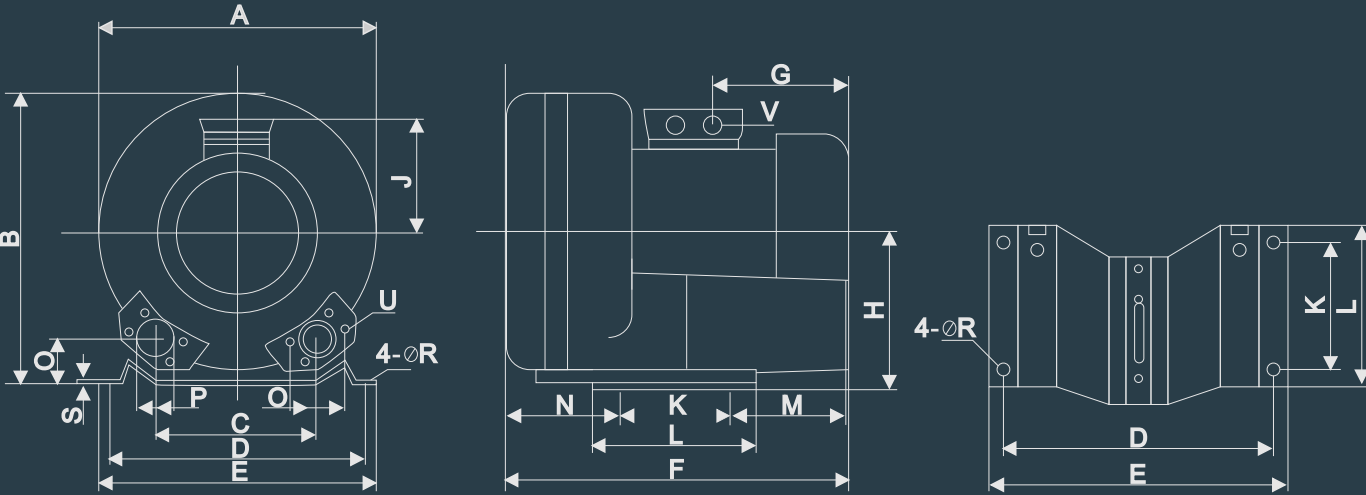




Technical parameter

Model	GB-250	GB-370	GB-550	GB-750	GB-1100	GB-1500	GB-2200	GB-3000	GB-3800	GB-4000	GB-5000	GB-7500
Power (kW)	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	3.8	4.0	5.0	7.5
A	248	248	268	287	335	335	385	375	405	420	452	452
B	248	248	272	306	338	340	390	393	416	470	459	459
C	88	88	95	114	118	118	130	135	135	145	125	125
D	208	208	208	224	275	275	290	298	319	305	355	355
E	235	235	235	255	305	305	305	330	330	330	470	470
F	275	275	278	302	328	345	369	402	410	420	472	472
G	145	145	150	178	170	190	212	160	160	133	240	240
H	130	130	140	153	175	175	215	220	220	220	220	220
J	120	120	133	150	163	163	190	205	205	220	230	230
K	83	83	83	95	140	140	140	140	140	193	170	170
L	158	158	158	130	190	190	234	234	234	234	220	220
O	40	40	40	45	50	50	70	85	85	85	75	75
P	40	40	40	50	60	60	60	60	62	74	74	74
R	10	10	10	10	12	12	12	12	12	12	14	14
S	3	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	5	5

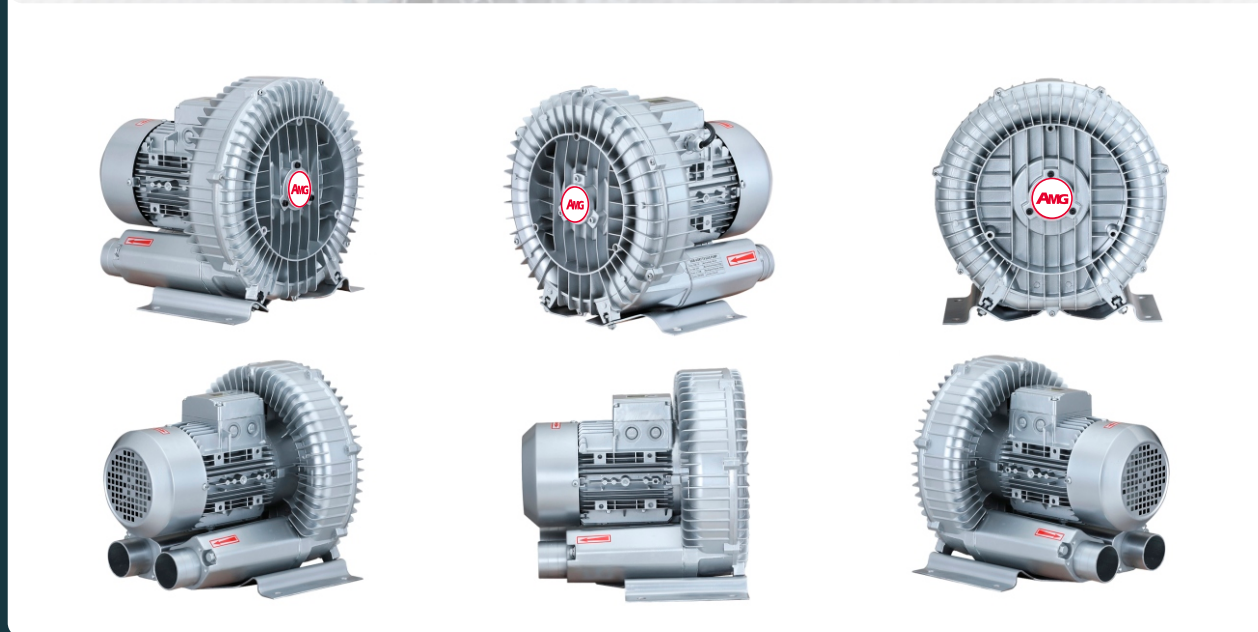


HIGH PRESSURE VORTEX BLOWER

2024



Multi-angle Display



Product

GB Vortex Blower

RELIABLE, EFFICIENT, CONTINUOUS WORK WITHOUT DOWNTIME

Characteristic

GB Vortex high pressure blower can be used in almost all areas without pulsating vacuum and pressure operation requirements. This kind of blower can be installed horizontally or vertically. Die casting aluminum material makes the structure extremely strong.

