ARICAL
TECHNOLOGIES SOLUTIONS

Catalogo Generale
Soffianti a canali laterali

Idee, Progetti, Soluzioni…

Arical S.r.l. via Friuli, 18 – 20052 – Vignate (MI) Tel. +39 02 86 882 999
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Introduzione

Arical Srl è leader nella distribuzione di componenti industriali, ci rivolgiamo a costruttori, utilizzatori finali, proponendo sempre prodotti di alto livello. Le nostre soffianti a canali laterali, sono ampiamente utilizzate nei settori INDUSTRIA, AMBIENTALE, FARMACEUTICO, MECCANICO, CHIMICO, COSMETICO, IDRICO, e in tutti quei settori dove si rende necessario l'utilizzo della soffiante.

Arical nasce nel 2016, forte di un'esperienza di oltre 40 anni nei processi di asciugatura a caldo e nella termosaldatura di materiali plastici. Le esigenze dei nostri clienti e il sodalizio che si crea nel tempo collaborando insieme, porta Arical a ricercare sempre nuovi prodotti per soddisfare le necessità dei propri clienti.

Le soffianti a canali laterali sono uno di questi prodotti, la qualità delle nostre soffianti, le prestazioni ai massimi livelli e un'ampia disponibilità di macchine sempre in pronta consegna, fanno di Arical non solo un fornitore, ma un partner su cui poter sempre contare.

Il nostro catalogo comprende anche tutti gli accessori per le soffianti, dalla raccorderia fino ai silenziatori, piedi antivibranti, filtri di ogni genere e altro ancora.

Tutti i nostri prodotti sono disponibili ad essere testati e pronti a superare ogni tipologia di prova a cui vorrete sottoporli.

Per conoscere tutti i nostri prodotti a catalogo, visitate il nostro sito: **www.aricaltech.it**.

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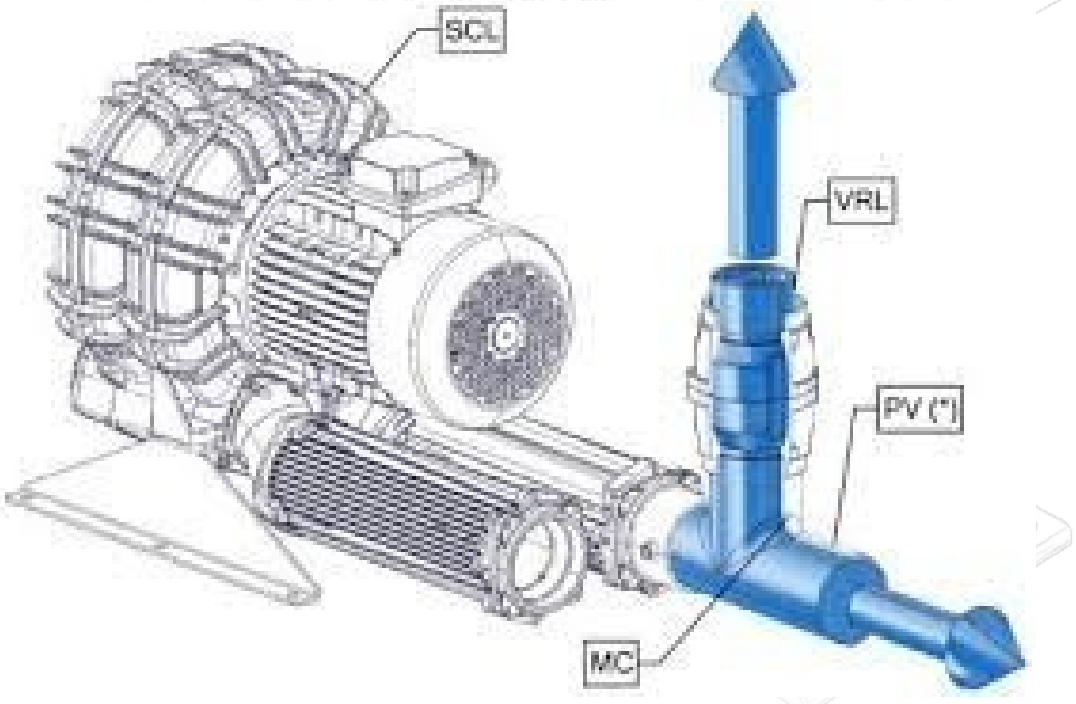

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Applicazioni

Sistemi di trasporto pneumatico

Sistemi di sollevamento a vuoto

Sistemi di asciugatura ad aria

Macchine per imballaggio

Trattamento delle acque reflue

Bonifiche del terreno

Macchine per imbottigliamento

Macchine per insacchettamento

Allevamenti ittici

Sistemi di termoformatura

Stampanti industriali a laser

Macchinari per la stampa

Piscine

Macchine da taglio CNC

Processi alimentari

Processi cartacei

Macchinari tessili

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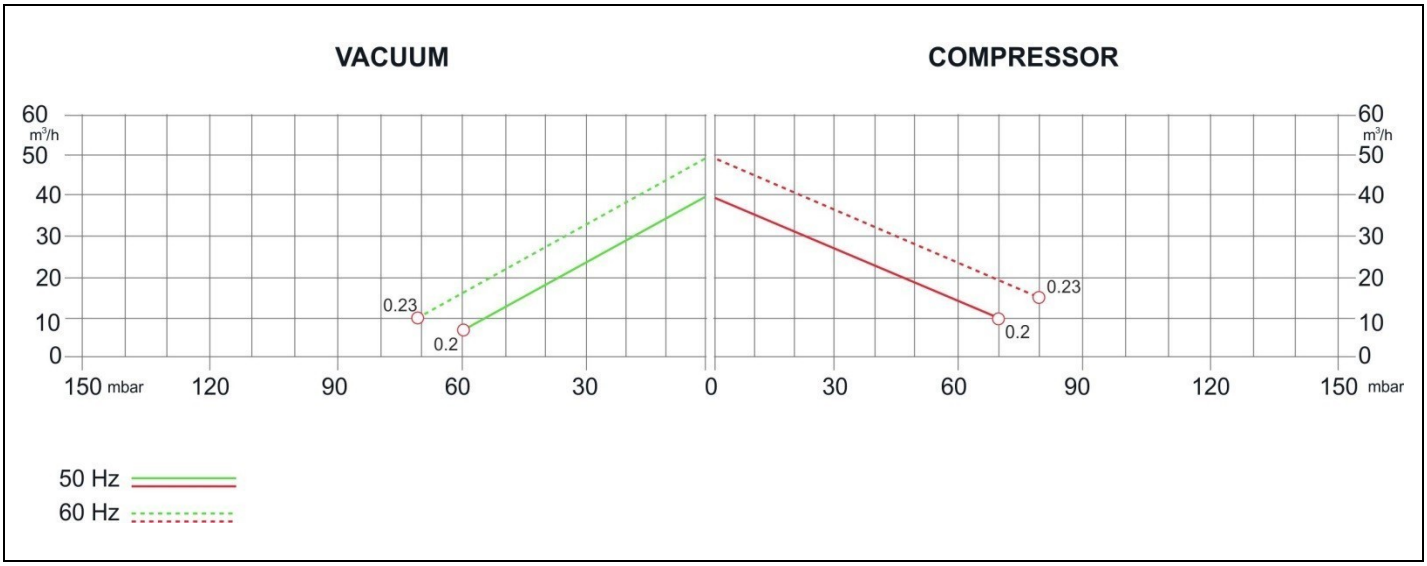
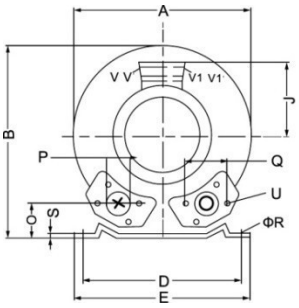
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

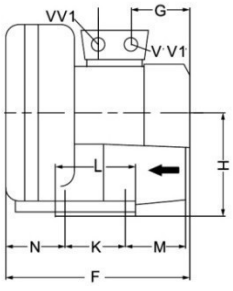
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

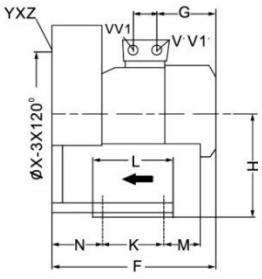
Series R-BL 010 001

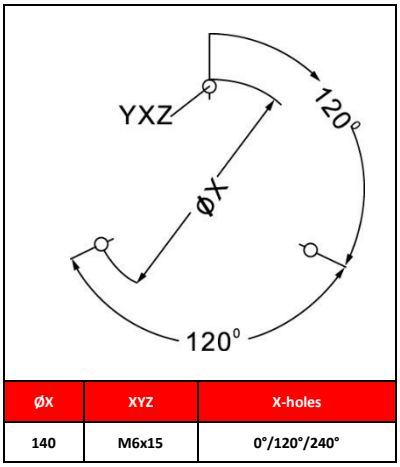
Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL01000100200	50	0.2	200÷240	345÷415	1.0	0.6	40	-60	70	50	6
	60	0.23	220÷275	380÷480	1.0	0.6	50	-70	80	51	
R-BL010001M0200	50	0.2	200÷240		1.43		40	-60	70	50	
	60	0.23			1.3		50	-70	80	51	











ØX	XYZ	X-holes
140	M6x15	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V1	(3~) V1'
R-BL01000100200	198	212	85	179	196	220	108	115	100	65	90	40	45	34	G1¼	60	8,5	2	M6x17				
R-BL010001M0200	198	212	85	179	196	220	108	115	100	65	90	40	45	34	G1"	64	8,5	2	M6x17				

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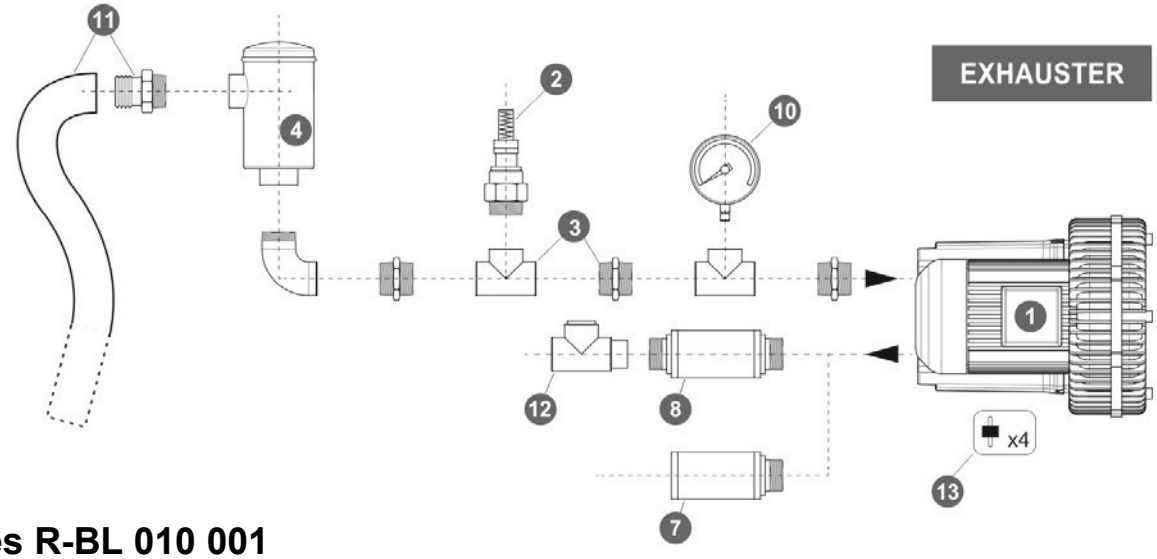
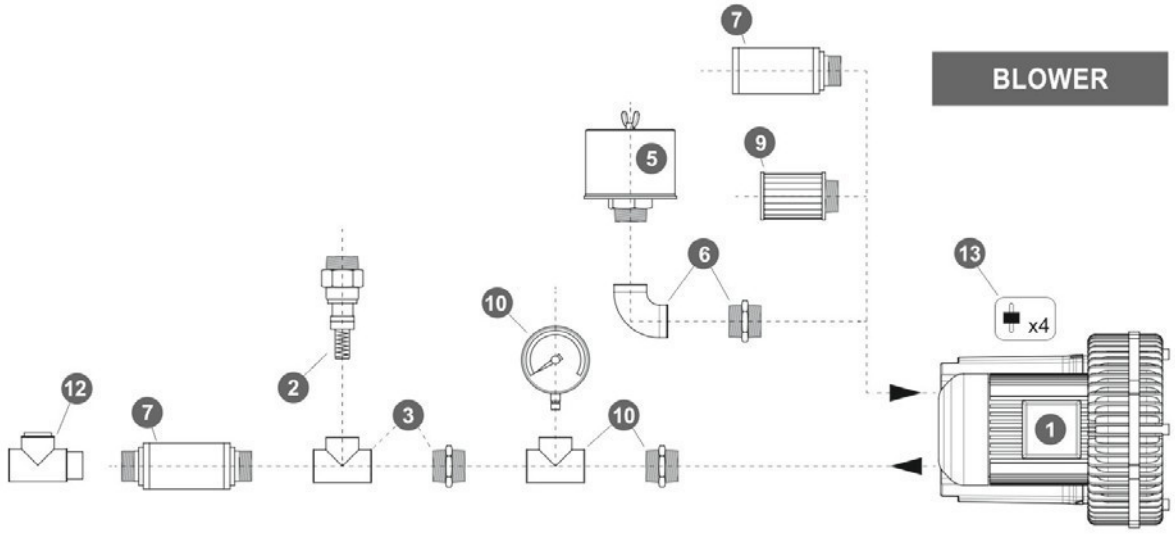
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 010 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 010 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032025C
4	In-Line filter	Paper	AS--BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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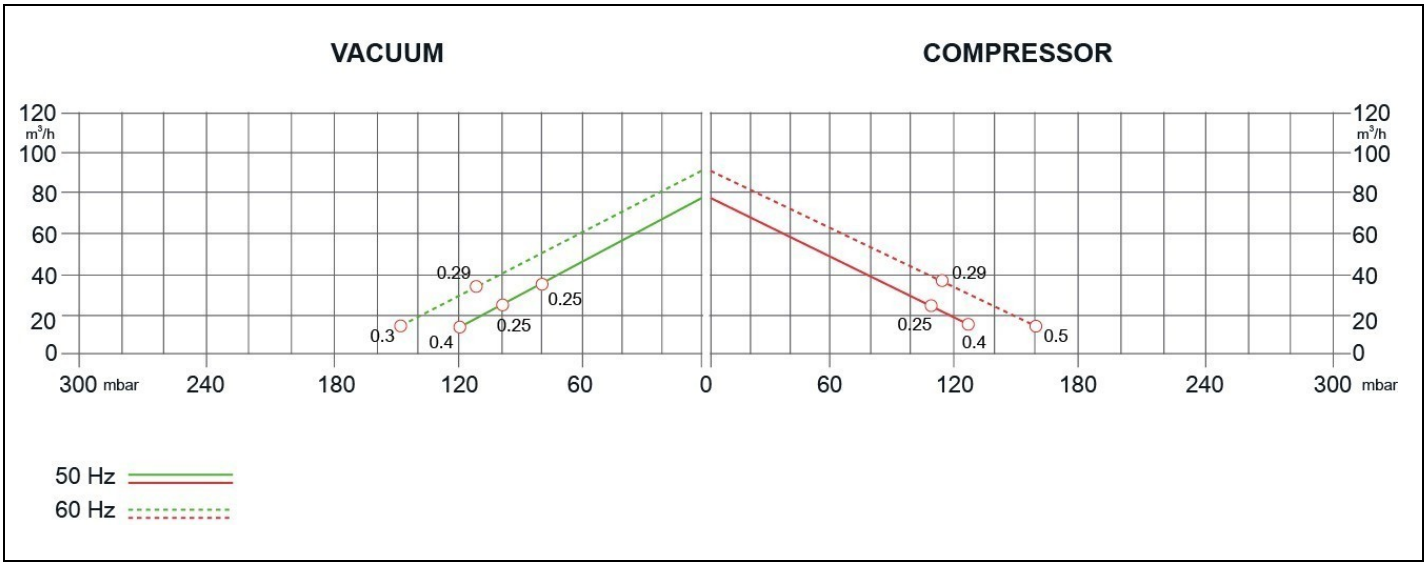
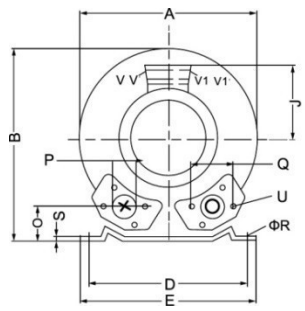
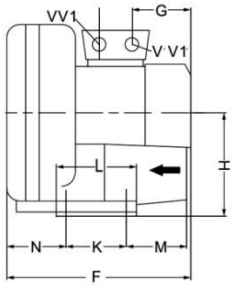
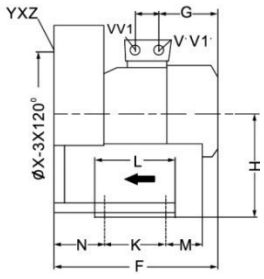
Series R-BL 020 001

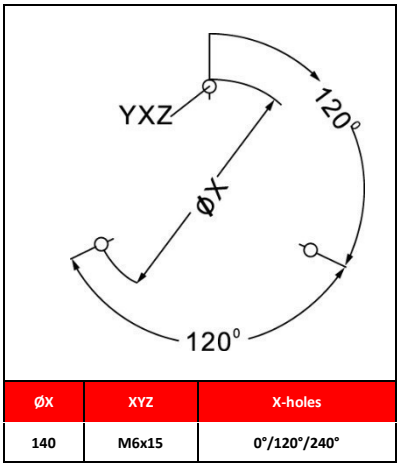
Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL02000100400	50	0.4	200÷240	345÷415	2.6	1.5	80	-120	130	53	10
	60	0.5	220÷275	380÷480	2.6	1.5	98	-150	160	56	
R-BL020001M0400	50	0.4	220÷240		2.7		80	-120	130	53	
	60	0.5			3.2		98	-150	160	56	











ØX	XYZ	X-holes
140	M6x15	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V1	(3~) V1'
R-BL02000100400	246	247	90	205	230	256	135	128	101	83	108	75	71	39	G1¼	64	10	3	M6x19			M25X1.5	M16X1.5
R-BL020001M0400	246	247	90	205	230	256	135	128	101	83	108	75	71	39	G1¼	64	10	3	M6X20	M16X1.5	M25X1.5		

