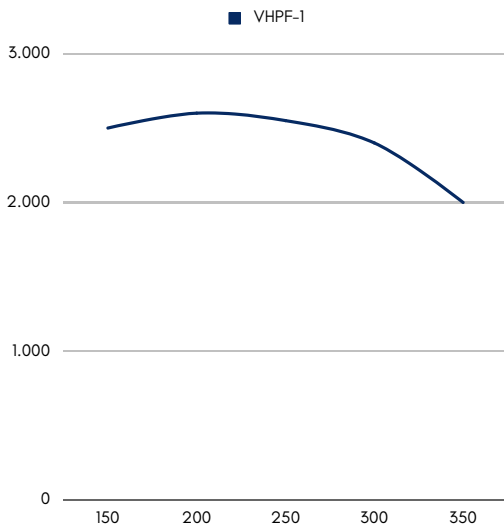
Model	Voltage (V)	Frequency (Hz)	Power (KW)	Speed (r.p.m)	Airflow (m³/h)	Current (A)	Pressure (Max.pa)	Weight (kg)
VHPF-1	230 / 380	50	0,37	2800	350	2.5/1.05	2500	21
VHPF-2	230 / 380	50	0,75	2800	400	5/1.78	3000	28
VHPF-3	230 / 380	50	1,10	2800	450	7.1/2.4	4000	41
VHPF-4	230 / 380	50	1,50	2800	500	10/3.3	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	QF
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