- High Efficient

GB Vortex high pressure blower is equipped with 1.2service factor high efficiency motor, cold -rolled silicon steel core and high temperature sealing bearing, effectively reduce working temperature rise and guarantee the sustainability of operation. The precision clearance between the cavity and impeller makes the air medium stable with pressure output.

- Not maintained

Permanent sealed high temperature bearings, air cooled motors and contactless impellers can ensure full maintenance free operation.

- Environmental protection

Oil-free compression and built-in silencers and high-efficiency motors allow the GB Vortex high pressure blower to run quietly with low power consumption.

FISH POND CULTURE

INDUSTRIAL ENVIRONMENTAL PROTECTION

VACUUM ADSORPTION

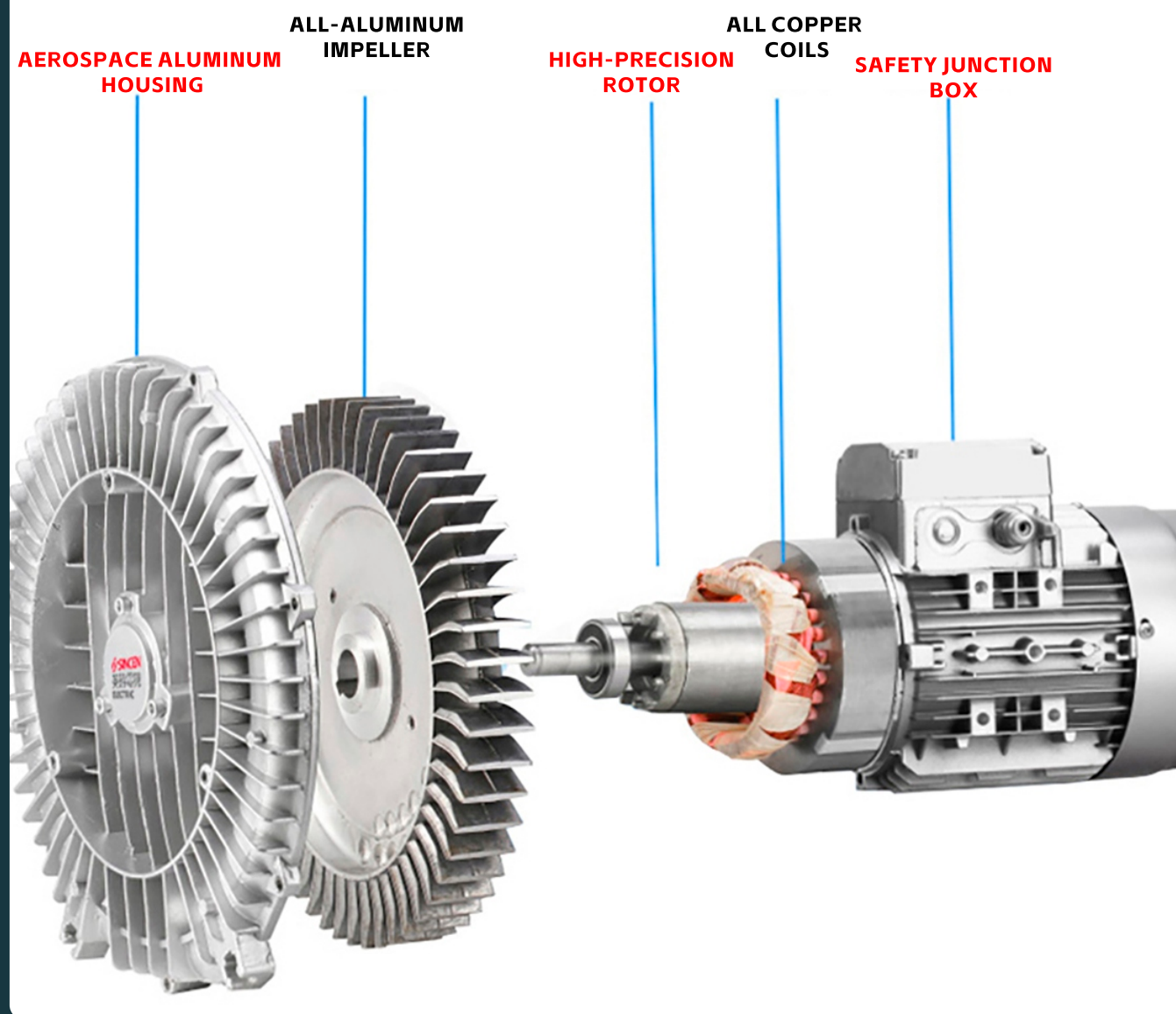
BLOW DRY WITH A WIND KNIFE

SEWAGE TREATMENT

PHARMACEUTICAL PRODUCTION

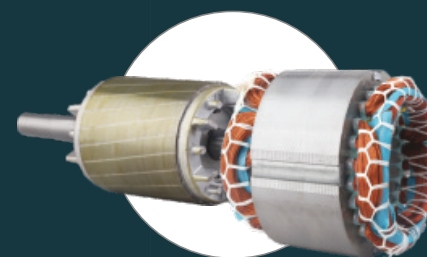
Technical

Note



Technical Note

GB Vortex high pressure blower is according to the principle of pulse, the kinetic energy generated by the rotating impeller is transmitted to the pump medium and converted into the pressure. The side channels formed by the impeller and the aluminum housing directly mounted on the drive motor shaft allow the medium to be compressed and then discharged through the muffler on the pressure side.