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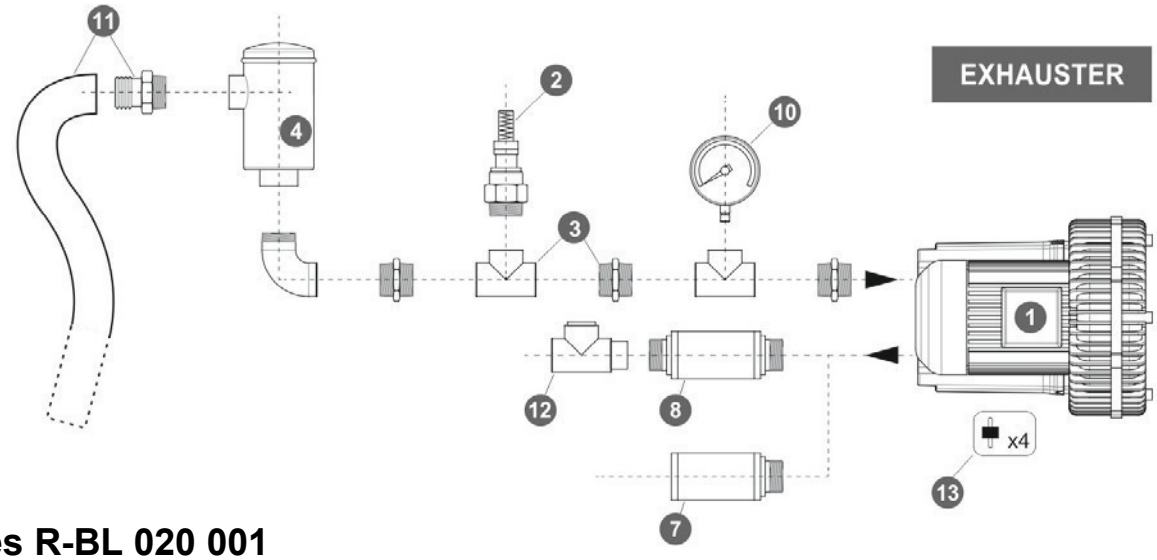
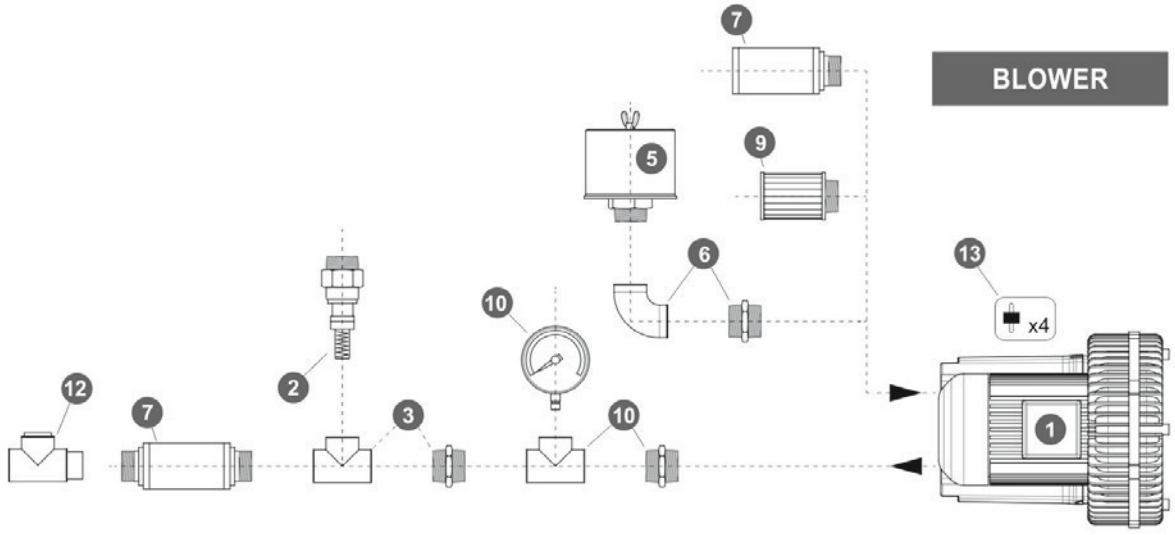
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 020 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 020 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

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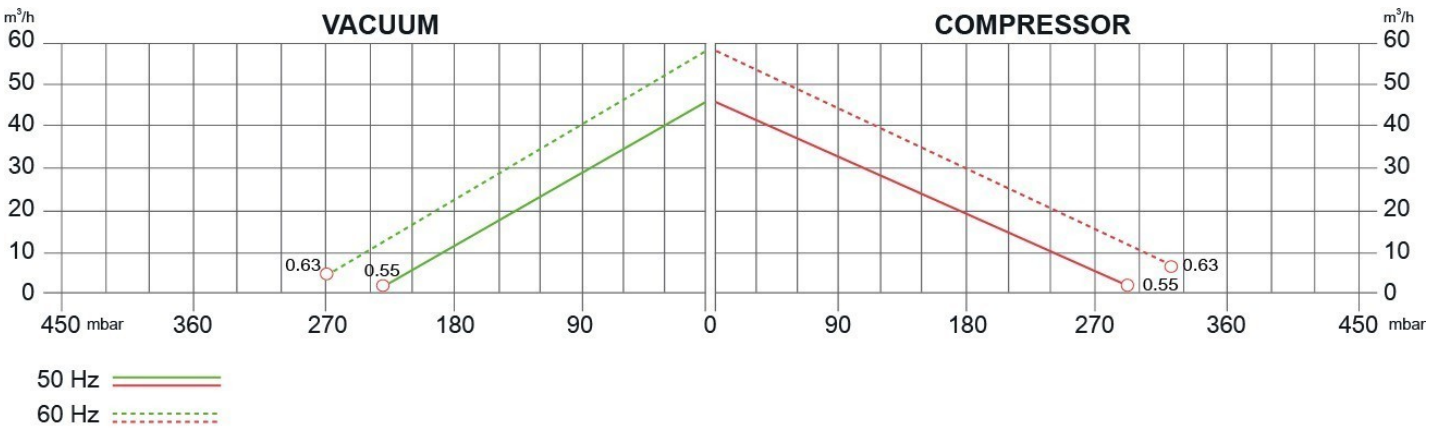
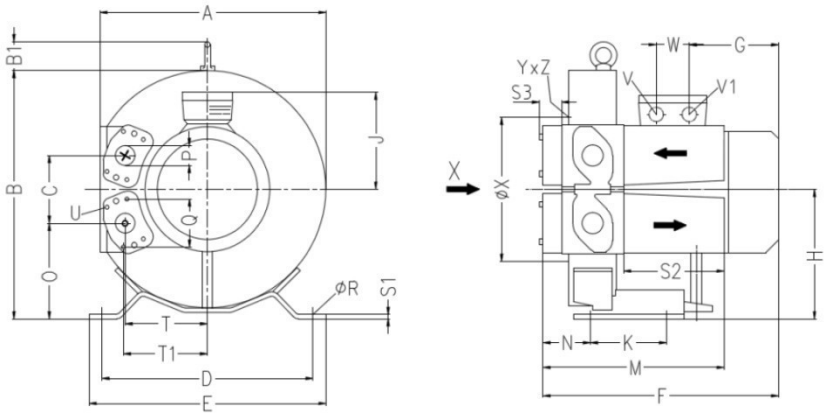
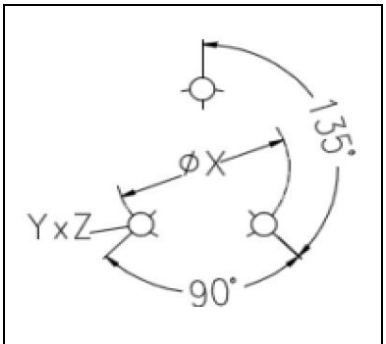
Series R-BL 024 001

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL024001M0500	50	0.55	200÷240		3.1		47	-230	290	57	18
	60	0.63			7.1		57	-270	320	62	
R-BL02400100500	50	0.55	200÷240	345÷415	2.8	1.6	47	-230	290	57	16
	60	0.63	220÷275	380÷480	3	1.7	57	-270	320	62	







ØX	YXZ	X-holes
153	M6x15	

MODEL	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL02400100500	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G 1¼	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32
R-BL024001M0500																										

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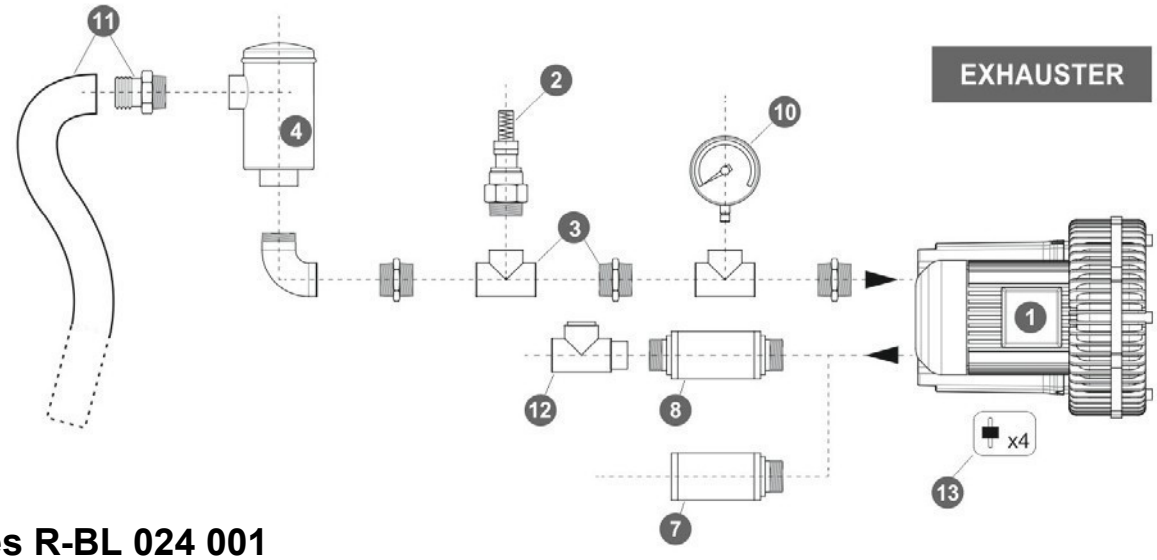
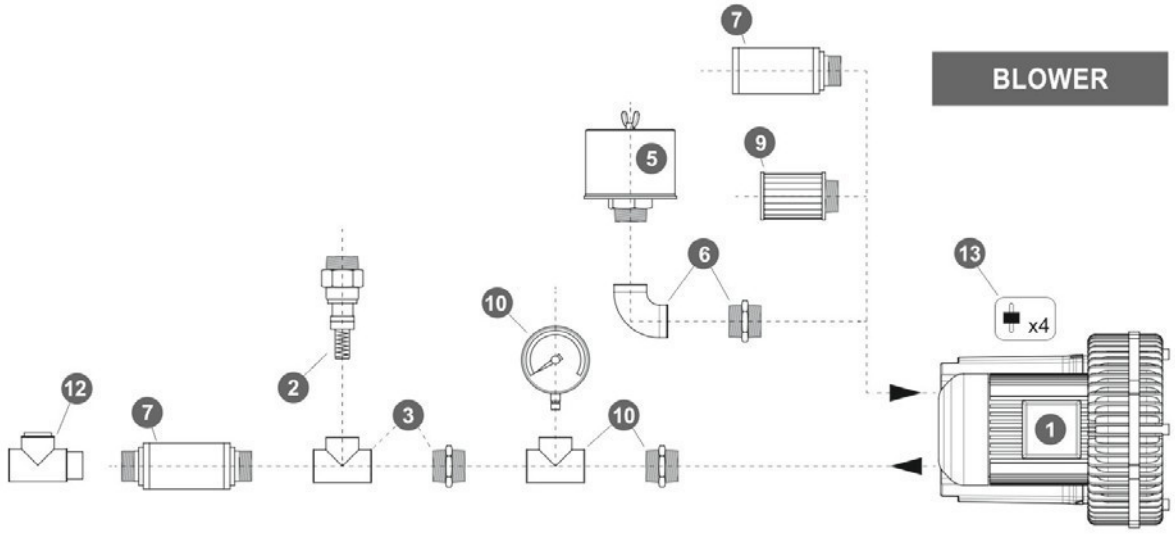


Series R-BL 024 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 024 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

Series R-BL 030 001

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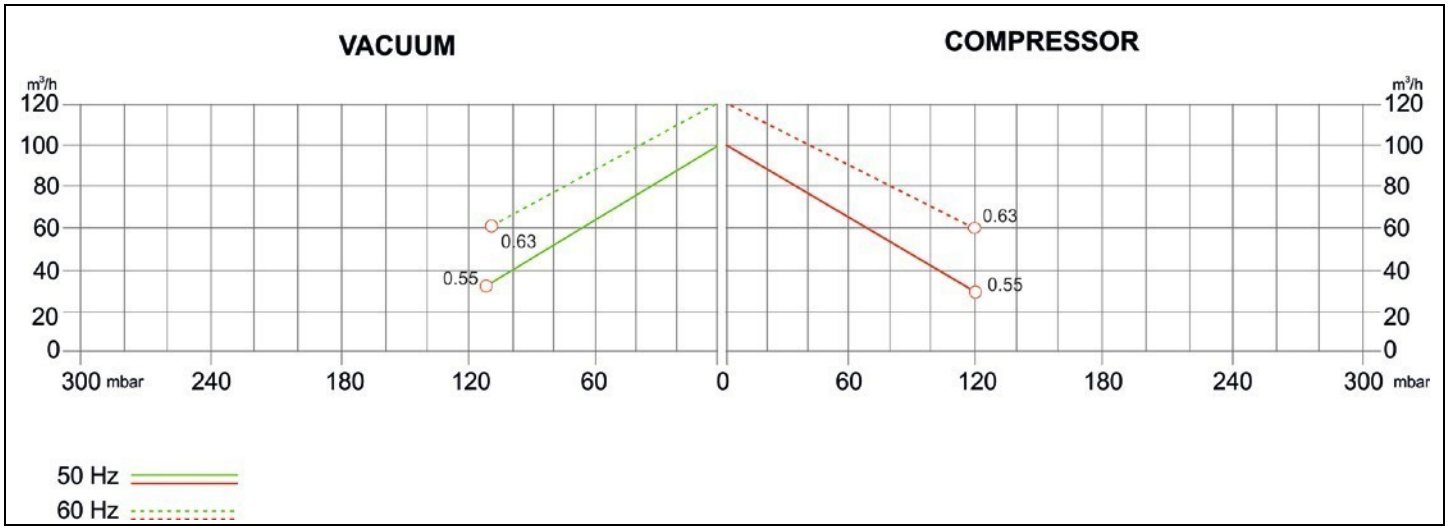
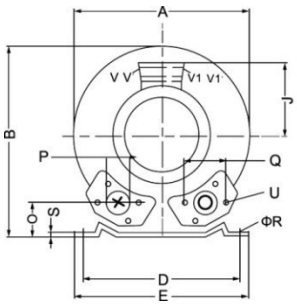
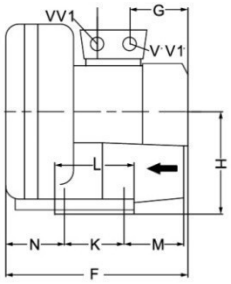
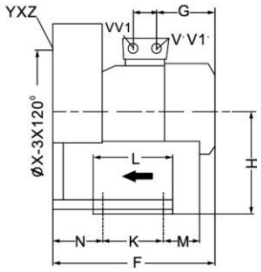
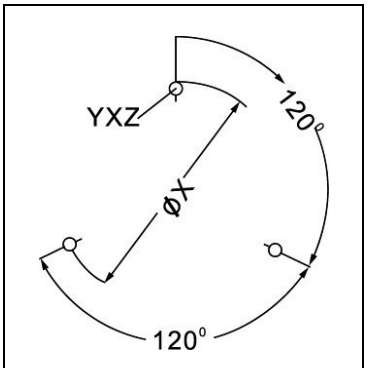
Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL03000100500	50	0.55	200÷240	345÷415	2.8	1.6	100	-110	120	55	11
	60	0.63	220÷275	380÷480	3.0	1.7	120	-110	120	57	
R-BL030001M0500	50	0.55	220÷240		3.7		95	-120	130	57	13
	60	0.62			4.9		110	-120	130	60	











ØX	XYZ	X-holes
160	M6x15	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V1	(3~) V1'
R-BL03000100500	268	272	93	205	230	260	92	141	101	83	108	82	69	41	G1¼	64	10	3	M6x17			M25X1.5	M16X1.5
R-BL030001M0500	268	272	93	205	230	260	92	141	101	83	108	82	69	41	G1¼	64	10	3	M6x17	M25x1.5	M16x1.5		

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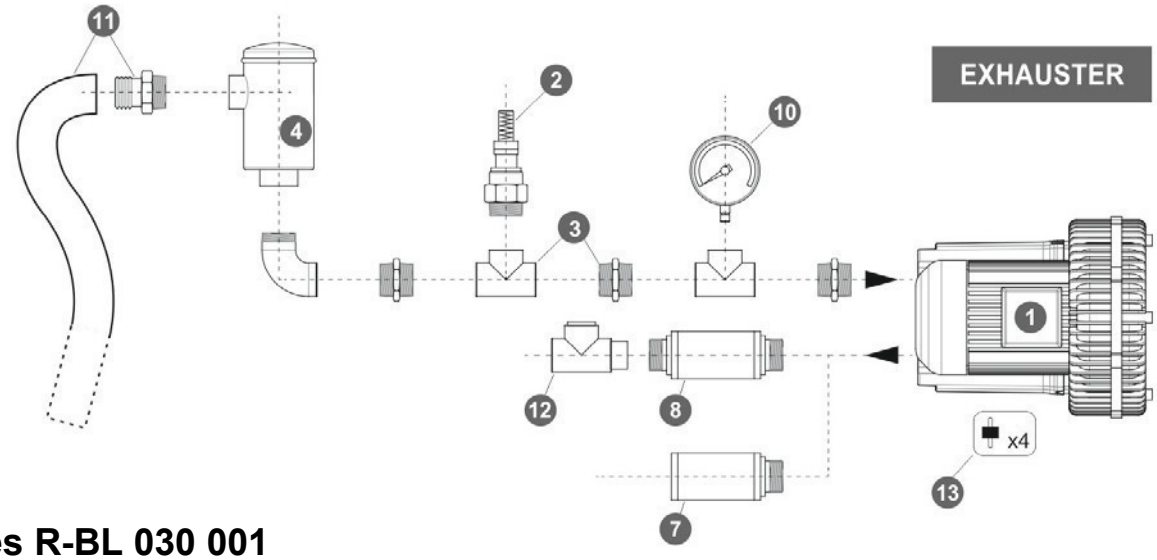
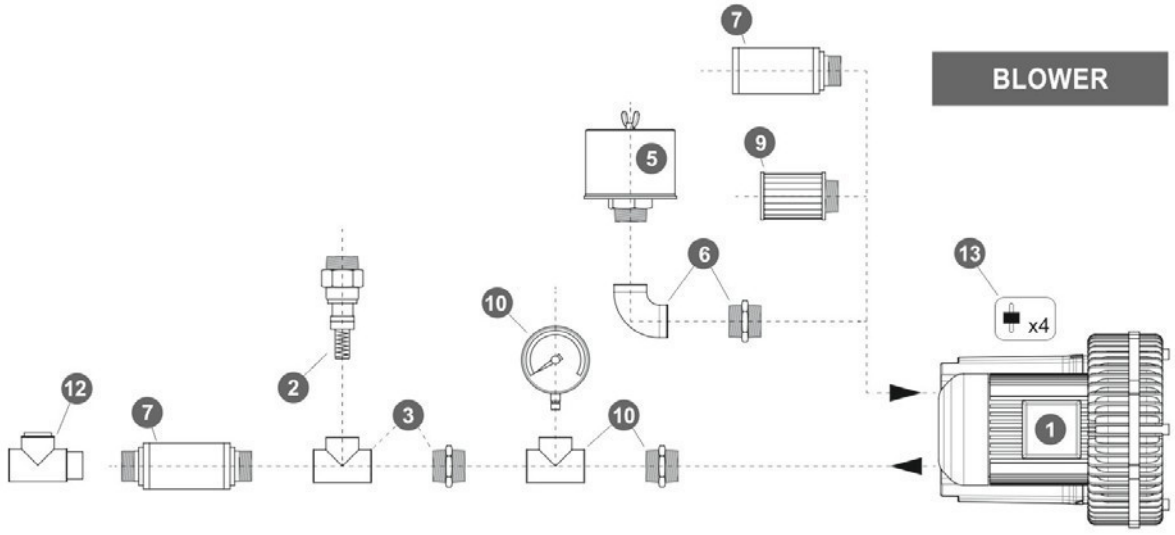
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 030 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS--BL 030 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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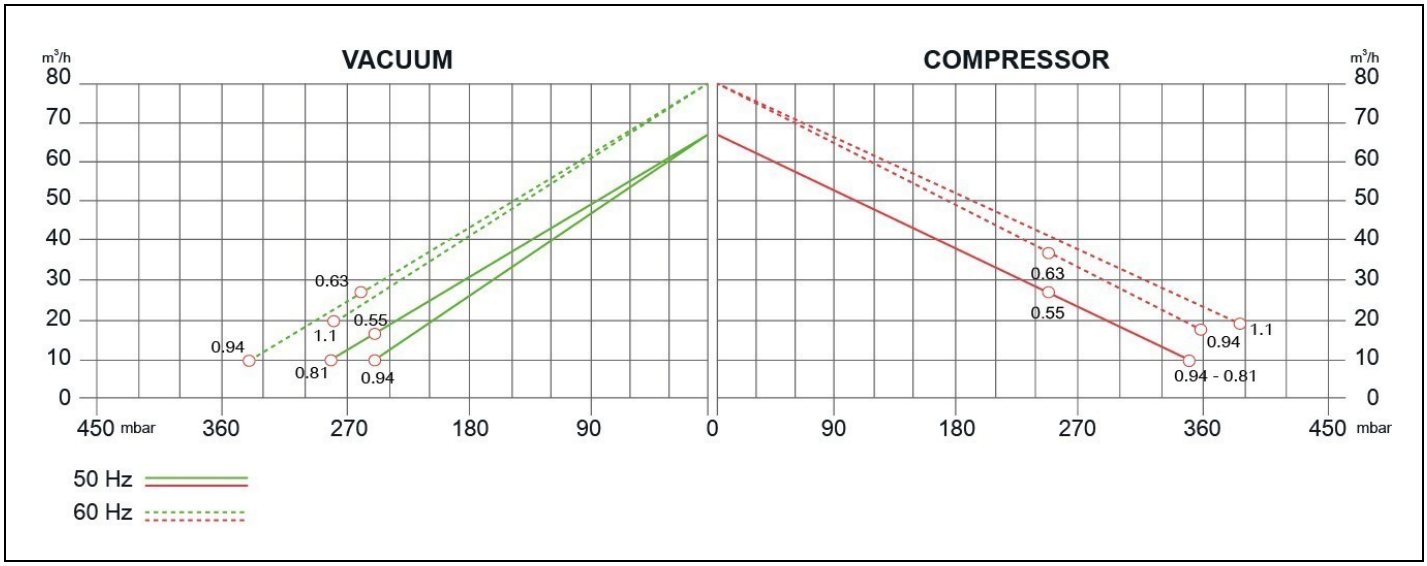
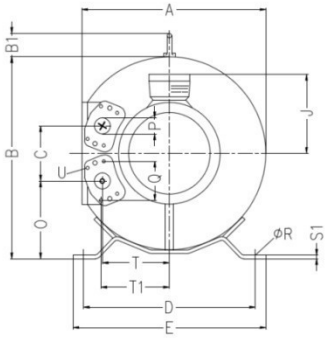
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

