

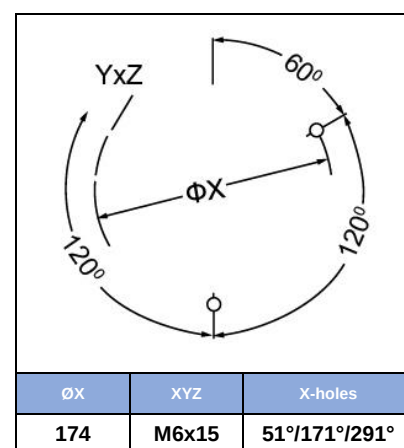
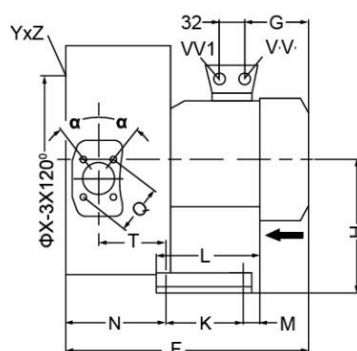
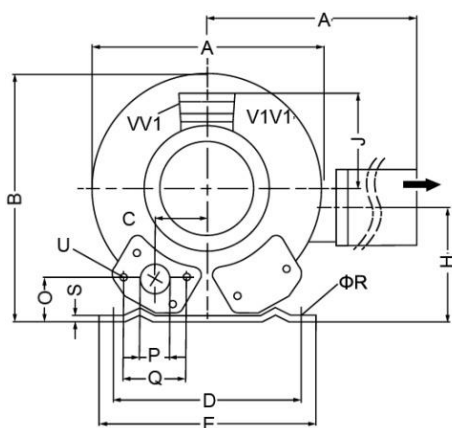
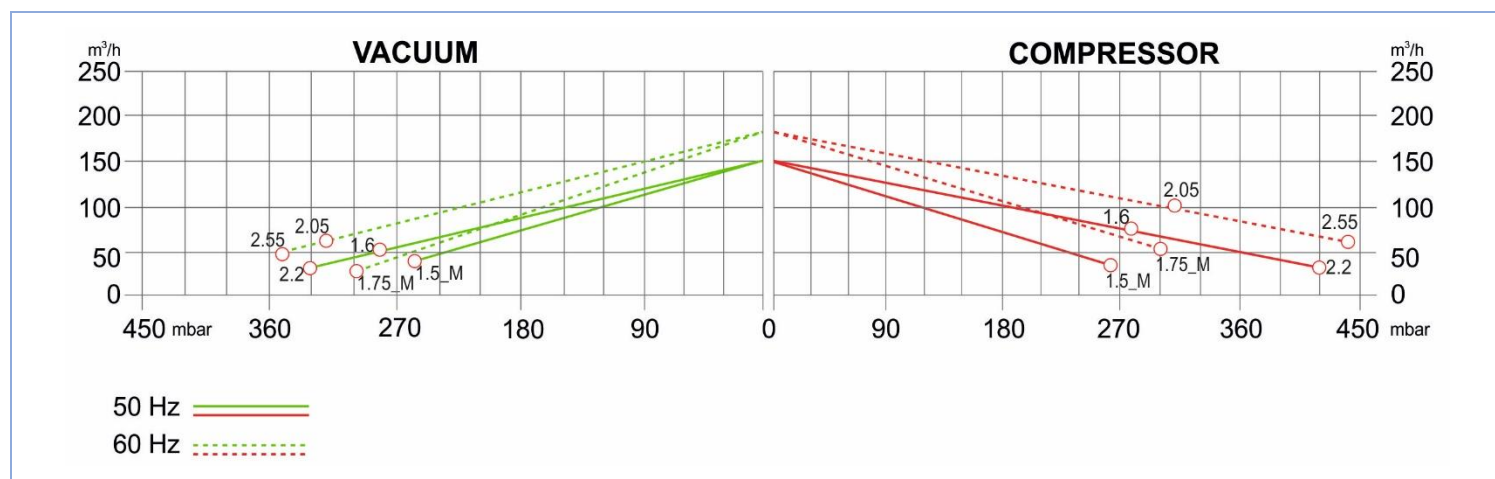
SIDE CHANNEL BLOWERS

BL 420 002 – Double 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/m³ and absolute pressure of 1023 mbar. Tolerance of ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m ³ /h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
BL42000201600	50	1.60	200÷240	345÷415	7.5	4.3	150	-280	280	66	25
	60	2.05	220÷275	380÷480	7.6	4.4	180	-320	310	69	
BL42000202200	50	2.20	200÷240	345÷415	9.7	5.6	150	-330	420	66	27
	60	2.55	220÷275	380÷480	10	5.8	180	-350	440	69	
BL420002M1500	50	1.50	200÷240		9		150	-260	260	66	28
	60	1.75	200÷240		9.5		180	-300	290	69	