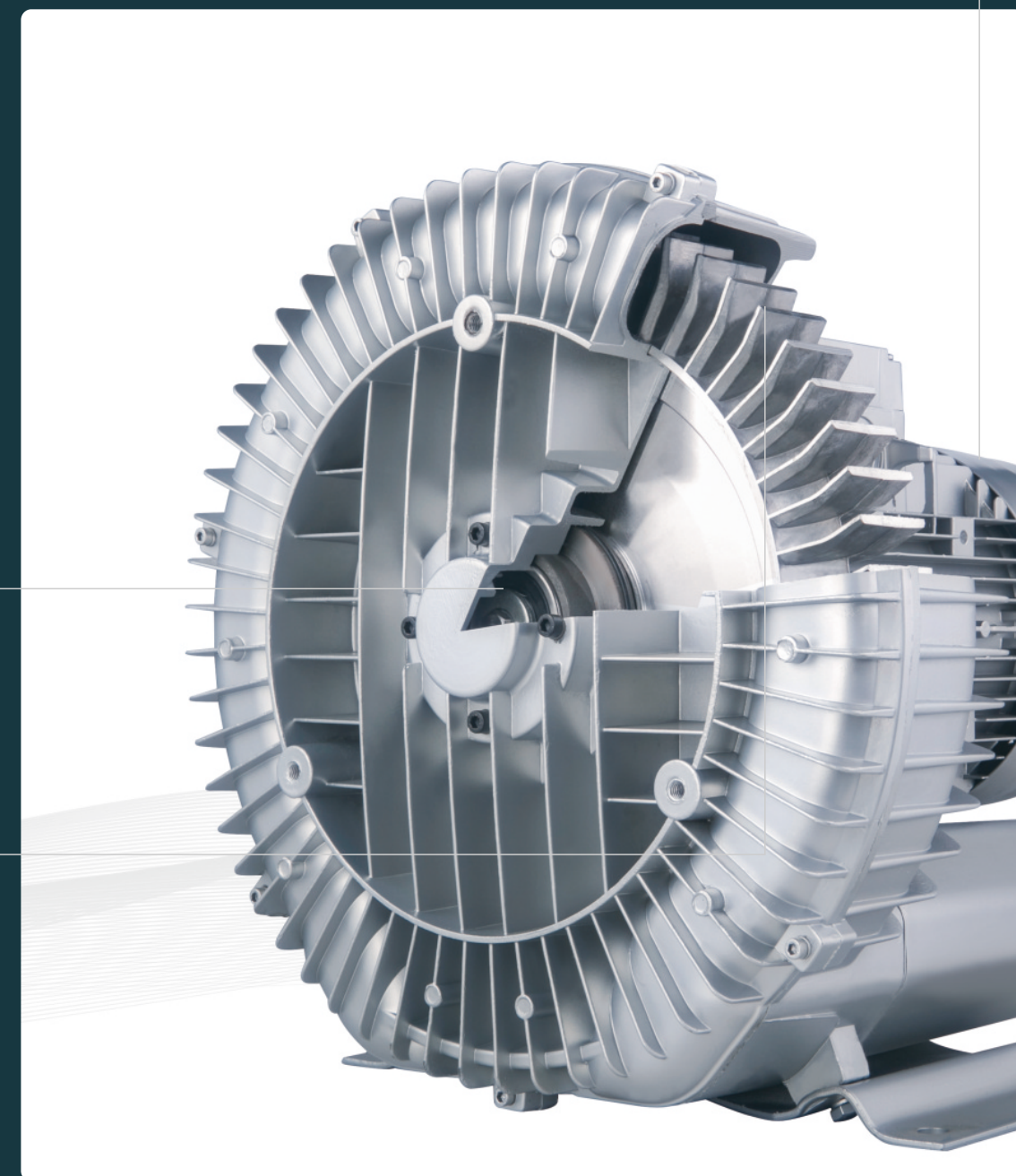
Adopt cold rolling machine core, make the motor run more efficiently and the temperature rise is lower



Imported heat-resistant sealed bearings

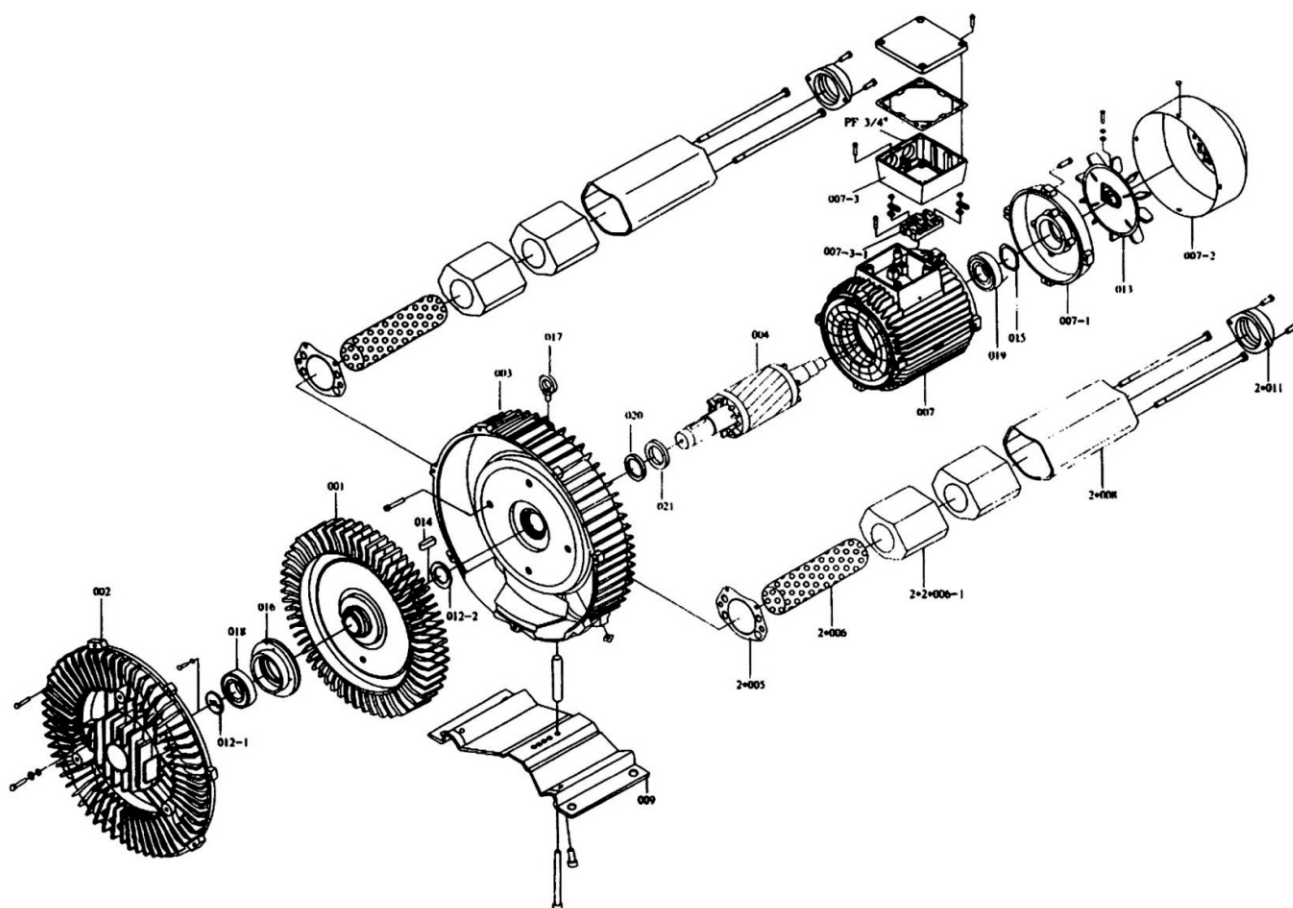


High precision machining, strongly cast aluminum material makes the medium delivery pressure constant and efficient