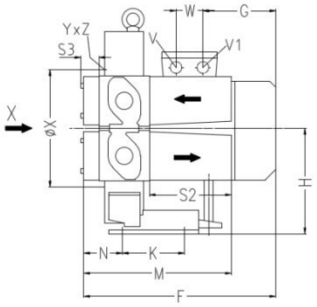
Series R-BL 034 001

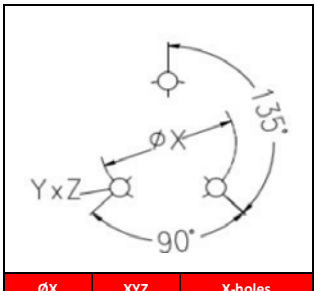
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL034001M0900	50	0.94	200÷240		7.6		66	-250	350	57	18
	60	1.1			9		80	-280	390	62	
R-BL03400100500	50	0.55	200÷240	345÷415	2.8	1.6	66	-250	250	57	16
	60	0.63	220÷275	380÷480	3	1.7	80	-260	250	62	
R-BL03400100900	50	0.81	200÷240	345÷415	4	2.3	66	-280	350	57	17
	60	0.94	220÷275	380÷480			80	-340	360	62	









ØX	XYZ	X-holes
153	M6x15	

MODEL	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ϕR	S1	S2	S3	T	T1	U	V	V1	W	ϕX	YxZ
R-BL034001M0900	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15
R-BL03400100500	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15
R-BL03400100900	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15

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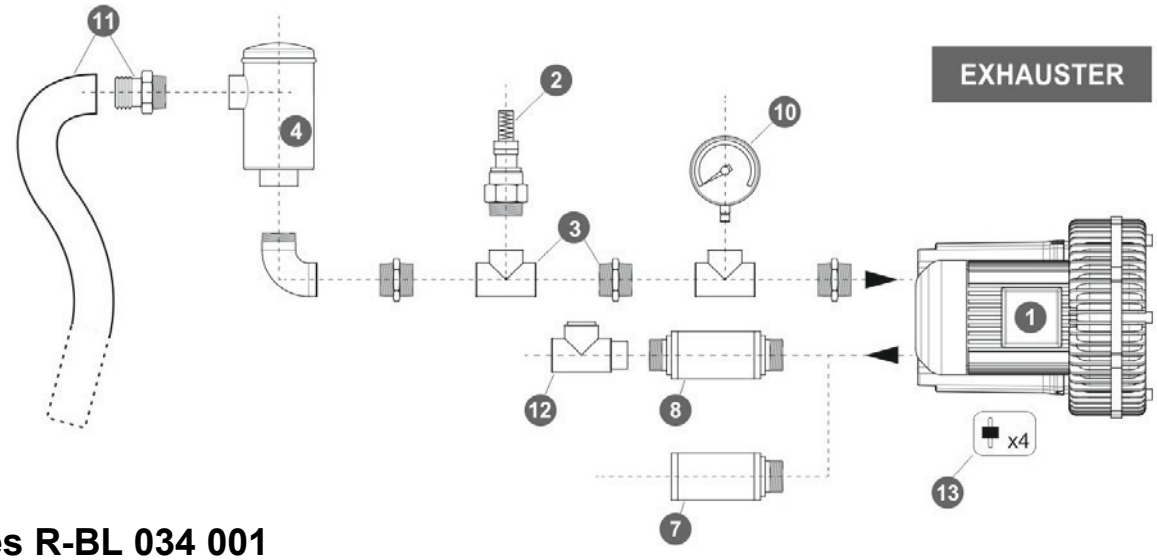
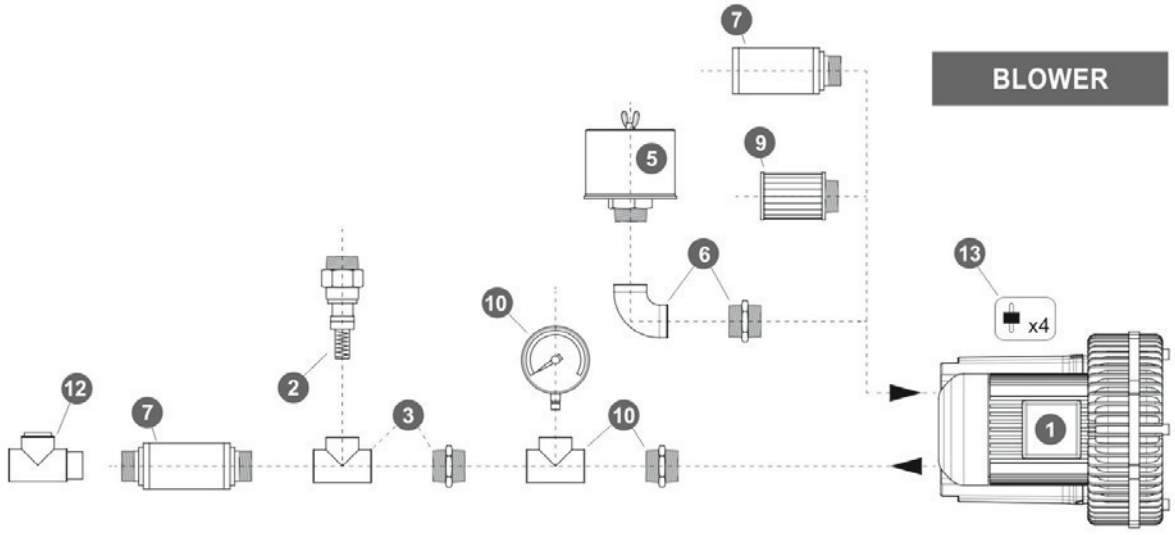
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 034 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 034 001_**
2	Safety Valve		AS-BLSV032AL36
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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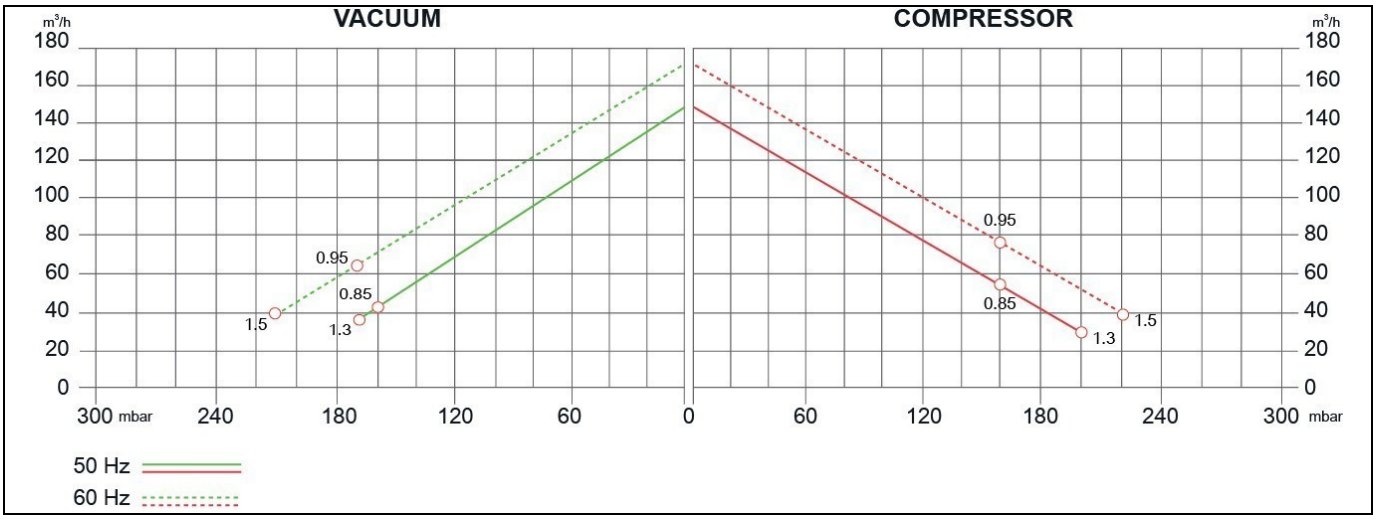
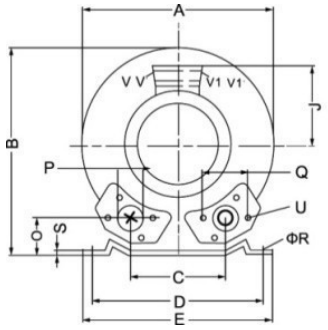
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

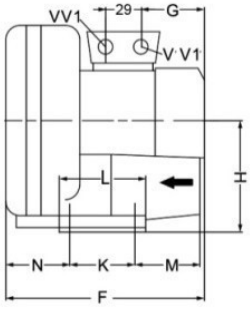
Series R-BL 040 001

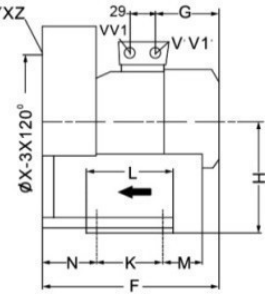
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

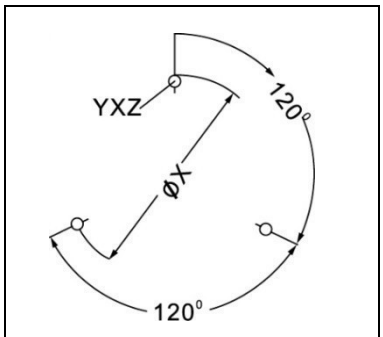
Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL04000100900	50	0.85	200÷240	345÷415	3.85	2.25	145	-160	160	63	17
	60	0.95	220÷275	380÷480	4.0	2.3	175	-160	160	64	
R-BL04000101300	50	1.3	200÷240	345÷415	5.7	3.3	145	-170	200	63	18
	60	1.5	220÷275	380÷480	6.0	3.5	175	-210	220	64	
R-BL040001M0900	50	0.85	220÷240		5		145	-160	160	63	16
	60	0.95			5.8		175	-160	160	64	
R-BL040001M1300	50	1.3			7.3		145	-170	200	63	17
	60	1.5			7.8		175	-210	220	64	











ØX	XYZ	X-holes
174	M6x15	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V1	(3~) V1'
R-BL04000100900	286	302	115	225	255	292	160	154	120	95	130	70	75	46	G1½	72	12	3	M6x19			M25X1.5	M16X1.5
R-BL04000101300	286	302	115	225	255	292	160	154	120	95	130	70	75	46	G1½	72	12	3	M6x19			M25X1.5	M16X1.5
R-BL040001M0900	286	302	115	225	255	294	160	154	120	95	130	70	75	46	G1½	72	12	3	M6x19	M16x1.5	M25X1.5		
R-BL040001M1300	286	302	115	225	255	294	160	154	120	95	130	70	75	46	G1½	72	12	3	M6x19	M16x1.5	M25X1.5		

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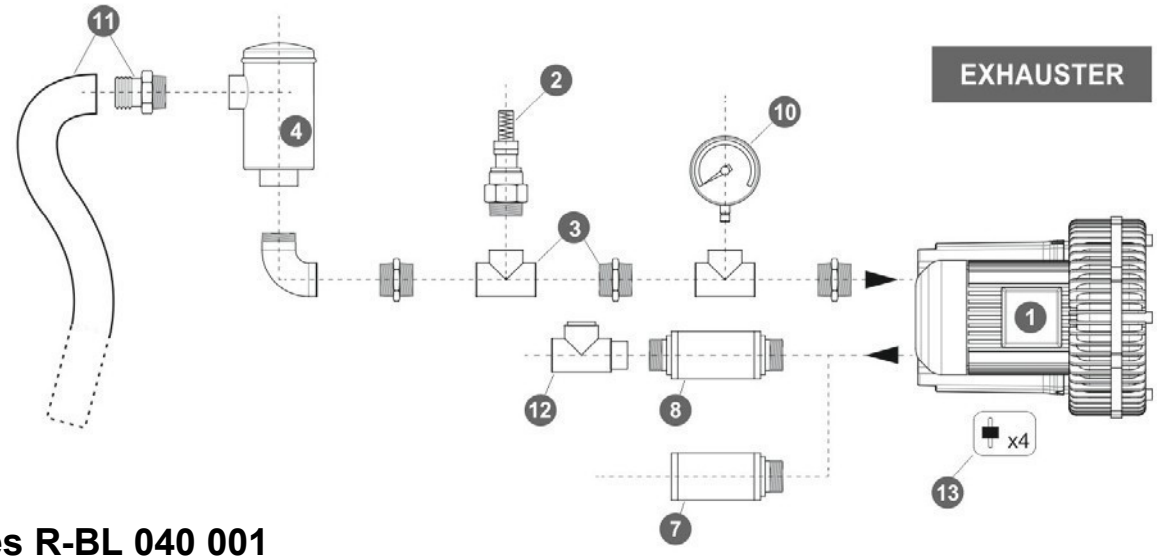
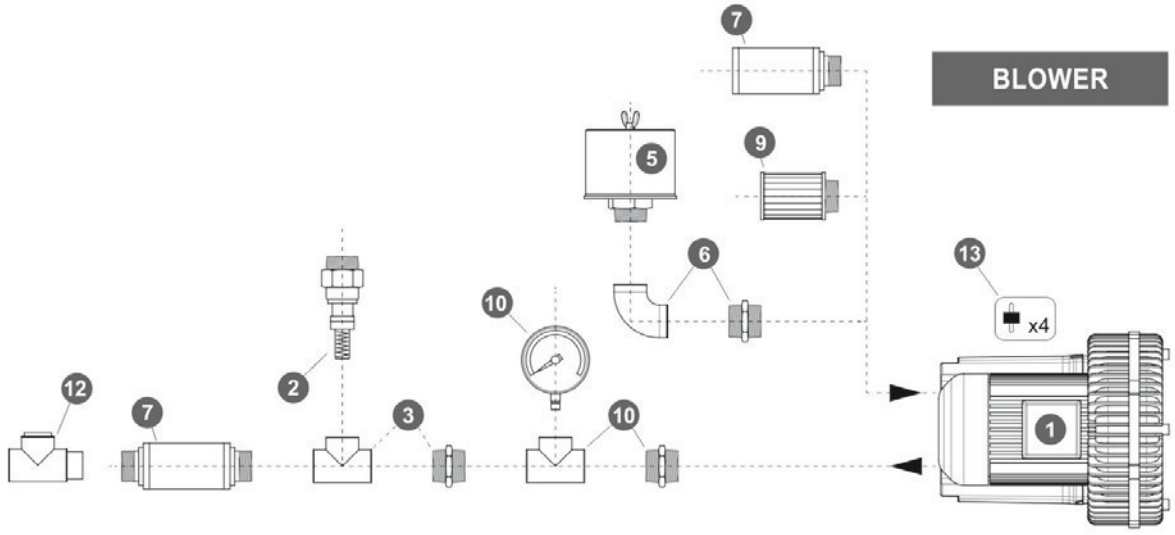
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 040 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 040 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032040C
4	In-Line filter	Paper	AS-BLIL040PA007
		Polyester	AS-BLIL040PO025
		Stainless Steel 30 µ	AS-BLIL040SS030
		Stainless Steel 60 µ	AS-BLIL040SS060
5	Cartridge filter		AS-BLCF040PA007
6	Filter kit	Nipple	AS-BLKC040PN
		Socket	AS-BLKC040PS
7	Silenziatore finale		AS-BLFS040ZP / AS-BLFS040ZPR
8	In-Line silencer		AS-BLIS040
9	Indoor filter		AS-BLIF040ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH040
12	Check valve		AS-BLCV040AL
13	Anti-vibration pins		AS-BLAV06