MODEL	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	(1~)		(3~)		α
																							V	V'	V	V1'	
BL42000201600																							-	-	M25X1.5	M16X1.5	28
BL42000202200	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G 1½	72	12	3	104	M6x19					
BL320002M1500																							M16X1.5	M25X1.5	-	-	

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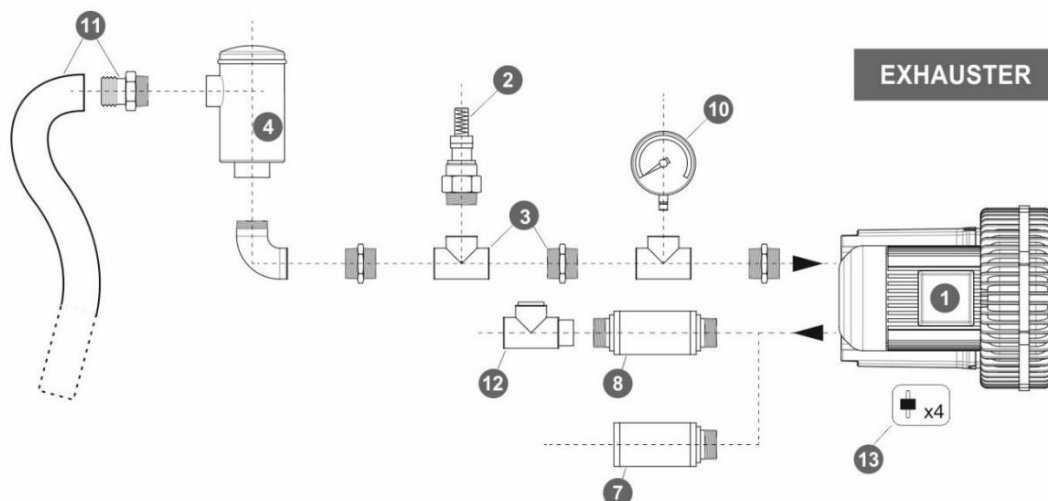
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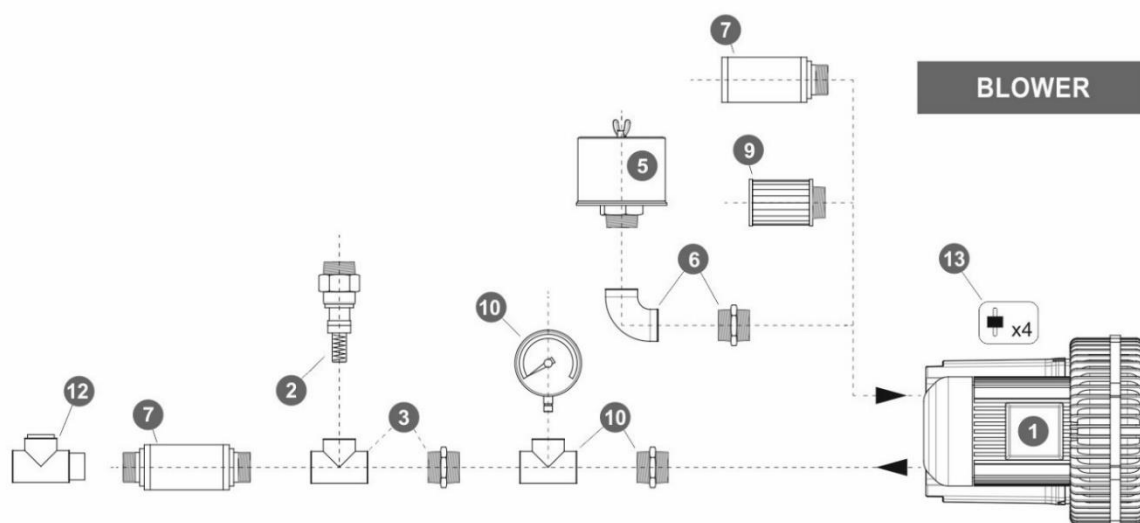
Technical data can be changed without notice
TD_BL420002_rev 3.0

SIDE CHANNEL BLOWERS

BL 420 002 – Double Impeller



Ref. #	Description		Code
1	Side Channel Blower Double Impeller / Double Stage – 1”¼ connection		BL 420 002 __
2	Safety Valve		BLSV032L03 BLSV032AL36
3	Installation kit safety valve		BLKS032040C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	BLIL040PA007 BLIL040PO025 BLIL040SS030 BLIL040SS060
5	Cartridge filter		BLCF040PA007
6	Filter kit	Nipple Socket	BLKC040PN BLKC040PS
7	Final Silencer		BLFS040ZP - BLFS040ZPR
8	In-Line silencer		BLIS040
9	Indoor filter		BLIF040ZP100
10	Gauge	BLMN06306 BLVG06306	BLMN06306 BLVG06306
11	Sleeve + Hose clip kit		BLSH040
12	Check valve		BLCV040AL
13	Anti-vibration pins		BLAV06



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