PART LIST

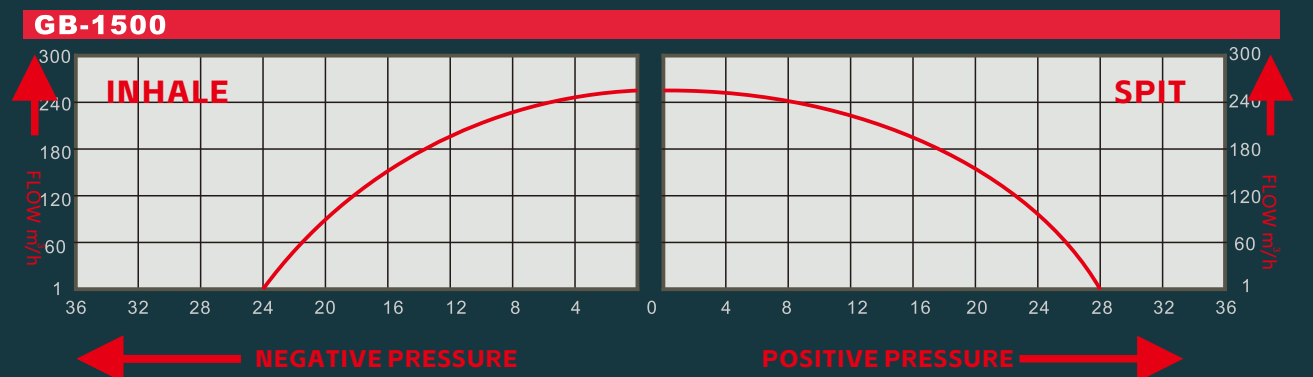
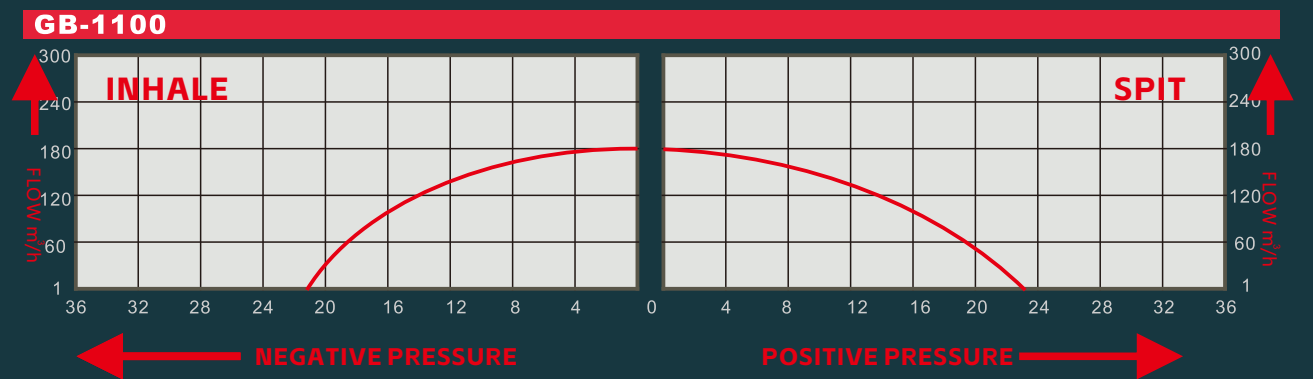
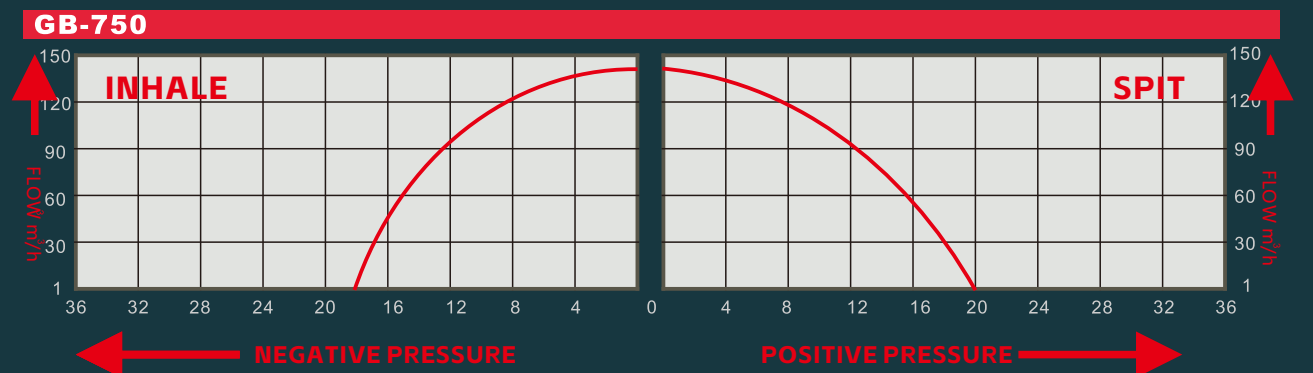
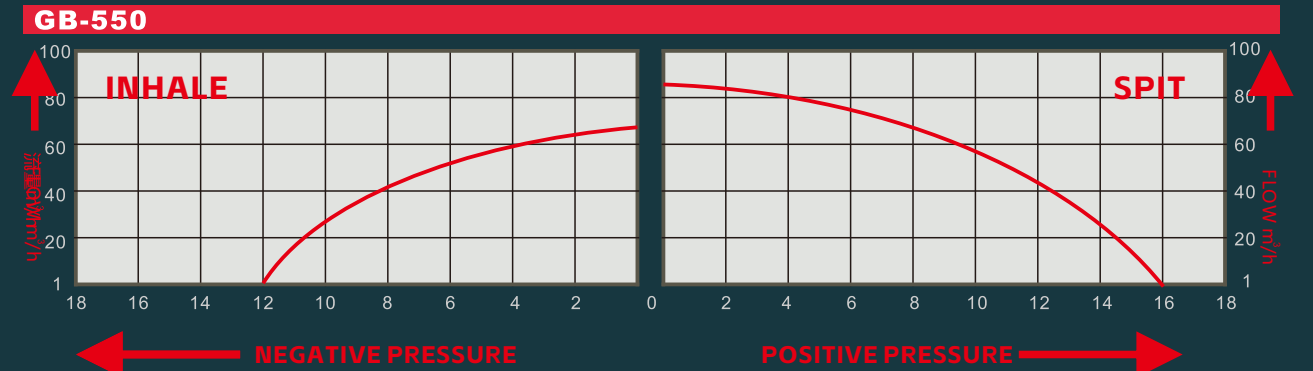
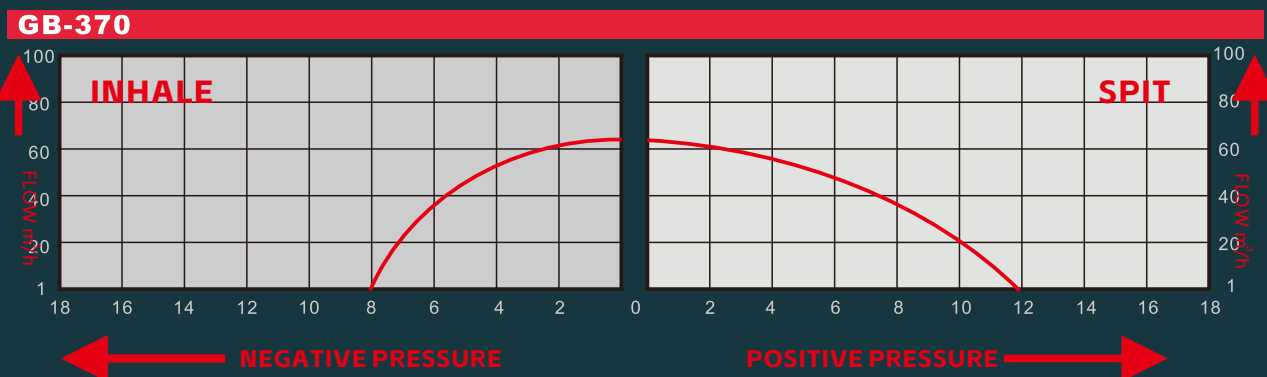
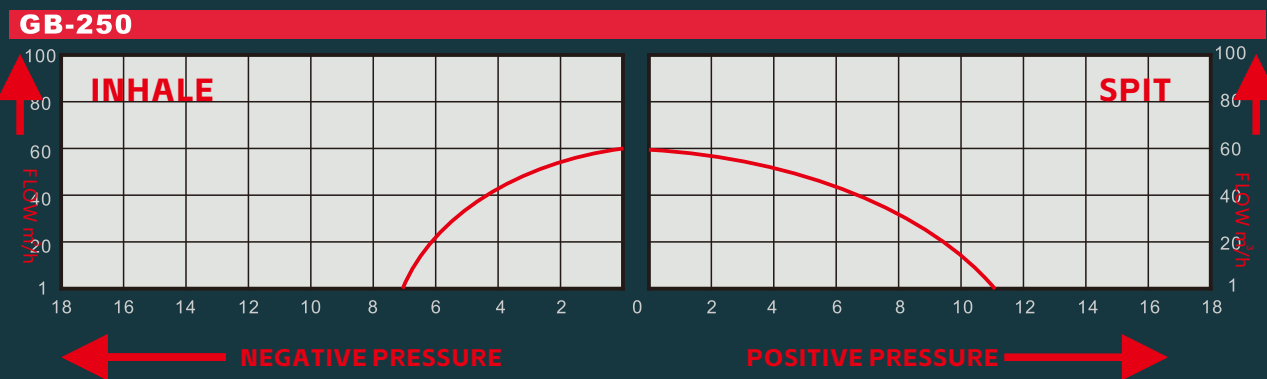
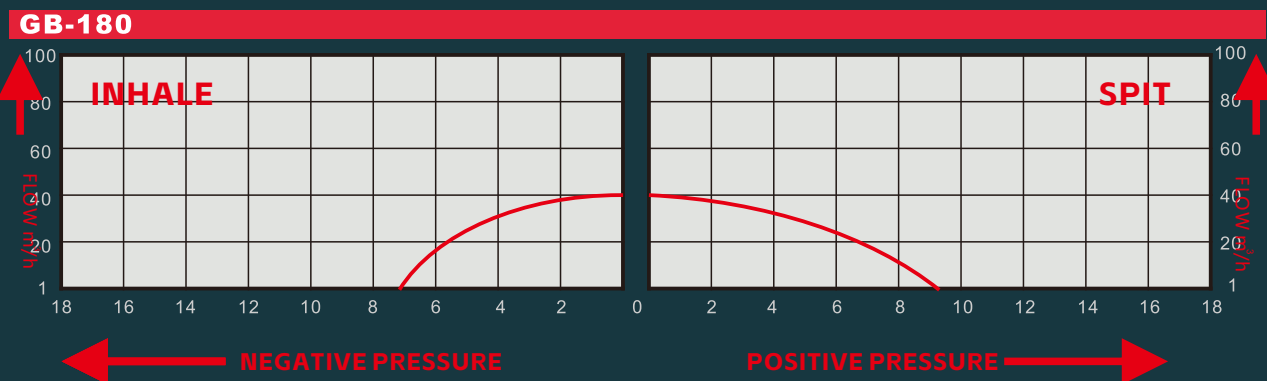
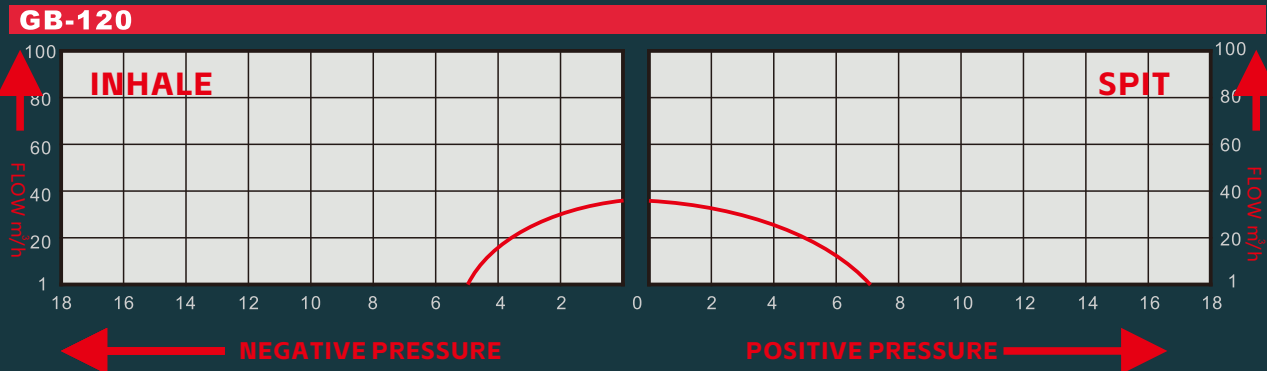
001	Blower Impeller	007-2	Fan cover	014	Key 8*10*30
002	Blower cover	007-3	Terminal box/cover	015	Wave spacer
003	Blower case	007-3-1	Wiring board	016	Bearing cover
004	Rotor of Motor	008	Foot tube	017	Loop M8
005	Spacer of fott tube	009	Foot base	018	Bearing #6206zz
006	Silencer network	011	PF 2" thread output/input	019	Bearing #6205zz
006-1	Silencer sponge	012-1	Spacer 4 mm	020	Shaft sleeve
007	Motor	012-2	Spacer T=0.5mm	021	Oil seal
007-1	End-cap of motor	013	Fan impeller		