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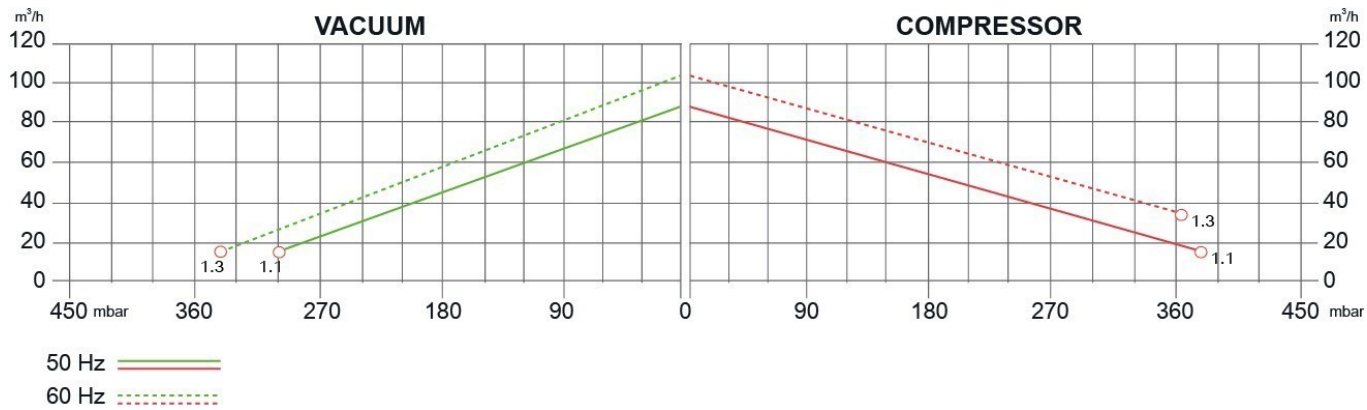
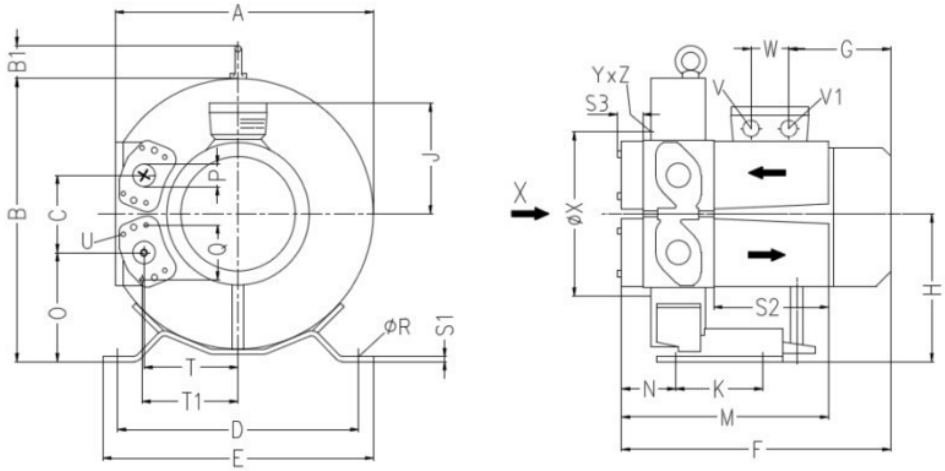
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

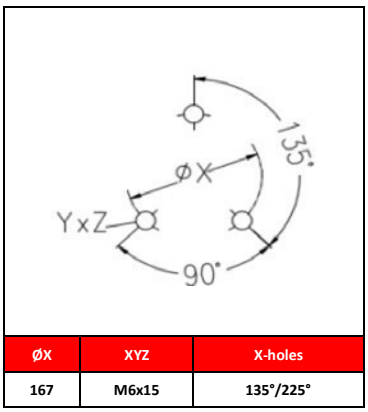
Series R-BL 044 001

La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL044001M1100	50	1.1	200÷240		10.1		87	-300	380	55	23
	60	1.3			10.3		105	-350	390	62	
R-BL04400101100	50	1.1	200÷240	345÷415	5.4	3.1	87	-300	380	58	23
	60	1.3	220÷275	380÷480			105	-340	370	62	







ØX	XYZ	X-holes
167	M6x15	135°/225°

MODEL	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL04400101100	346	375	38	103	315	350	321	129	195	111	130	260	66	143	G 1¼	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32
R-BL044001M1100																										

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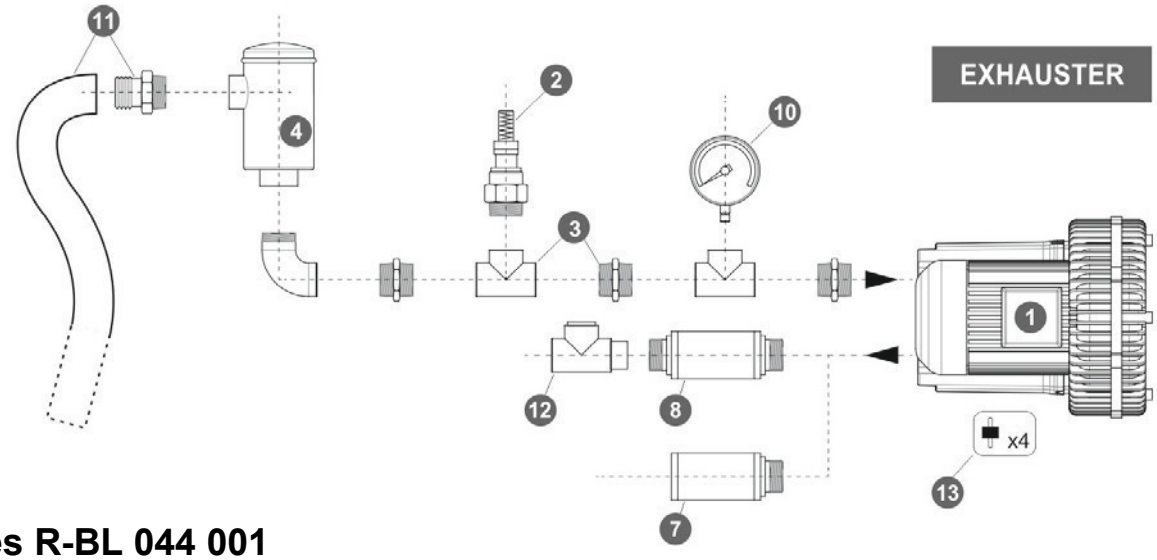
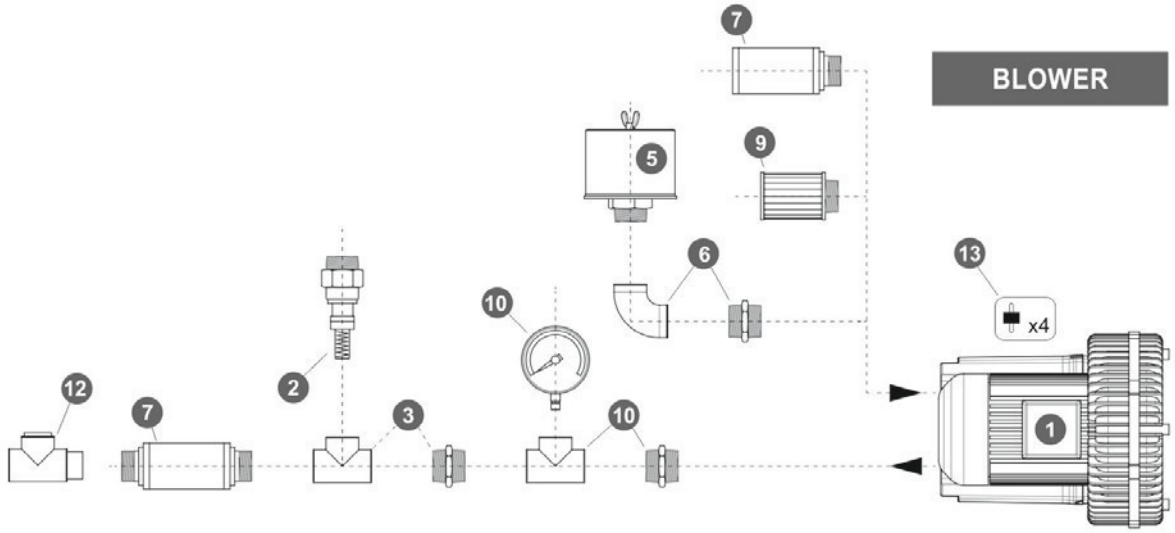
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 044 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 044 001_**
2	Safety Valve		AS-BLSV032AL36
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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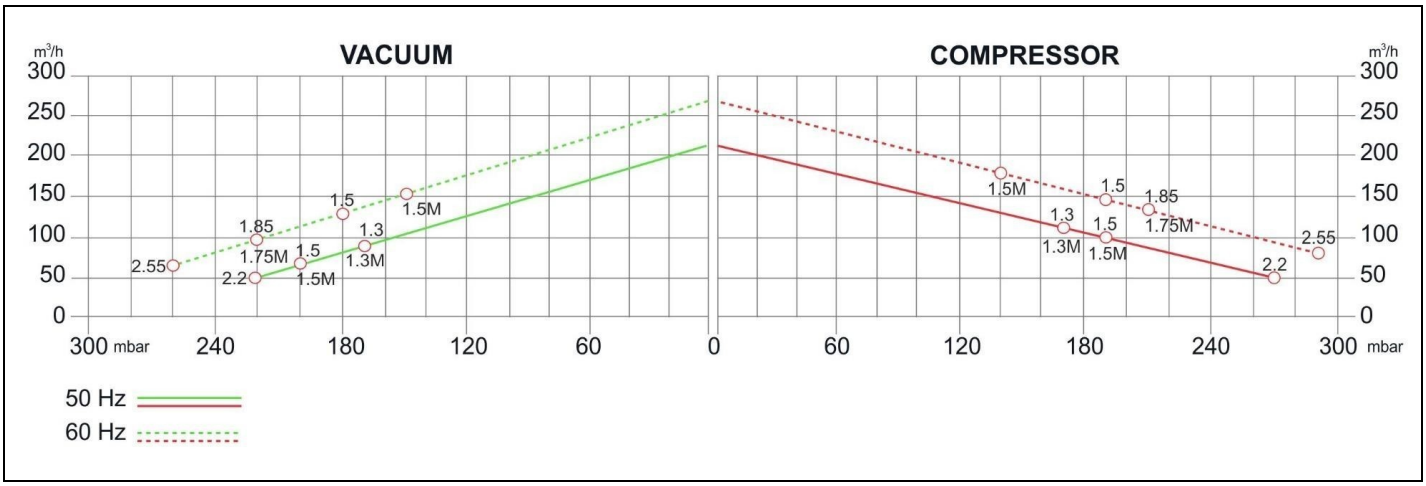
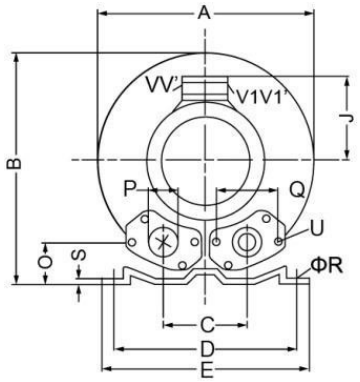
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

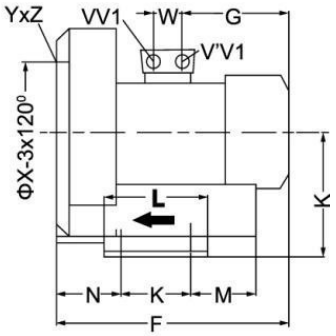
Series R-BL 050 001

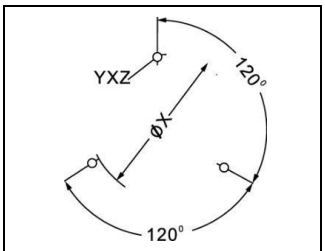
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL05000101300	50	1.3	200÷240	●345÷415	6.6	3.8	210	-170	170	64	22
	60	1.5	220÷275	380÷480	6.9	4.0	255	-180	190	70	
R-BL05000101500	50	1.5	200÷240	345÷415	7.5	4.3	210	-200	190	64	23
	60	1.85	220÷275	380÷480	7.6	4.4	255	-220	210	70	
R-BL05000102200	50	2.2	200÷240	345÷415	9.7	5.6	210	-220	270	64	27
	60	2.55	220÷275	380÷480	10.3	6.0	255	-260	290	70	
R-BL050001M1300	50	1.3	220÷240		7.3		210	-170	170	64	21
	60	1.5	220÷240		8.3		255	-150	140	70	
R-BL050001M1500	50	1.5	220÷240		9		210	-200	190	64	24
	60	1.75	220÷240		9.5		255	-220	210	70	









ØX	XYZ	X-holes
200	M8x20	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V	(3~) V1'	W
R-BL05000101300	334	337	120	260	295	314	160	175	120	115	155	96	87	48	G 2	83	14	4	M8x17			M25X1.5	M16X1.5	29
R-BL05000101500						346	191		128															
R-BL05000102200																								
R-BL050001M1300																				M25x1.5	M16X1.5			
R-BL050001M1500																								

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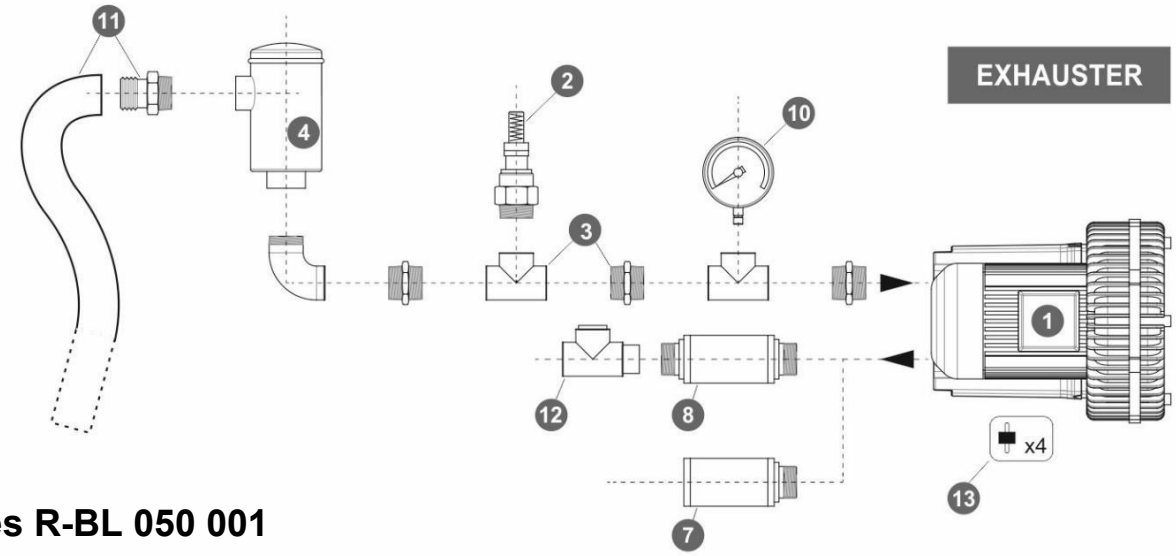
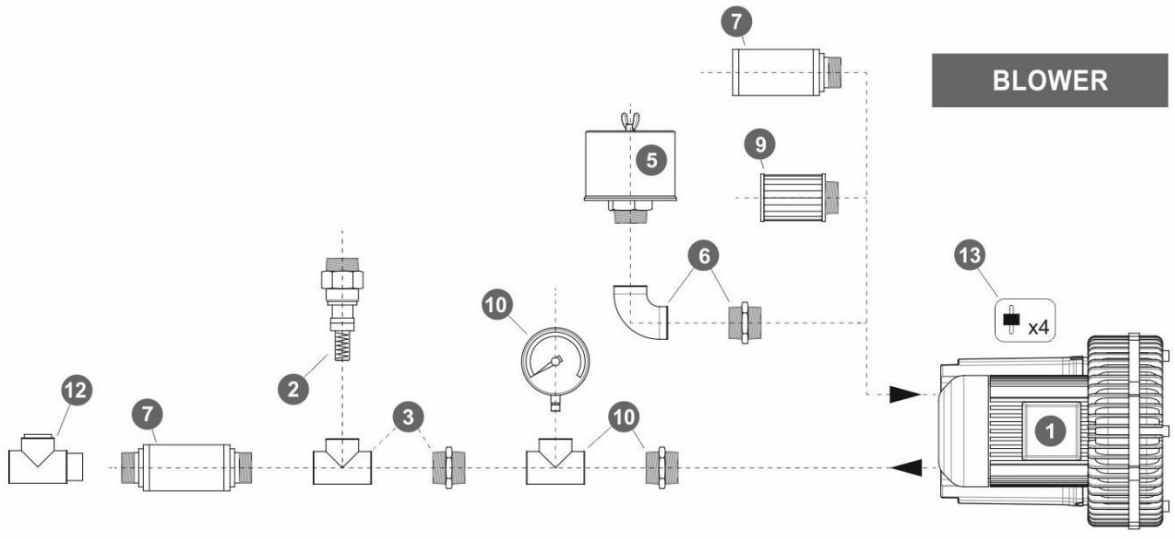
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 050 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 2" connection**		**AS-BL 050 001__**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032050C
4	In-Line filter	Paper	AS-BLIL050PA007
		Polyester	AS-BLIL050PO025
		Stainless Steel 30 µ	AS-BLIL050SS030
		Stainless Steel 60 µ	AS-BLIL050SS060
5	Cartridge filter		AS-BLCF050PA007
6	Filter kit	Nipple	AS-BLKC050PN
		Socket	AS-BLKC050PS
7	Silenziatore finale		AS-BLFS050ZP / AS-BLFS050ZPR
8	In-Line silencer		AS-BLIS050
9	Indoor filter		AS-BLIF050ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH050
12	Check valve		AS-BLCV050AL
13	Anti-vibration pins		AS-BLAV08



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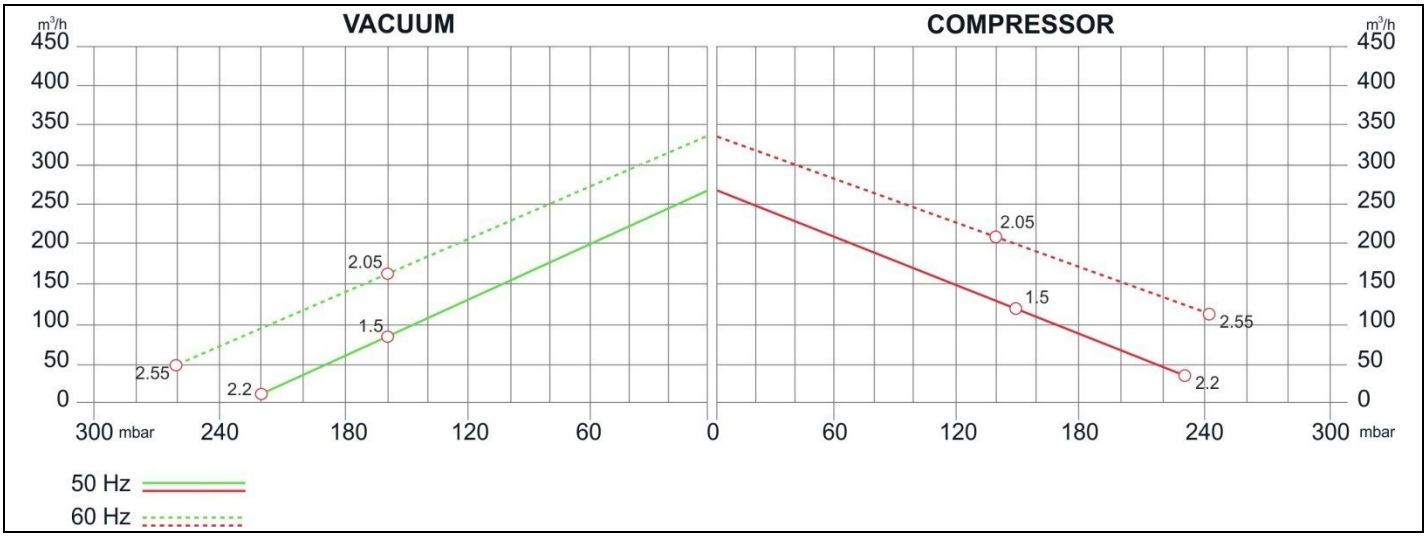
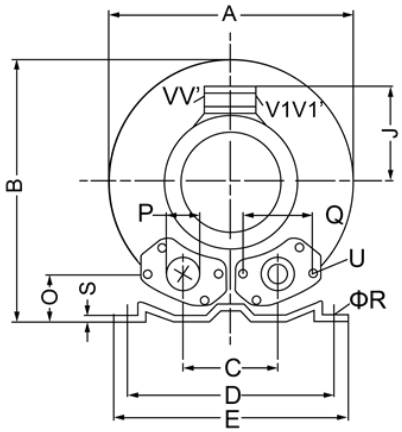
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

