

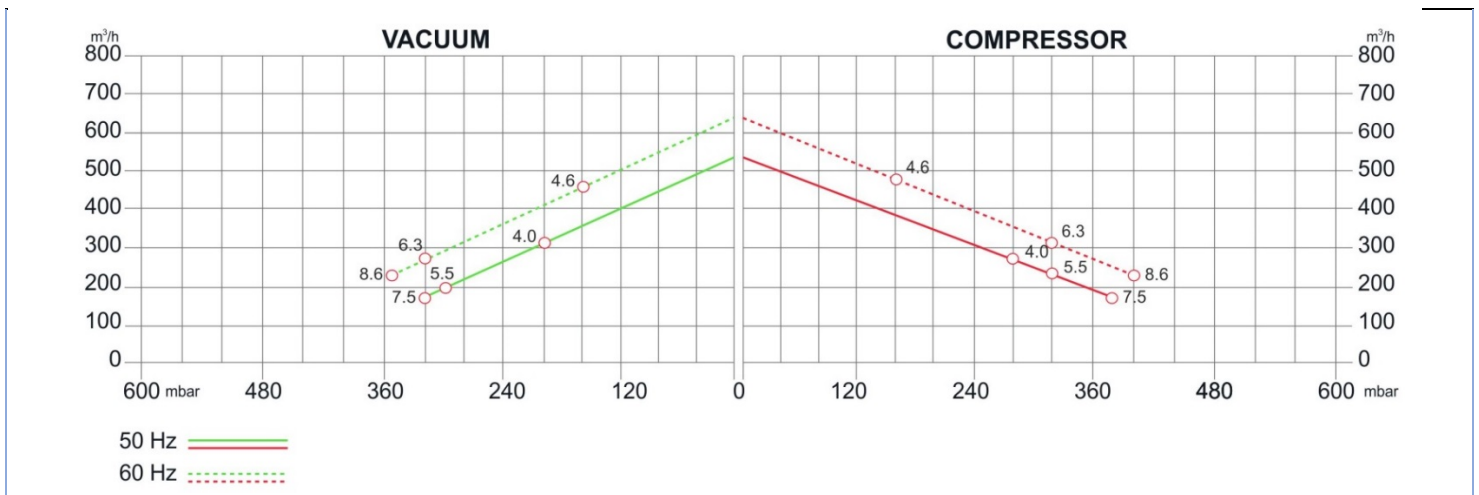
# SIDE CHANNEL BLOWERS

## BL 070 001 – Single Impeller

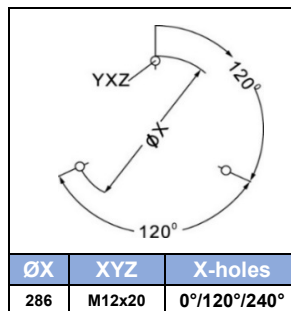
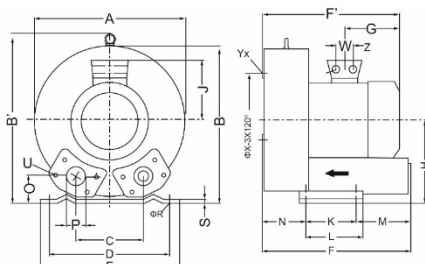


Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminum construction for maximum sturdiness and ease of handling. The characteristics data given here refer to the handling of gas with inlet temperature of 15°C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1023 mbar. Tolerance of ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m <sup>3</sup> /h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			Δ	Y	Δ	Y					
BL07000104000	50	4.0	345+415	600+720	9.5	5.5	530	-200	200	70	51
	60	4.6	380+480	660+720	9.5	5.5	620	-160	160	74	
BL07000105500	50	5.5	345+415	600+720	12.9	7.4	530	-300	320	80	62
	60	6.3	380+480	660+720	12.9	7.45	620	-320	340	82	
BL07000107500	50	7.5	345+415	600+720	16.7	9.6	530	-320	380	80	65
	60	8.6	380+480	660+720	17.3	10.0	620	-350	400	82	
BL07000107503	50	7.5	200+240	345+415	29	16.7	530	-320	380	70	66
	60	8.6	220+275	380+480	30	17.3	620	-350	400	74	
BL07000105503	50	5.5	200+240	345+415	22.3	12.8	530	-300	320	70	63
	60	6.3	220+275	380+480			620	-320	340	74	



MODEL	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	P	ØR	S	V	W
BL07000104000									450															
BL07000105500									477															
BL07000107500	451		461	509	152	356	394	433		230	240		148	170	217	140	124		65	G 2½	15	6	4xM32x1.5	42
BL07000107503									450															
BL07000105503																								



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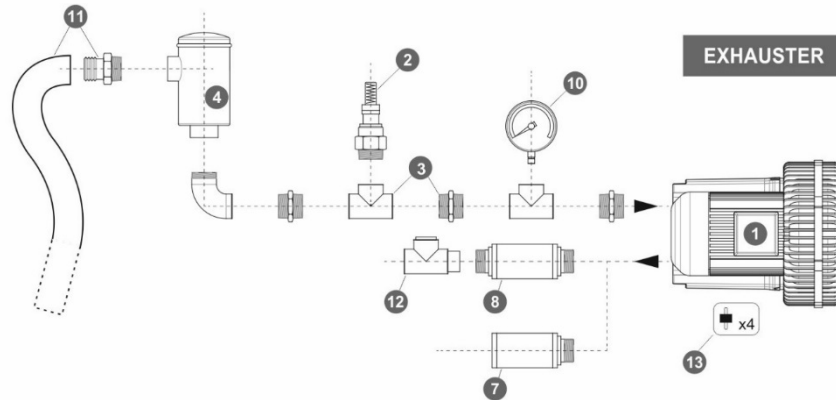
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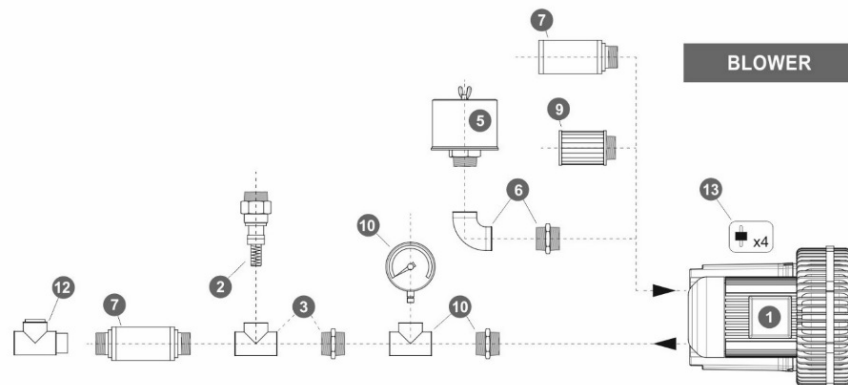
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# SIDE CHANNEL BLOWERS

## BL 070 001 – Single Impeller



Ref. #	Description	Code
1	Side Channel Blower – Single Impeller / Single Stage – 2”½ connection	BL 070 001__
2	Safety Valve	BLSV050AL03
3	Installation kit safety valve	BLKS050050C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ
5	Cartridge filter	BLCF065PA007
6	Filter kit	Nipple Socket
7	Final Silencer	BLFS065ZP - BLFS065ZPR
8	In-Line silencer	BLIS065
9	Indoor filter	BLIF065ZP100
10	Gauge	Pressure Vacuum
11	Sleeve + Hose clip kit	BLSH065
12	Check valve	BLCV065AL
13	Anti-vibration pins	BLAV12



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