Technical parameter

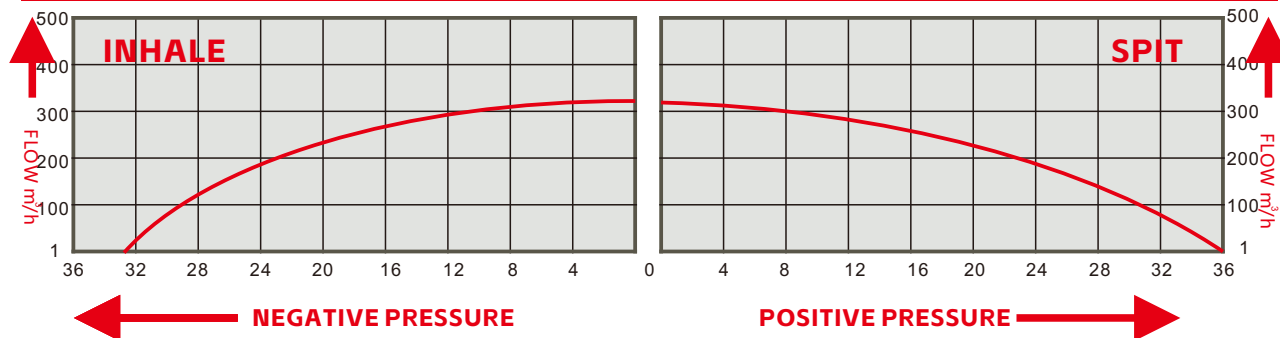
MODEL	VOLTAGE	POWER (KW)	CURRENT RATING (A)	SPEED (R/MIN)	MAX POSITIVE PRESSURE (KPA)	MAX NEGATIVE PRESSURE (KPA)	MAX FLOW RATE (M³/h)	NOISES (dB)	WEIGHT (kg)
GB-120	220V 50HZ	0.12	0.6	2800	7	-5	35	<56	6
GB-180		0.18	0.8		9	-7	40		7.1
GB-250		0.25	1.75		11	-7	60		10
GB-370		0.37	2		12	-8	65	<60	14
GB-550		0.55	3.5		16	-12	85		15
GB-750		0.75	6.5		20	-18	140		20
GB-1100		1.1	7.2		23	-21	180		22
GB-1500		1.5	9		28	-24	250		28
GB-2200		2.2	12		36	-33	310	<70	38
GB-370	Y-380V ▲-220V 50HZ	0.37	0.97/1.5	2800	12	-8	65	<60	14
GB-550		0.55	1.2/2.5		16	-12	85		15
GB-750		0.75	2/3.3		20	-18	140		20
GB-1100		1.1	2.8/4.4		23	-21	180		22
GB-1500		1.5	3.4/6		28	-24	250	<70	28
GB-2200		2.2	5.5/8.5		36	-33	310		38
GB-3000	▲-380V Y-660V 50HZ	3.0	7/11	2800	38	-35	350		39
GB-3800		3.8	7.8/12.5		42	-38	370		43
GB-4000		4.0	8.2/4.7		45	-41	400		54
GB-5500		5.5	12/6.4		54	-48	480	<90	68
GB-7500		7.5	15.5/8.6		57	-50	500		71
GB-9500		9.5	18/10.4		70	-53	960		93
GB-11000		11	21/12.1		80	-56	1000		118
GB-15000		15	28/16.2		85	-58	1050		140
GB-18500		18.5	34/19.6		90	-60	1100		165