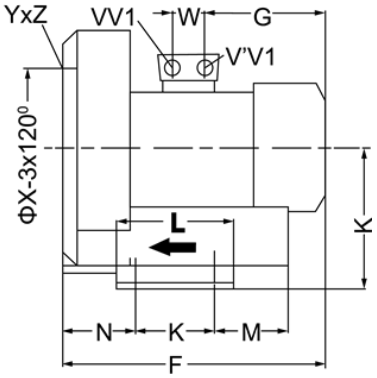
Series R-BL 053 001

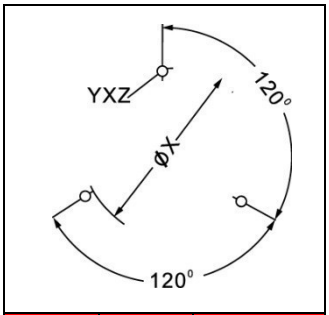
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V] Δ	Voltage [V] Y	Rated Current [A] Δ	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL05300001500	50	1.5	345÷415	600÷720	7.5	4.3	270	-160	150	65	24
	60	2.05	380÷480	660÷720	7.6	4.4	330			71	
R-BL05300002200	**50**	2.2	345÷415	600÷720	9.7	5.6	270	-220	230	65	26
	60	2.55	380÷480	660÷720	10.3	6.0	330	-260	250	71	
R-BL053000M1500	50	1.5	220÷240		10.4		270	-150	140	65	26
	60	1.75			11.2		330	-120	110	71	









ØX	XYZ	X-holes
200	M8x20	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V	(3~) V1'	W
R-BL05300101500	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8x17			M25X1.5	M16X1.5	29
R-BL05300102200	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8x17			M25X1.5	M16X1.5	29
R-BL053001M1500	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8x17	M25x1.5	M16X1.5			29

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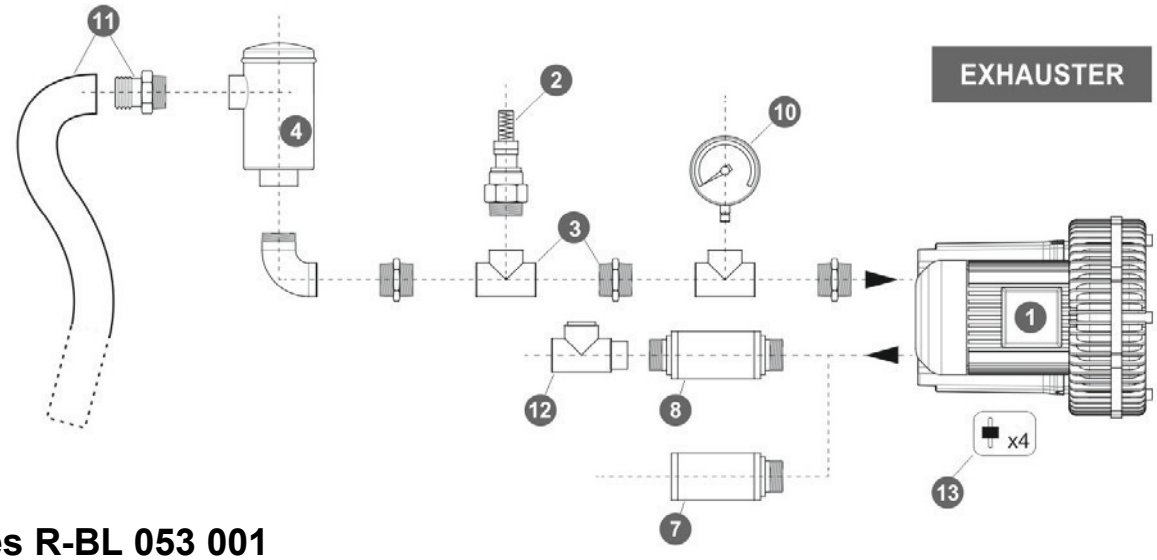
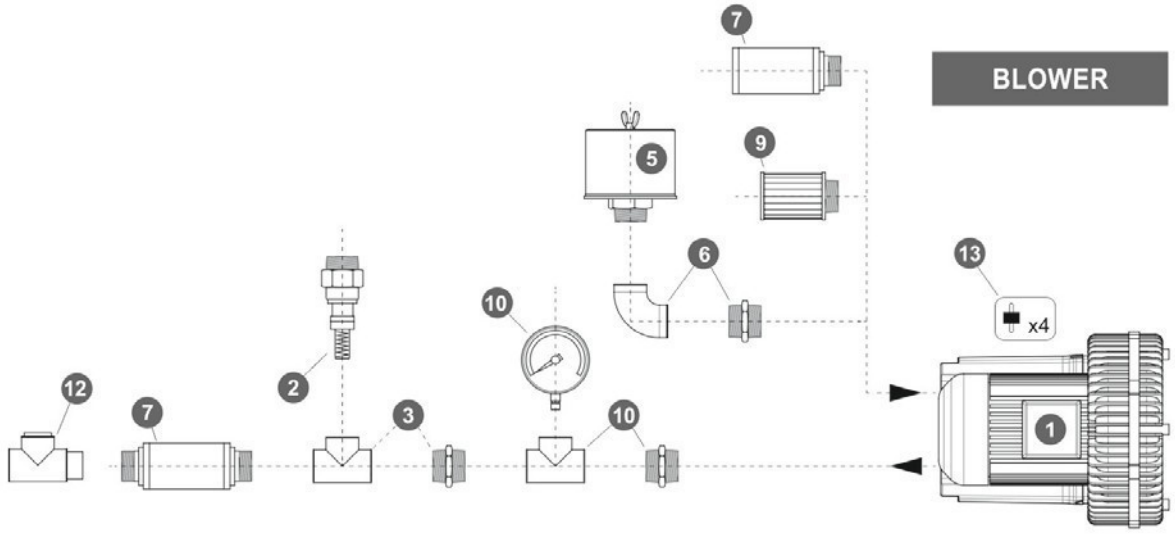
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 053 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 053 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032050C
4	In-Line filter	Paper	AS-BLIL050PA007
		Polyester	AS-BLIL050PO025
		Stainless Steel 30 µ	AS-BLIL050SS030
		Stainless Steel 60 µ	AS-BLIL050SS060
5	Cartridge filter		AS-BLCF050PA007
6	Filter kit	Nipple	AS-BLKC050PN
		Socket	AS-BLKC050PS
7	Silenziatore finale		AS-BLFS050ZP / AS-BLFS050ZPR
8	In-Line silencer		AS-BLIS050
9	Indoor filter		AS-BLIF050ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH050
12	Check valve		AS-BLCV050AL
13	Anti-vibration pins		AS-BLAV08



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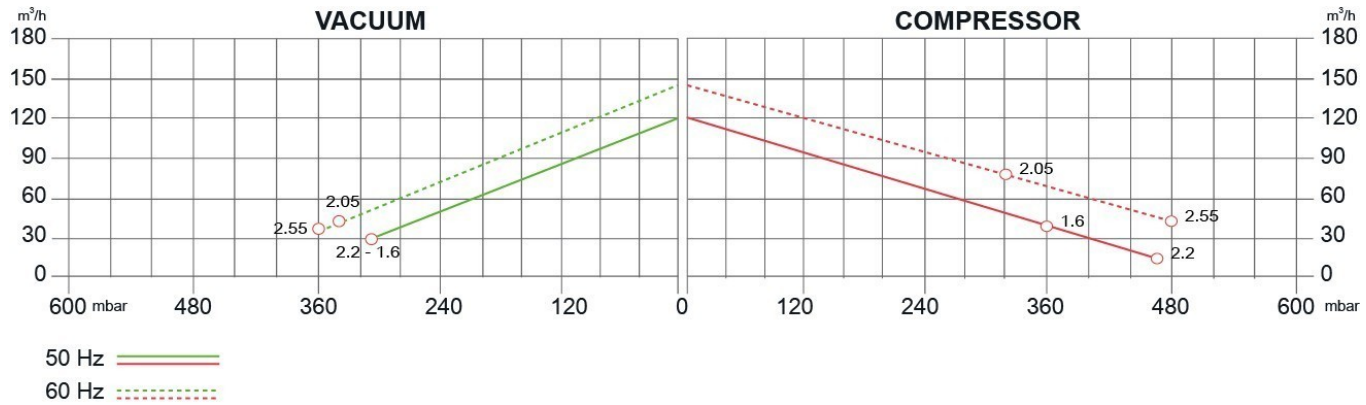
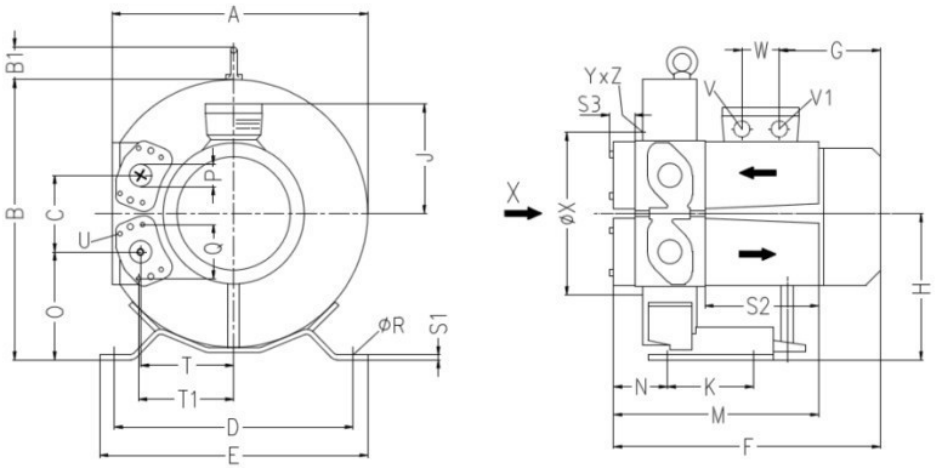
Soffianti a canali laterali – Singolo Stadio – Trifase

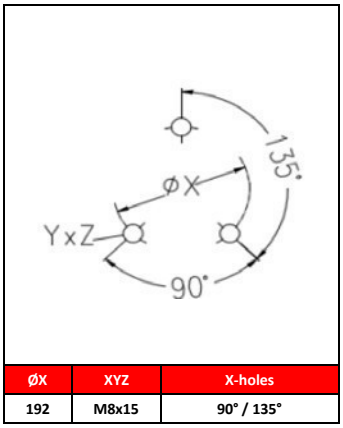
Series R-BL 054 001

La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL05400101600	50	1.6	200÷240	345÷415	7.5	4.3	120	-310	360	64	26
	60	2.05	220÷275	380÷480	7.6	4.4	145	-340	320	68	
R-BL05400102200	50	2.2	200÷240	345÷415	11.4	6.6	120	-310	470	64	29
	60	2.55	220÷275	380÷480	11.2	6.5	145	-360	480	68	







ØX	XYZ	X-holes
192	M8x15	90° / 135°

MODEL	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL05400101600	368	395	39	114	328	363	361	185	205	128	152	265	68	148	G 1¼	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	32
R-BL05400102200																										

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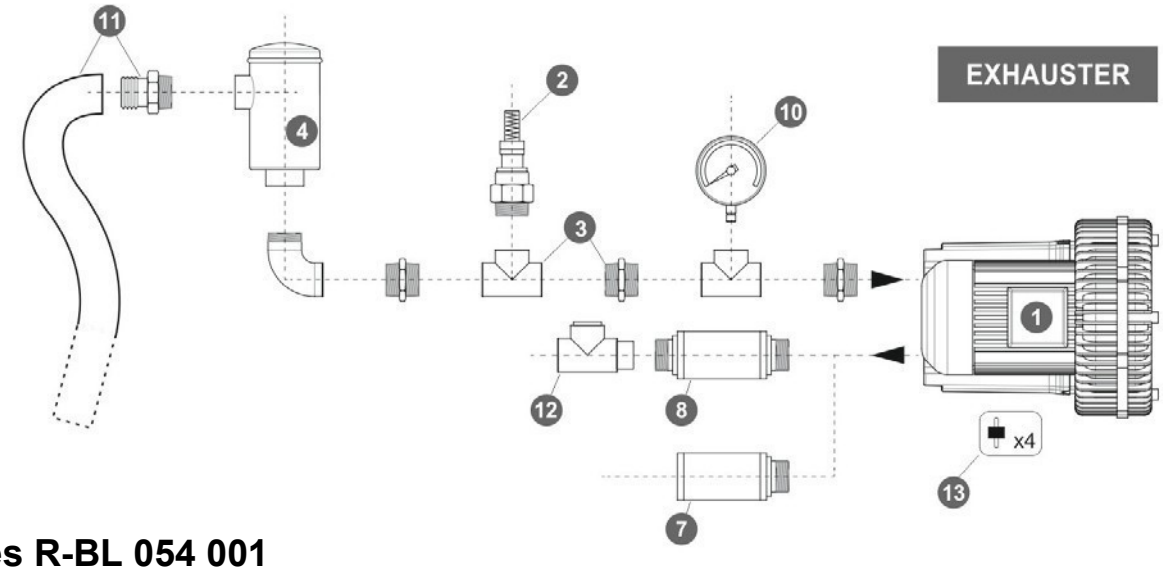
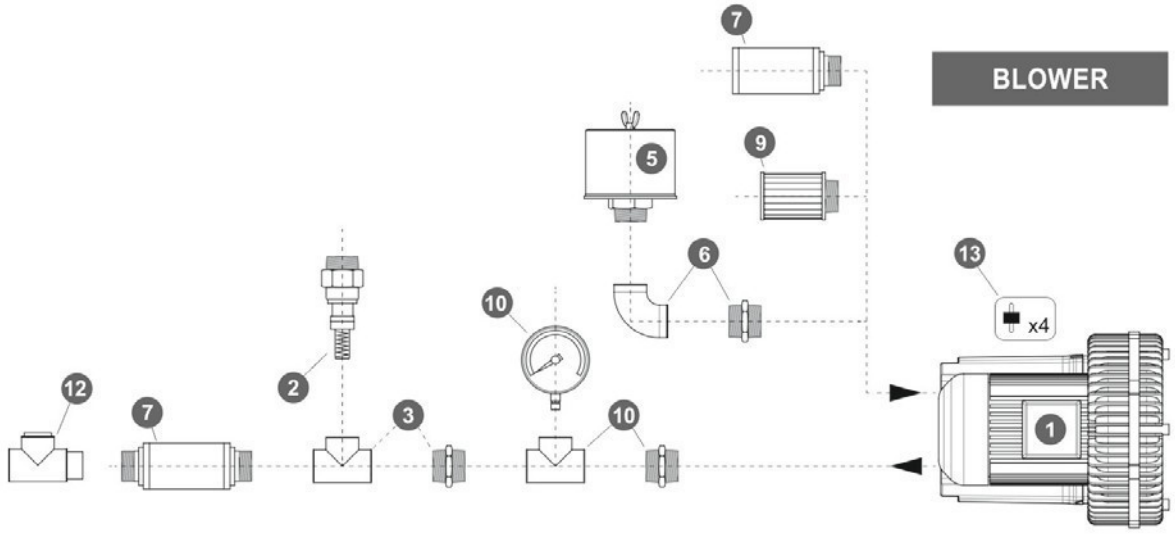
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 054 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 054 001_**
2	Safety Valve		AS-BLSV032AL36
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

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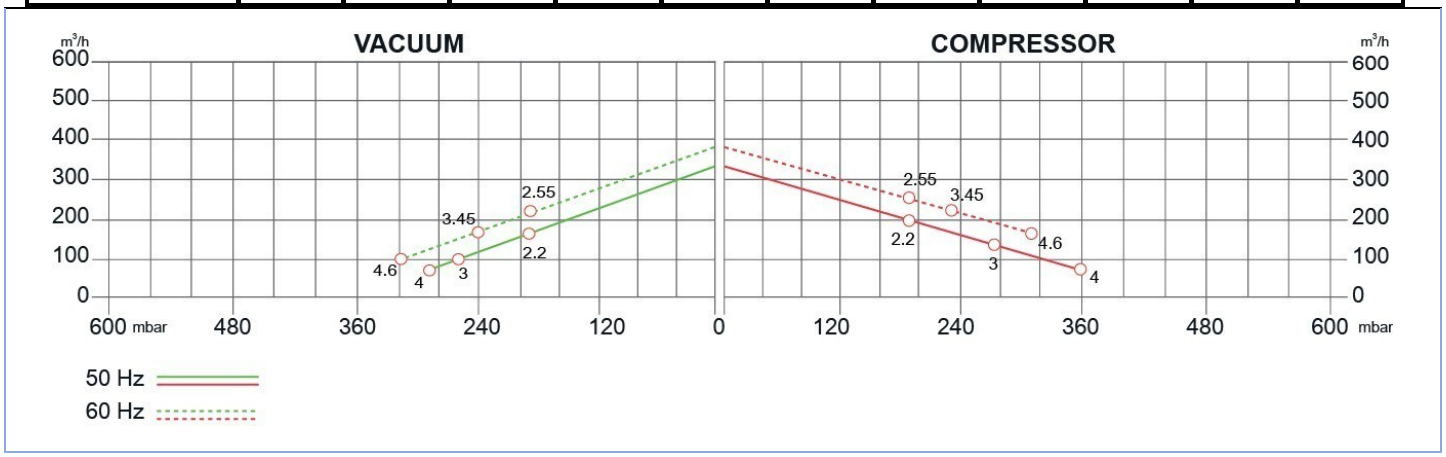
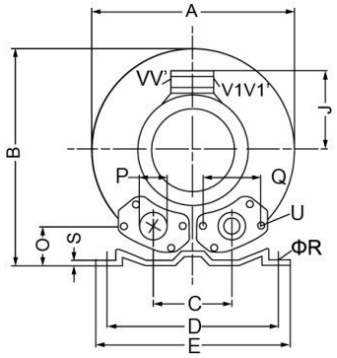
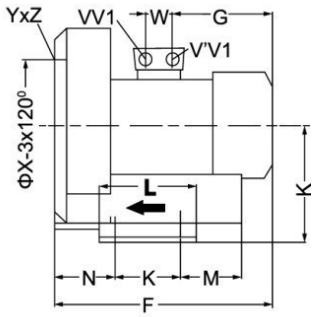
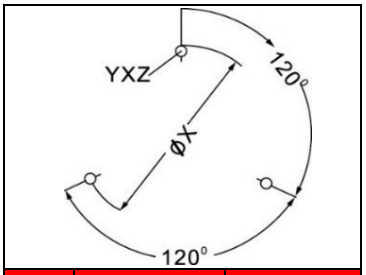
Series R-BL 060 001