VORTEX BLOW PERFORMANCE CURVE

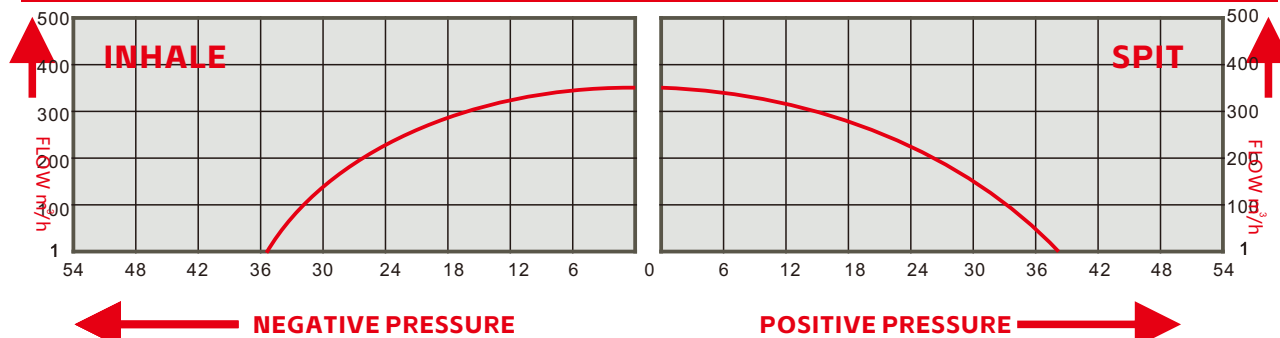


VORTEX BLOW PERFORMANCE CURVE

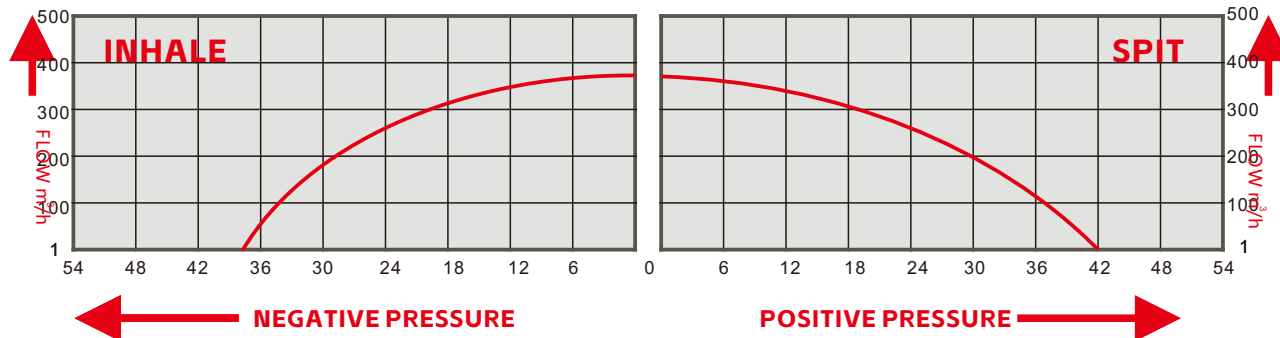
GB-2200



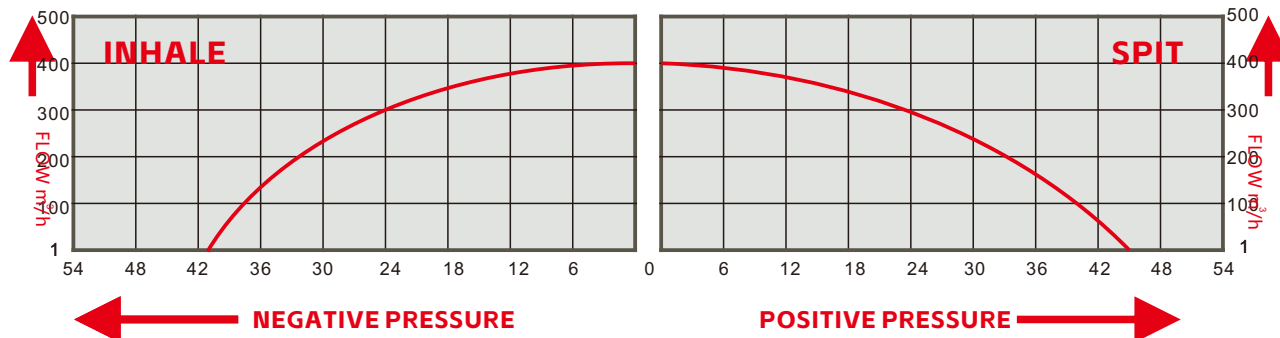
GB-3000



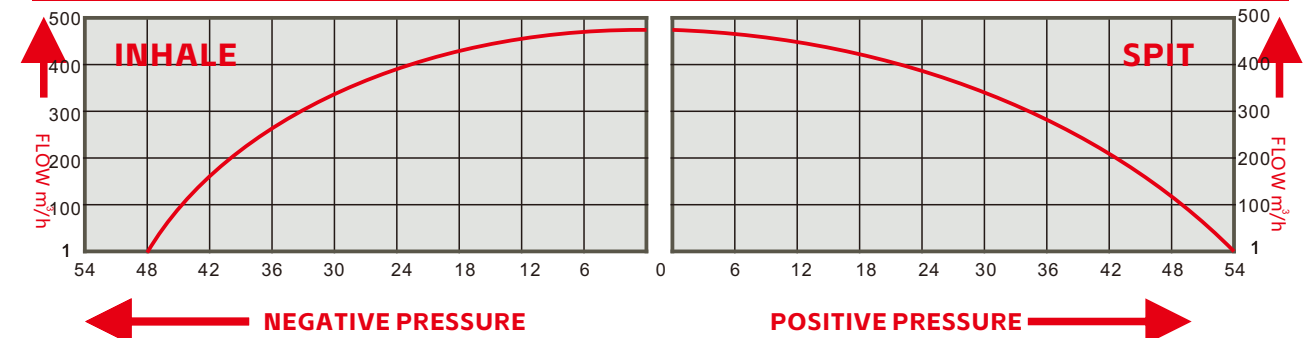
GB-3800



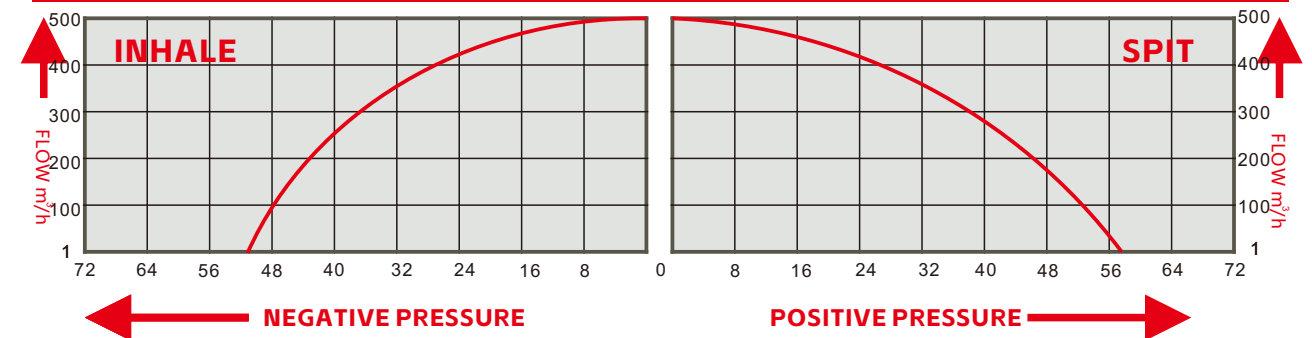
GB-4000



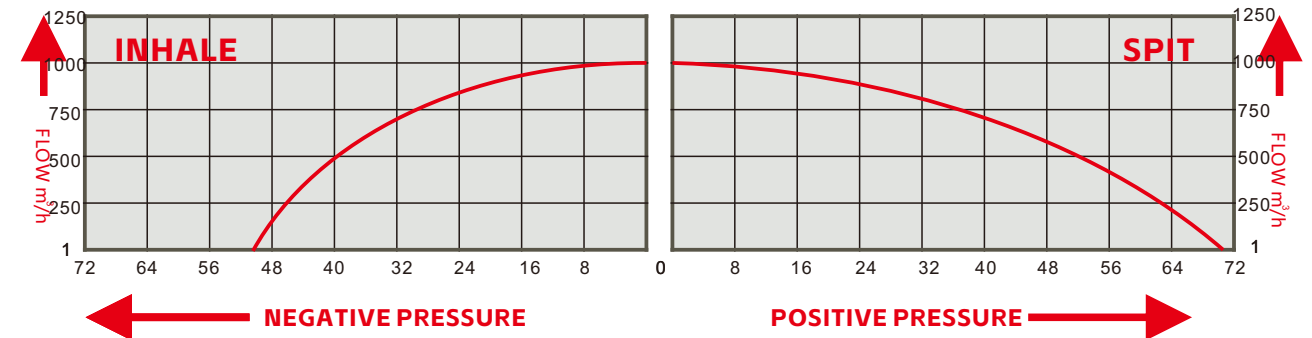
GB-5500



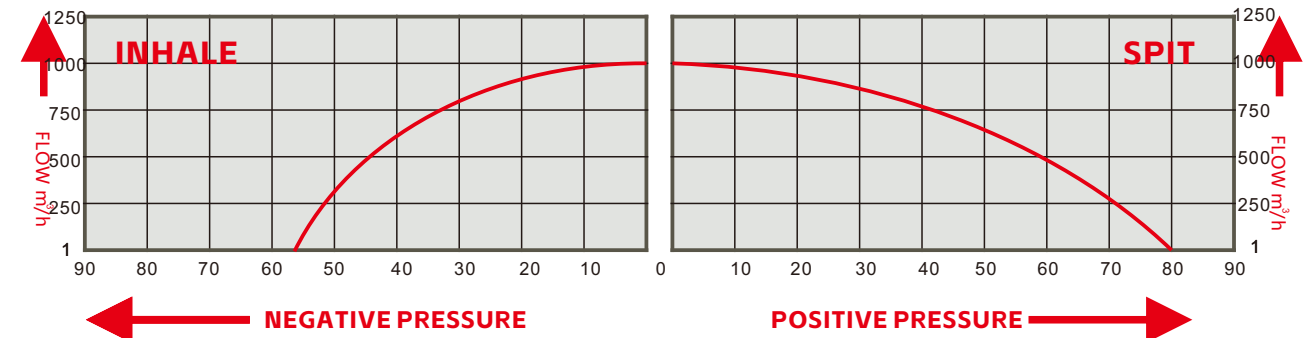
GB-7500



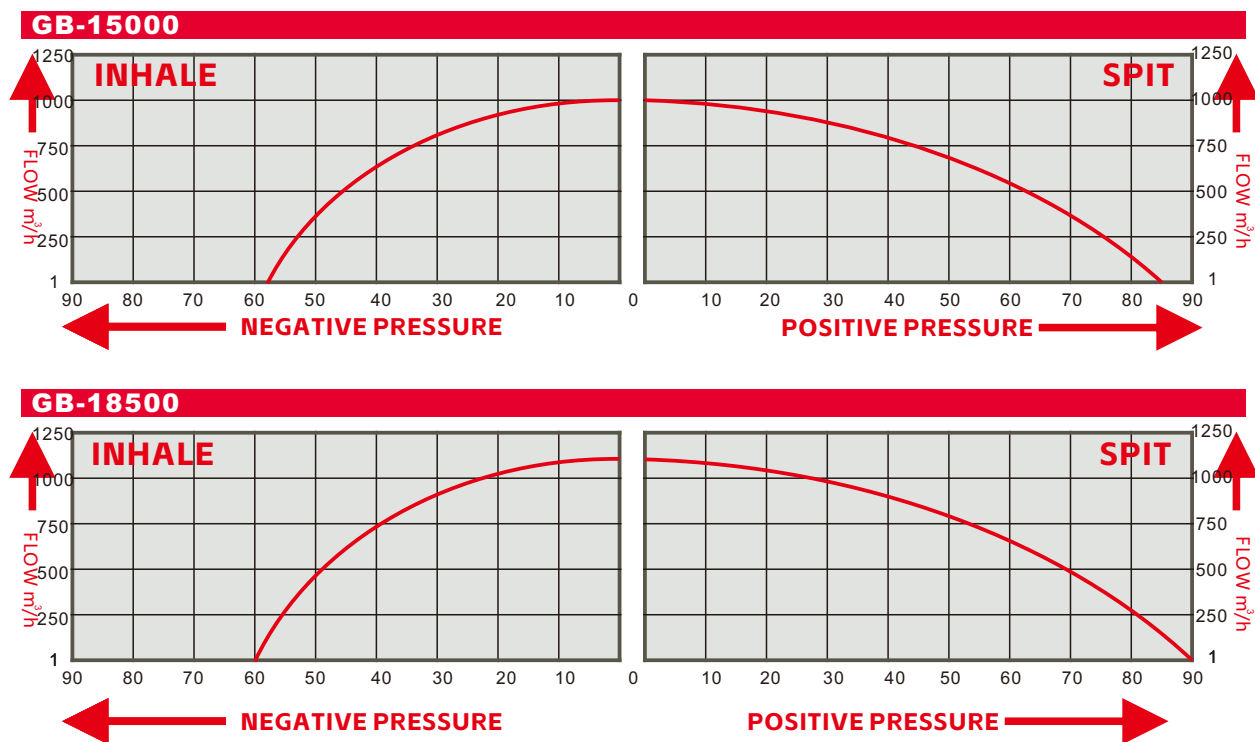
GB-9500



GB-11000



VORTEX BLOW PERFORMANCE CURVE



atmospheric volume, high wind pressure

ACCESSORIES SERIES