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m3/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL06000102200	50	2.2	200÷240	345÷415	9.7	5.6	318	-180	190	69	31
	60	2.55	220÷275	380÷480	10.3	6.5	376	-190	190	72	
R-BL06000103000	50	3	200÷240	345÷415	12.5	7.3	318	-270	270	69	36
	60	3.45	220÷275	380÷480	12.5	7.3	376	-250	230	72	
R-BL06000104000	50	4	345÷415	600÷720	9.0	5.2	318	-290	360	69	40
	60	4.6	380÷480	660÷720	9.4		376	-320	310	72	
R-BL060001M2200	50	2.2	220÷240		12.8		318	-190	190	72	30
	60	2.55					376		200	74	
R-BL06000104003	50	4	200÷240	345÷415	15.5	9	318	-290	330	69	40
	60	4.6	220÷275	380÷480			376	-330	330	72	









ØX	XYZ	X-holes
240	M10x20	0°/120°/240°

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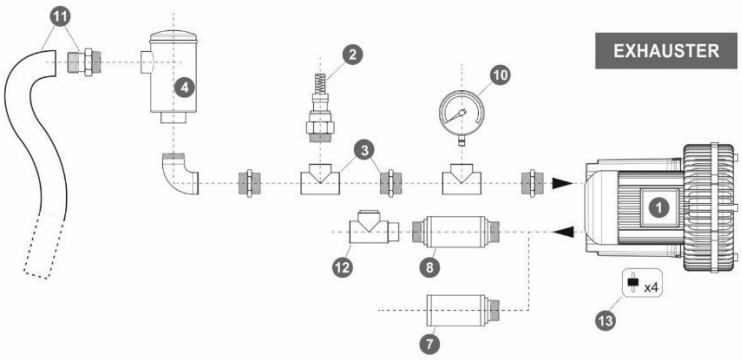
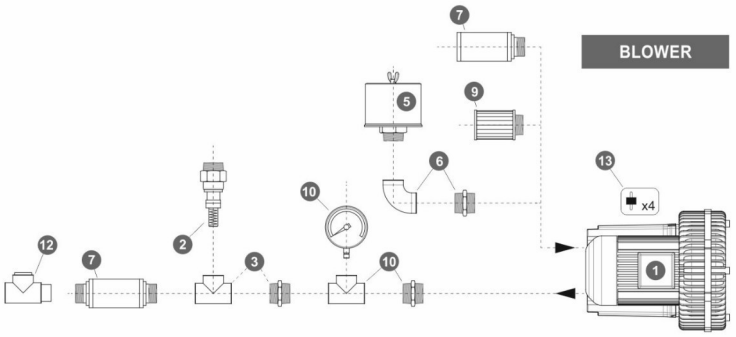
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

Series R-BL 060 001

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V1	(3~) V1'	W
R-BL06000102200	382	384	125	290	325	377	191	197	128	140	180	84	109	54	G 2	83	15	4.5	M8x17					29
R-BL06000103000																						M32X1.5	M32X1.5	42
R-BL06000104000																								
R-BL060001M2200																				M32x1.5	M32X1.5			29
R-BL06000104003																								



Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 2" connection**		**AS-BL 060 001__**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032050C
4	In-Line filter	Paper	AS-BLIL050PA007
		Polyester	AS-BLIL050PO025
		Stainless Steel 30 µ	AS-BLIL050SS030
		Stainless Steel 60 µ	AS-BLIL050SS060
5	Cartridge filter		AS-BLCF050PA007
6	Filter kit	Nipple	AS-BLKC050PN
		Socket	AS-BLKC050PS
7	Final Silencer		AS-BLFS050ZP / AS-BLFS050ZPR
8	In-Line silencer		AS-BLIS050
9	Indoor filter		AS-BLIF050ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH050
12	Check valve		AS-BLCV050AL
13	Anti-vibration pins		AS-BLAV08



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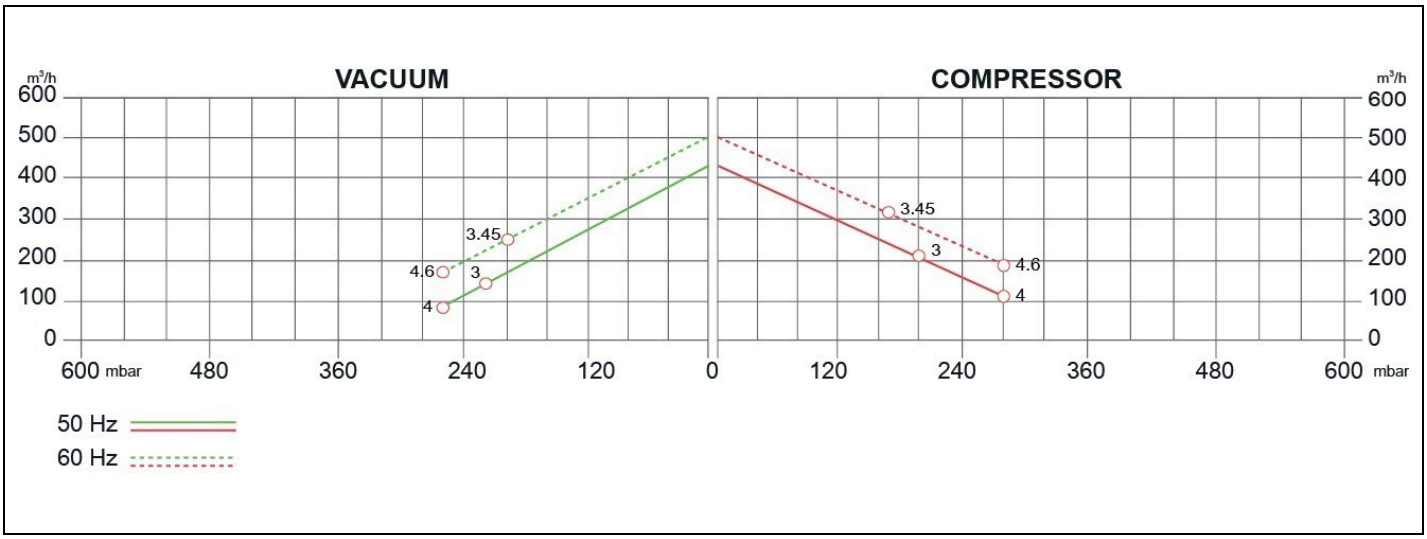
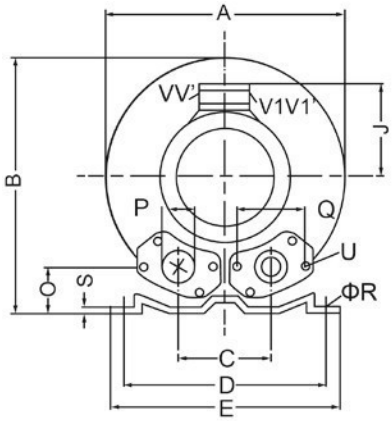
Soffianti a canali laterali – Singolo Stadio – Trifase

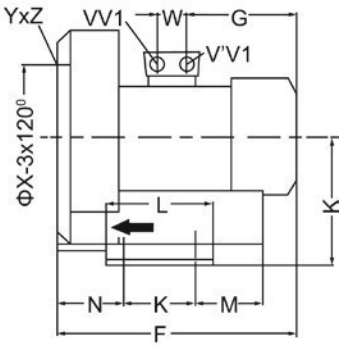
Series R-BL 063 001

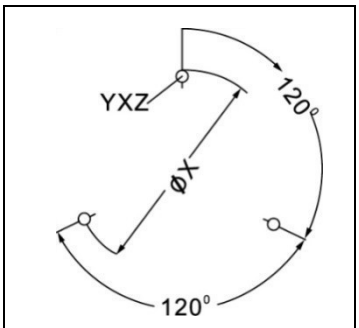
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL06300103000	50	3	200÷240	345÷415	12.5	7.2	420	-220	200	70	37
	60	3.45	220÷275	380÷480	12.6	7.3	500	-200	170	73	
R-BL06300104000	50	4	345÷415	600÷720	9.0	5.2	420	-260	280	70	43
	60	4.6	380÷480	660÷720			500		260	73	









ØX	XYZ	X-holes
240	M10x20	0°/120°/240°

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	(1~) V	(1~) V'	(3~) V	(3~) V1'	W
R-BL06300103000	382	384	125	290	325	419	189	197	135	140	180	84	109	54	55	83	15	4.5	M8x17			M25X1.5	M16X1.5	42
R-BL06300104000	382	384	125	290	325	440	209	197	148	140	180	84	109	54	55	83	15	4.5	M8x17			M25X1.5	M16X1.5	42

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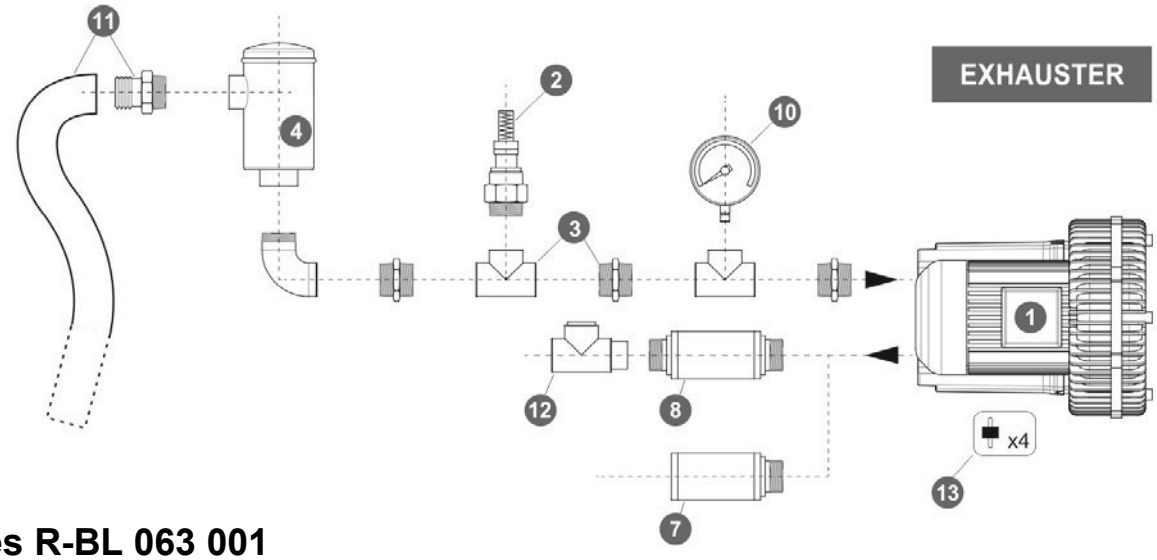
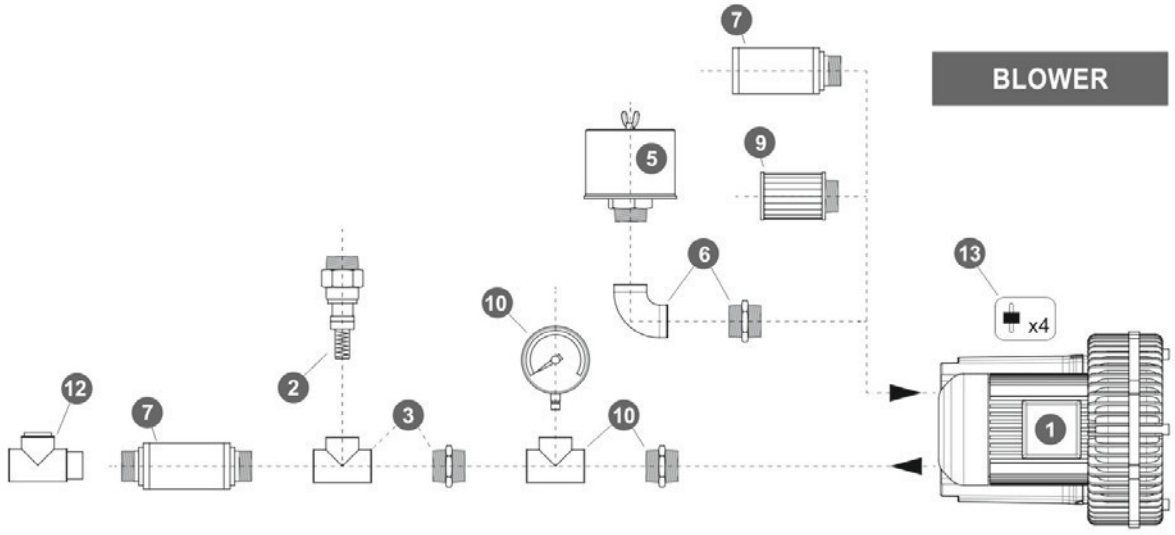
Soffianti a canali laterali – Singolo Stadio – Trifase



Series R-BL 063 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 063 001_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032050C
4	In-Line filter	Paper	AS-BLIL050PA007
		Polyester	AS-BLIL050PO025
		Stainless Steel 30 µ	AS-BLIL050SS030
		Stainless Steel 60 µ	AS-BLIL050SS060
5	Cartridge filter		AS-BLCF050PA007
6	Filter kit	Nipple	AS-BLKC050PN
		Socket	AS-BLKC050PS
7	Silenziatore finale		AS-BLFS050ZP /AS-BLFS050ZPR
8	In-Line silencer		AS-BLIS050
9	Indoor filter		AS-BLIF050ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH050
12	Check valve		AS-BLCV050AL
13	Anti-vibration pins		AS-BLAV10



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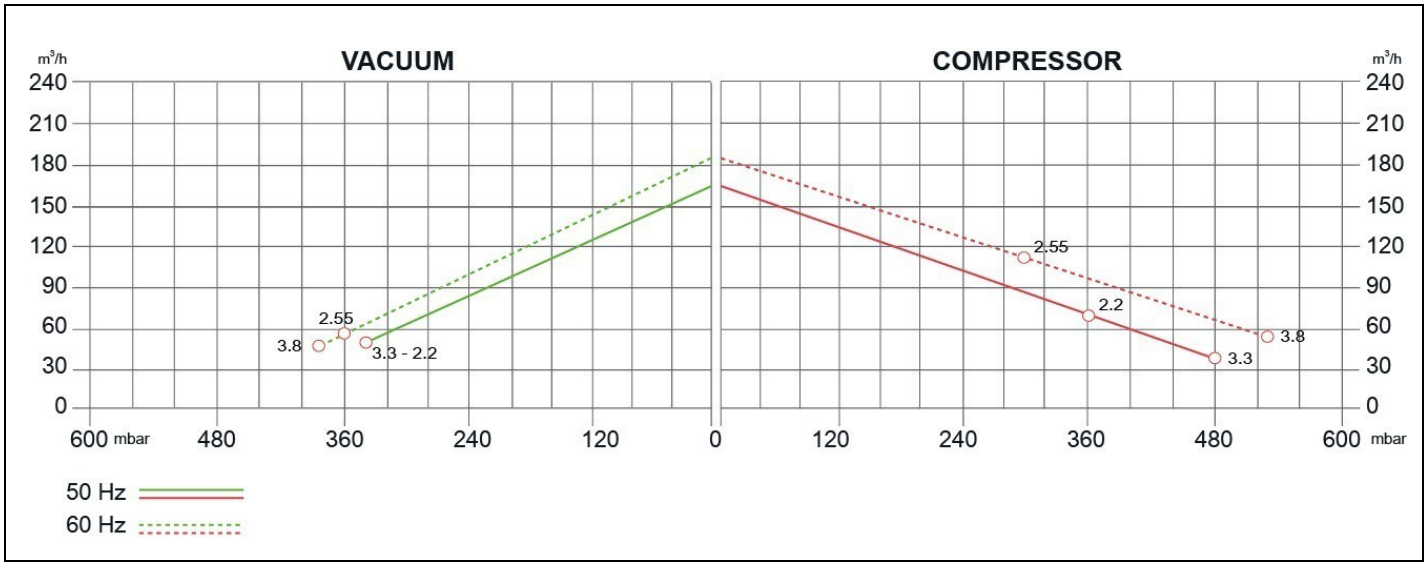
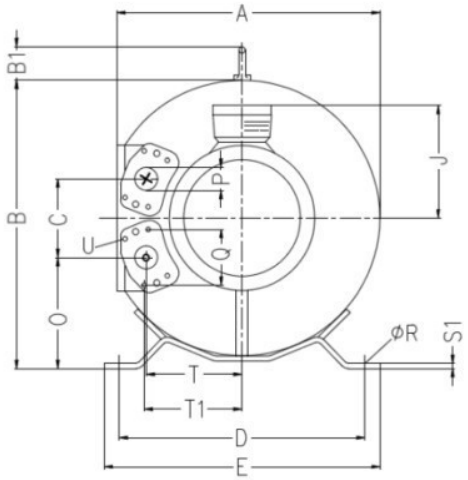
Soffianti a canali laterali – Singolo Stadio – Trifase

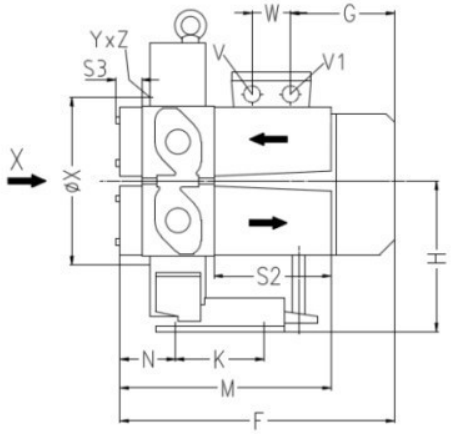
Series R-BL 064 001

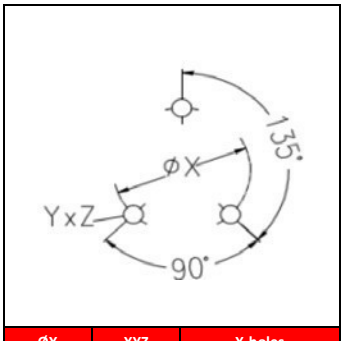
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL06400102200	50	2.2	200÷240	345÷415	11.4	6.6	165	-340	360	65	32
	60	2.55	220÷275	380÷480	11.2	6.5	195	-360	315	71	
R-BL06400103000	50	3.3	200÷240	345÷415	13	7.5	165	-340	480	65	35
	60	3.8	220÷275	380÷480	14.2	8.2	195	-380	530	71	









ØX	XYZ	X-holes
228	M6x15	90° / 135°

MODEL	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL06400102200	418	555	39	127	371	406	364	129	235	111	105	271	72	172	G 1¼	64	14	4	140	31	153	155	M6x17	M25x1.5	M16x1.5	32
R-BL06400103000							390	211																		

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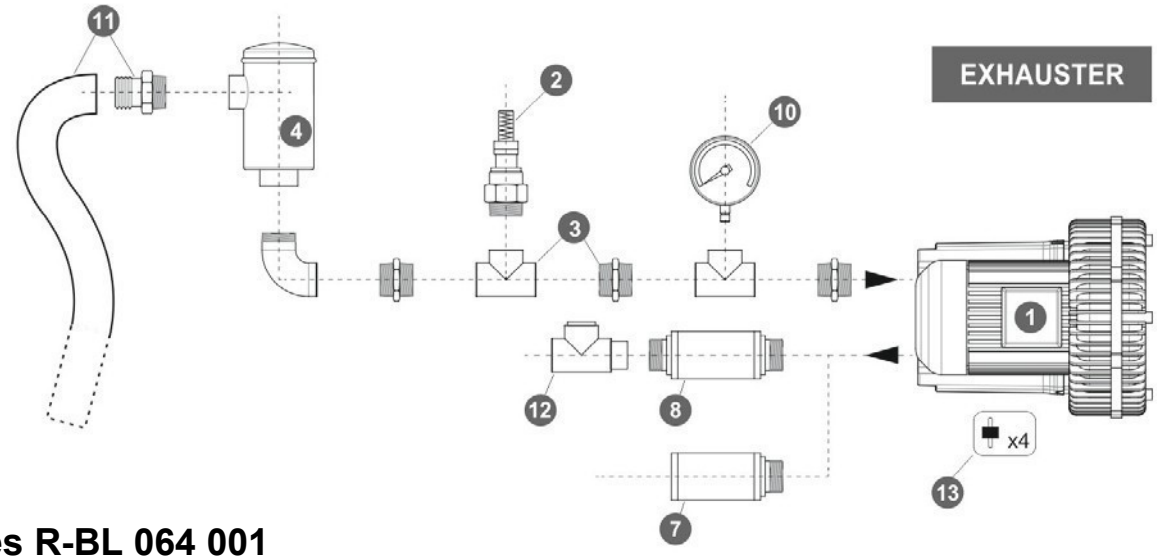
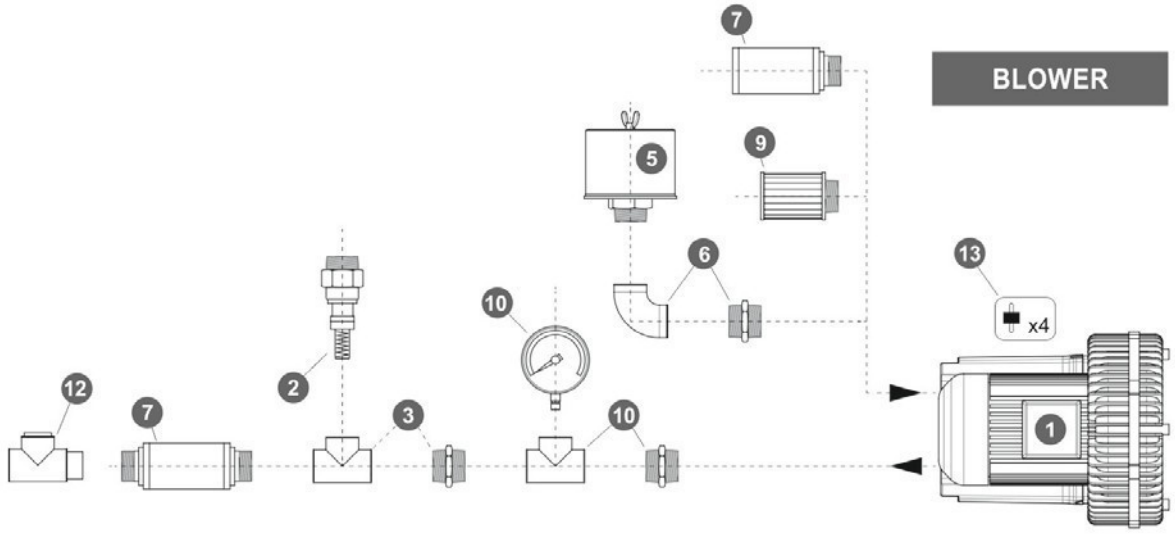
Soffianti a canali laterali – Singolo Stadio – Trifase



Series R-BL 064 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 1"¼ connection**		**AS-BL 064 001_**
2	Safety Valve		AS-BLSV032AL36
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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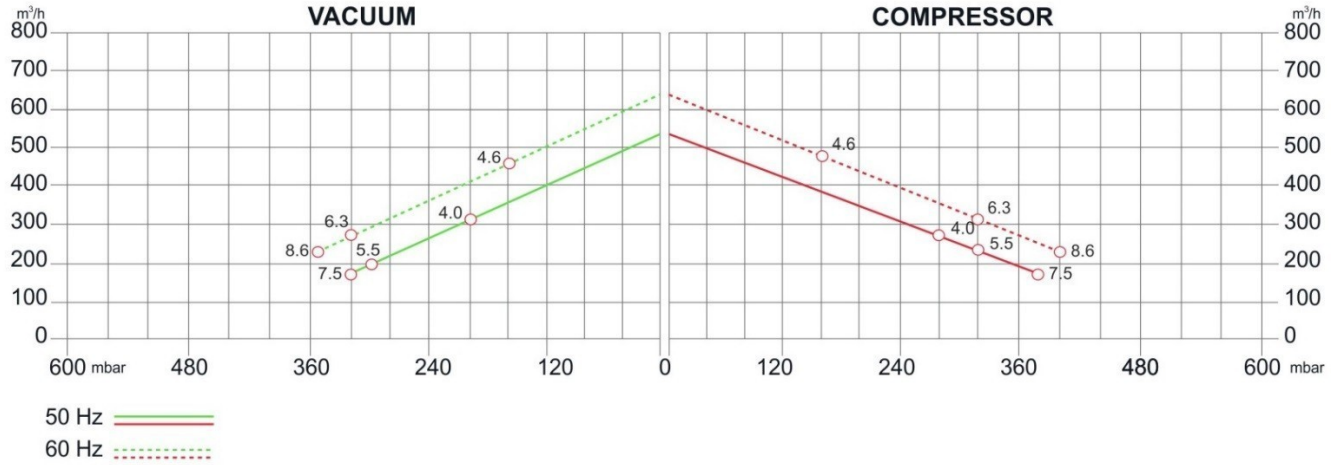
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

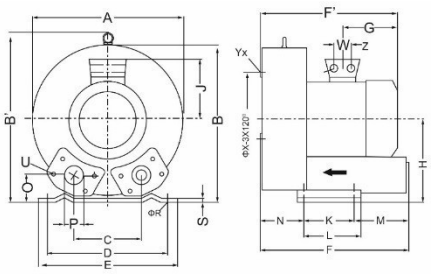
Series R-BL 070 001

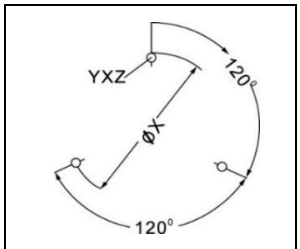
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m3/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-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	
R-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	
R-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	
R-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	
R-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
R-BL07000104000	451		461	509	152	356	394	433	450	230	240		148	170	217	140	124		65	G 2½	15	6	4xM32x1.5	42
R-BL07000105500									477															
R-BL07000107500																								
R-BL07000107503									450															
R-BL07000105503																								





ØX	XYZ	X-holes
286	M12x20	0°/120°/240°

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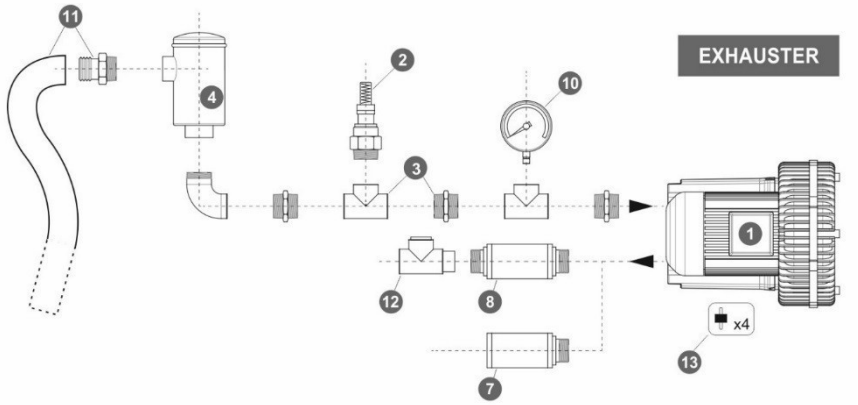
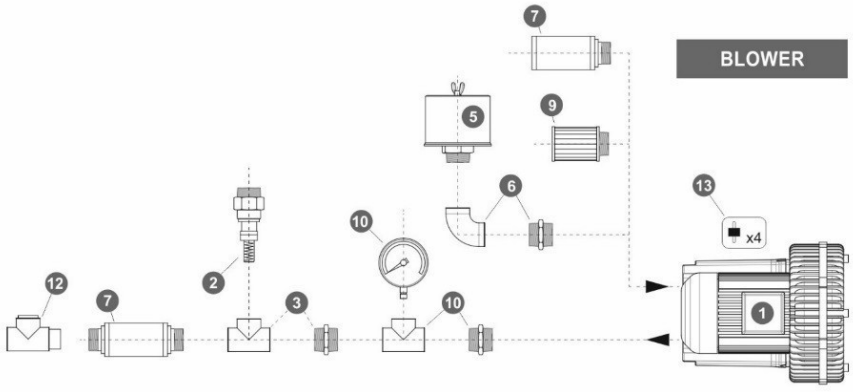
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase



Series R-BL 070 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 2"½ connection**		**AS-BL 070 001__**
2	Safety Valve		AS-BLSV050AL03
3	Installation kit safety valve		AS-BLKS050050C
4	In-Line filter	Paper	AS-BLIL065PA007
		Polyester	AS-BLIL065PO025
		Stainless Steel 30 µ	-
		Stainless Steel 60 µ	-
5	Cartridge filter		AS-BLCF065PA007
6	Filter kit	Nipple	AS-BLKC065PN
		Socket	AS-BLKC065PS
7	Final Silencer		AS-BLFS065ZP / AS-BLFS065ZPR
8	In-Line silencer		AS-BLIS065
9	Indoor filter		AS-BLIF065ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH065
12	Check valve		AS-BLCV065AL
13	Anti-vibration pins		AS-BLAV12



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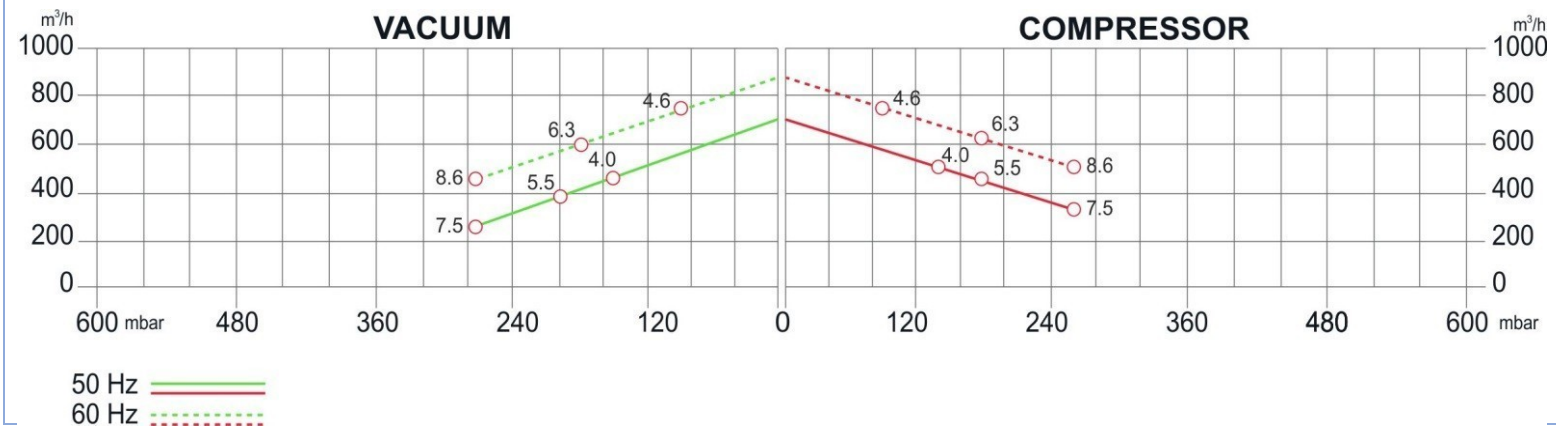
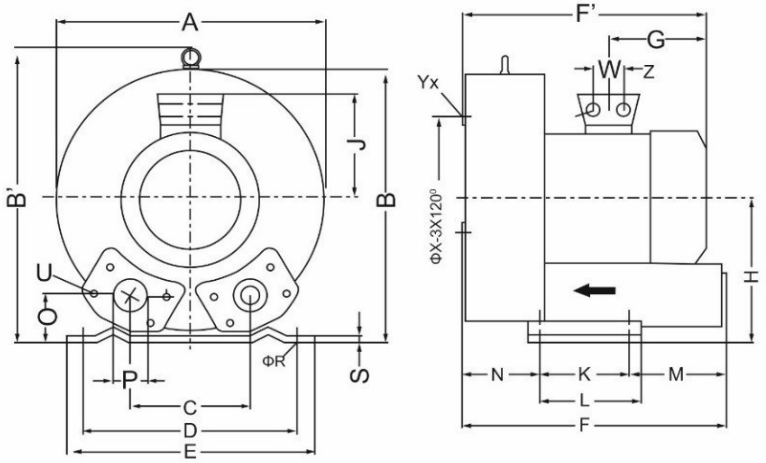
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

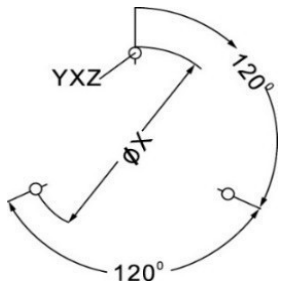
Series R-BL 073 001

La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m 3/h]	Rated VACUUM [m bar]	Rated COMPRESSOR [m bar]	Noise [dB A]	Weight [kg]
R-BL07300104000	50	4.0	345÷415	600÷720	9.5	5.5	700	-150	140	70	57
	60	4.6	380÷480	660÷720	9.5	5.5	840	-190	190	74	
R-BL07300105500	50	5.5	345÷415	600÷720	12.9	7.4	700	-200	180	70	66
	60	6.3	380÷480	660÷720	12.9	7.45	840	-180	180	74	
R-BL07300107500	50	7.5	345÷415	600÷720	16.7	9.6	700	-270	260	70	69
	60	8.6	380÷480	660÷720	17.3	10.0	840	-270	260	74	
R-BL07300105503	50	5.5	200 ÷240	345÷415	22.3	12.8	700	-200	180	70	66
	60	6.3	220÷275	380÷480			840	-180	180	74	
R-BL07300107503	50	7.5	200 ÷240	345÷415	28.9	16.6	700	-270	260	70	69
	60	8.6	220÷275	380÷480	29.9	17.3	840	-270	260	74	







ØX	XYZ	X-holes
286	M12x20	0°/120°/240°

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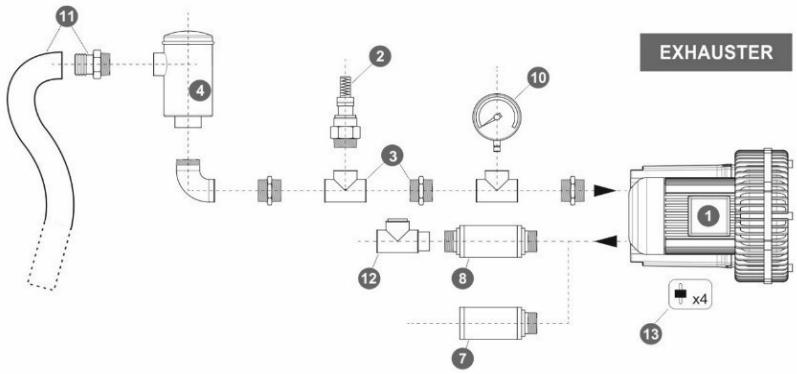
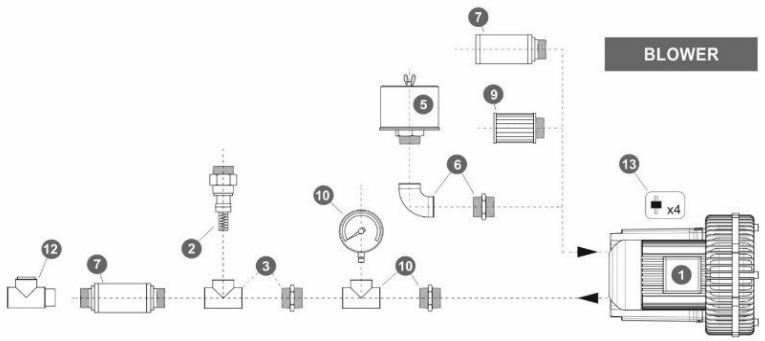
Soffianti a canali laterali – Singolo Stadio – Mono & Trifase

Series R-BL 073 001

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
R-BL07300104000	451		461	509	152	356	394	449	466	230	240		148	170	217	139	164		65	G 2½	15	6	4xM32x1.5	42
R-BL07300105500									492	247														
R-BL07300107500																								
R-BL07300105503									466	230														
R-BL07300107503																								



Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 2"½ connection**		**AS-BL 073 001__**
2	Safety Valve		AS-BLSV050AL03
3	Installation kit safety valve		AS-BLKS050050C
4	In-Line filter	Paper	AS-BLIL065PA007
		Polyester	AS-BLIL065PO025
		Stainless Steel 30 µ	-
		Stainless Steel 60 µ	-
5	Cartridge filter		AS-BLCF065PA007
6	Filter kit	Nipple	AS-BLKC065PN
		Socket	AS-BLKC065PS
7	Final Silencer		AS-BLFS065ZP / AS-BLFS065ZPR
8	In-Line silencer		AS-BLIS065
9	Indoor filter		AS-BLIF065ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH065
12	Check valve		AS-BLCV065AL
13	Anti-vibration pins		AS-BLAV12



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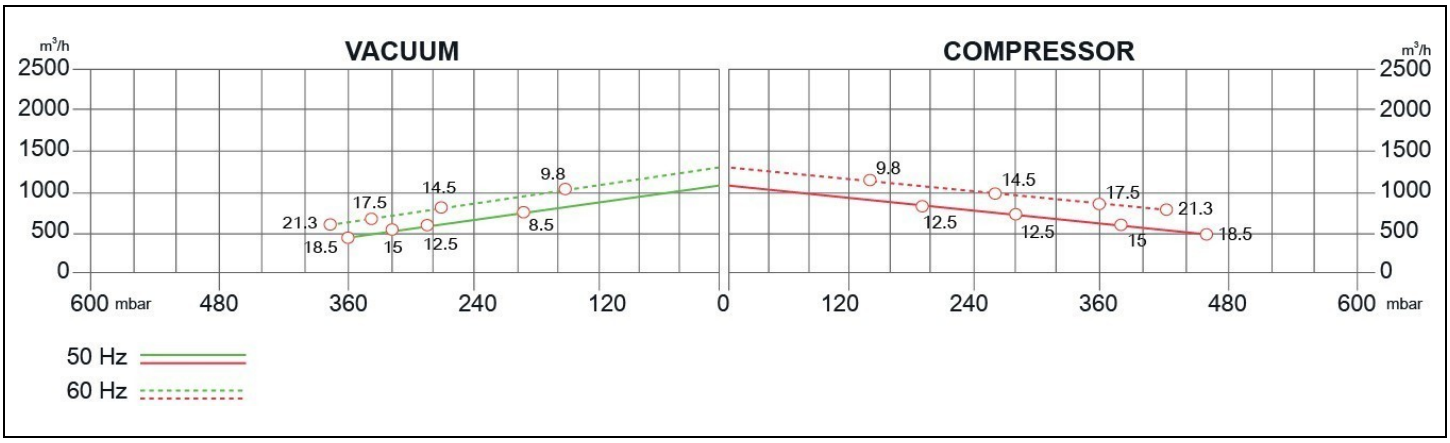
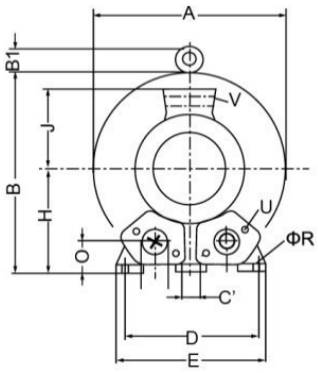
Soffianti a canali laterali – Singolo Stadio – Trifase

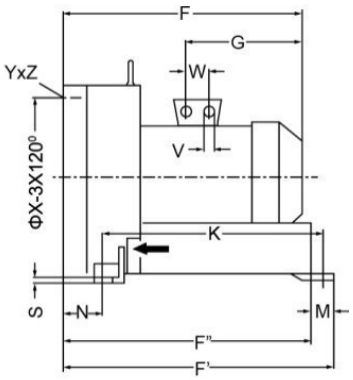
Series R-BL 090 001

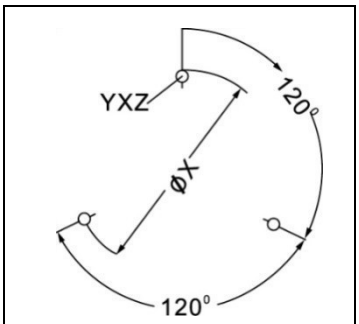
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL09000108500	50	8.5	345÷415	600÷720	18.2	10.5	1050	-190	190	74	93
	60	9.8	380÷480	660÷720			1250	-150	140	79	
R-BL09000112500	50	12.5	345÷415	600÷720	28.0	16.2	1050	-290	280	74	116
	60	14.5	380÷480	660÷720	29.0	16.7	1250	-270	260	79	
R-BL09000115000	50	15	345÷415	600÷720	35.0	20.0	1050	-320	380	74	120
	60	17.5	380÷480	660÷720	36.5	21.0	1250	-340	360	79	
R-BL09000118500	50	18.5	345÷415	600÷720	37.0	21.0	1050	-360	460	74	126
	60	21.3	380÷480	660÷720	39.0	22.5	1250	-380	420	79	









ØX	XYZ	X-holes
490	M12x30	0°/120°/240°

MODEL	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W
R-BL09000108500	550	569	55	207	15	360	415	525	644	605	268	300	167	533	39	89	92	100	150	15	21	M12x30	4xM32x1.5	42
R-BL09000112500	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	100	150	15	21	M12x30	4xM32x1.5	54
R-BL09000115000	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	100	150	15	21	M12x30	4xM32x1.5	54
R-BL09000118500	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	100	150	15	21	M12x30	4xM32x1.5	54

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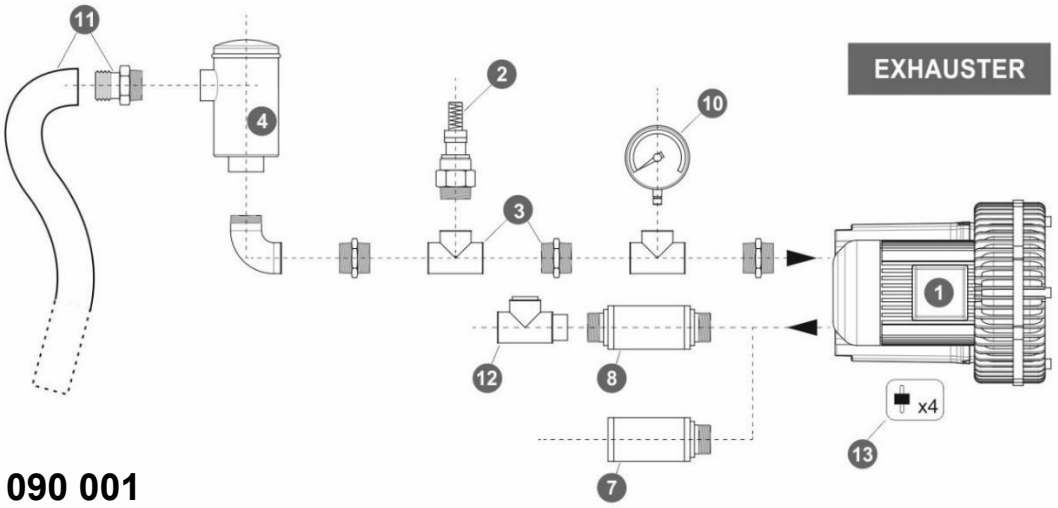
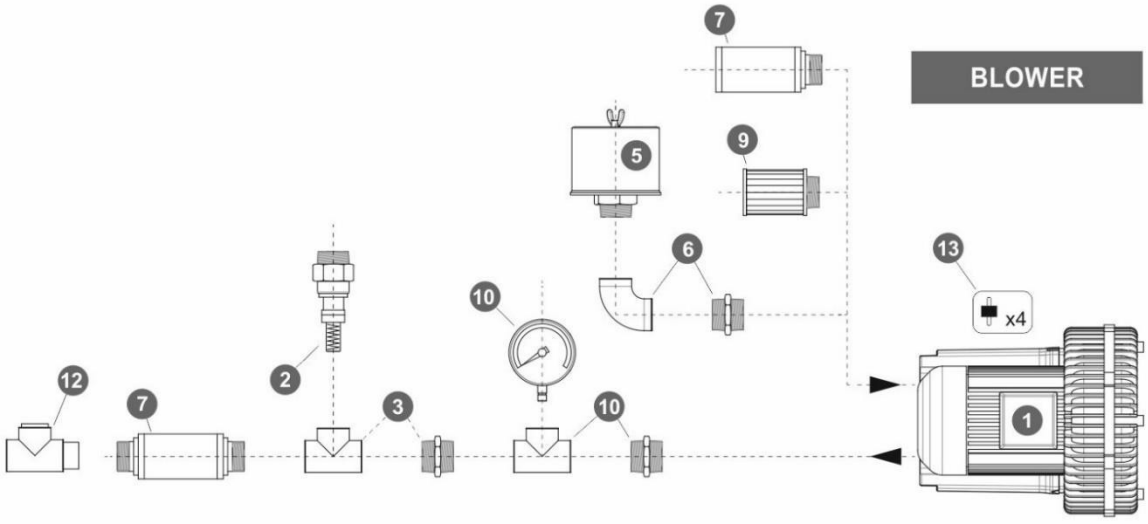
Soffianti a canali laterali – Singolo Stadio – Trifase



Series R-BL 090 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 4" connection**		**AS-BL 090 001__**
2	Safety Valve		AS-BLSV100AL03 AS-BLSV100AL24 AS-BLSV100AL46
3	Installation kit safety valve		AS-BLKS100100C AS-BLKS10F100C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL100PA007 AS-BLIL100PO025 - -
5	Cartridge filter		AS-BLCF100PA007
6	Filter kit	Nipple Socket	AS-BLKC100PN AS-BLKC100PS
7	Final Silencer		AS-BLFS100ZP / AS-BLFS100ZPR
8	In-Line silencer		AS-BLIS100
9	Indoor filter		-
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH100
12	Check valve		AS-BLCV100AL
13	Anti-vibration pins		AS-BLAV12



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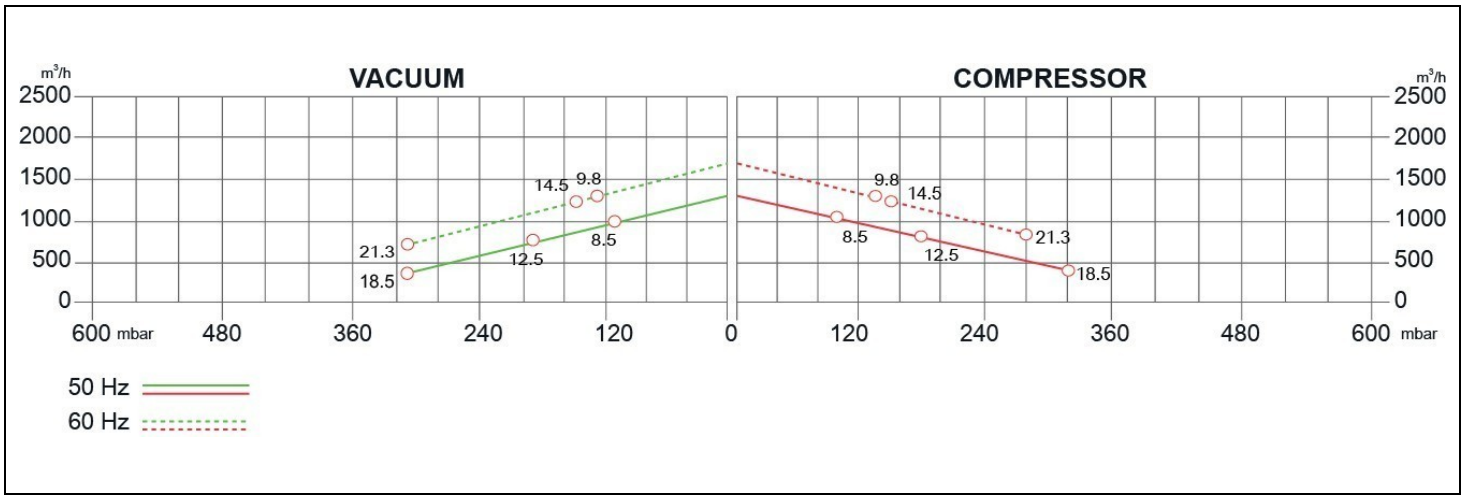
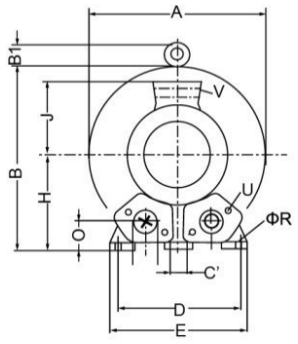
Soffianti a canali laterali – Singolo Stadio – Trifase

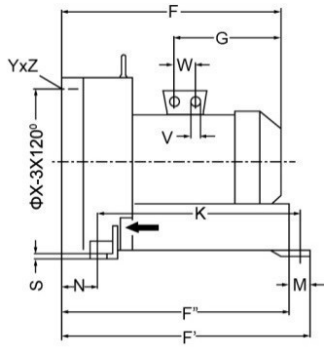
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

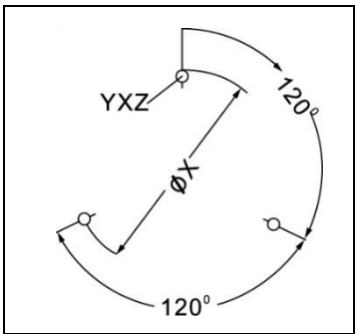
Series R-BL 093 001

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL09300108500	50	8.5	345÷415	600÷720	18.2	10.5	1370	-120	110	75	98
	60	9.8	380÷480	660÷720			1650	-140	140	80	
R-BL09300112500	50	12.5	345÷415	600÷720	28.0	16.2	1370	-190	180	75	121
	60	14.5	380÷480	660÷720	29.0	22.5	1650	-150	150	80	
R-BL09300118500	50	18.5	345÷415	600÷720	37.0	21.0	1370	-310	320	75	131
	60	21.3	380÷480	660÷720	39.0	22.5	1650	-300	280	80	









ØX	XYZ	X-holes
490	M12x30	0°/120°/240°

MODEL	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	ØP	Q	ØR	S	U	V	W
R-BL09300108500	550	569	55	207	15	360	415	563	682	643	268	300	167	533	39	127	92	100	150	15	21	M12x30	4XM32X1.5	42
R-BL09300112500	550	569	55	207	15	360	415	649	682	643	345	300	197	533	39	127	92	100	150	15	21	M12x30	4XM32X1.5	54
R-BL09300118500	550	569	55	207	15	360	415	649	682	643	345	300	197	533	39	127	92	100	150	15	21	M12x30	4XM32X1.5	54

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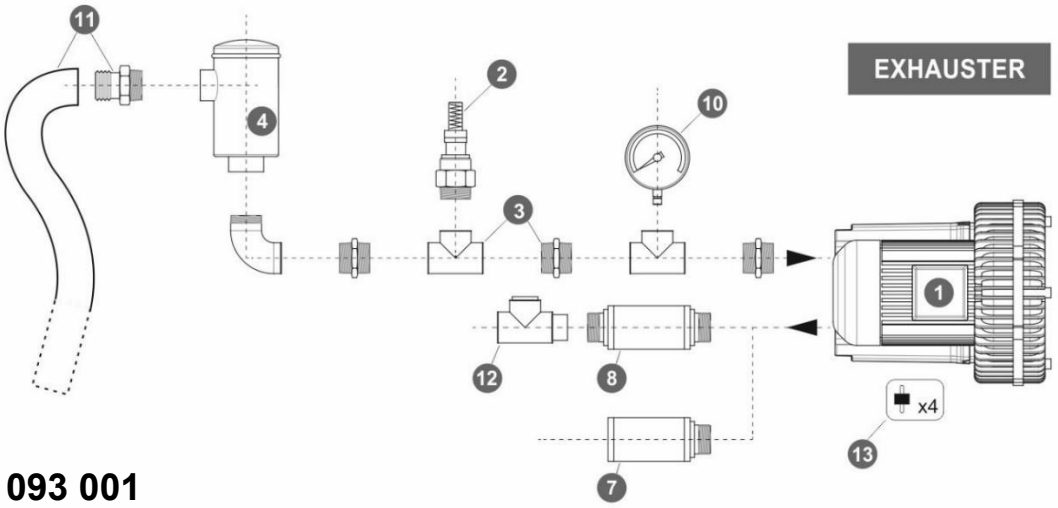
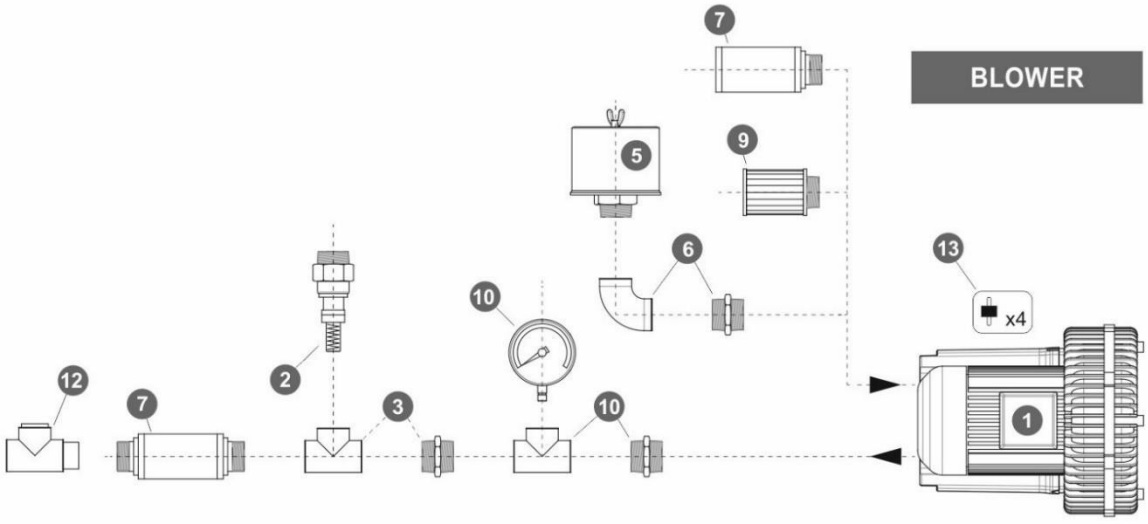
Soffianti a canali laterali – Singolo Stadio – Trifase



Series R-BL 093 001

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 4" connection**		**AS-BL 090 001__**
2	Safety Valve		AS-BLSV100AL03 AS-BLSV100AL24 AS-BLSV100AL46
3	Installation kit safety valve		AS-BLKS100100C AS-BLKS10F100C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL100PA007 AS-BLIL100PO025 - -
5	Cartridge filter		AS-BLCF100PA007
6	Filter kit	Nipple Socket	AS-BLKC100PN AS-BLKC100PS
7	Final Silencer		AS-BLFS100ZP / AS-BLFS100ZPR
8	In-Line silencer		AS-BLIS100
9	Indoor filter		-
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH100
12	Check valve		AS-BLCV100AL
13	Anti-vibration pins		AS-BLAV12



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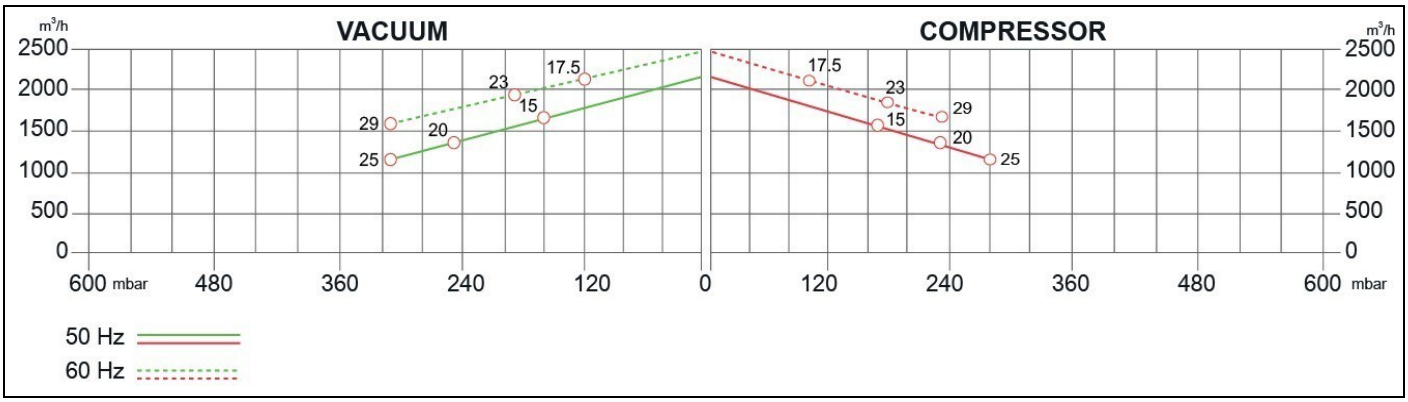
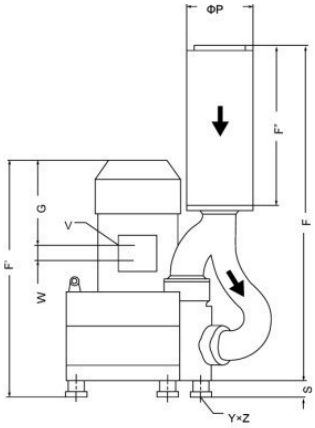
Soffianti a canali laterali – Singolo Stadio – Trifase

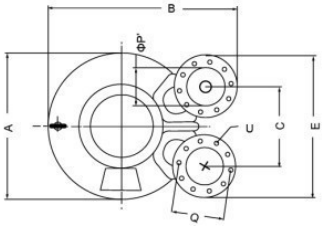
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

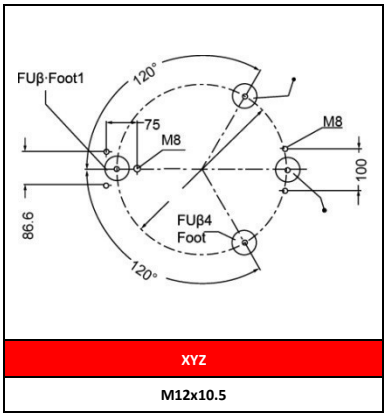
Series R-BL 095 020

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL09502015000	50	15	345÷415	600÷720	35.0	20.0	2050	-160	170	75	220
	60	17.5	380÷480	660÷720	36.5	21.0	2480	-120	110	84	
R-BL09502020000	50	20	345÷415	600÷720	40.0	23.0	2050	-250	230	75	230
	60	23	380÷480	660÷720	42.0	24.2	2480	-190	180	84	
R-BL09502025000	50	25	345÷415	600÷720	52.0	30.0	2050	-310	280	75	235
	60	29	380÷480	660÷720			2480	-270	230	84	









XYZ
M12x10.5

MODEL	A	B	C	D	E	F	F'	F''	G	P	P'	Q	S	U	V	W
R-BL09502015000	615	723	307	490	526	1201	848	578	291	219	135	201	58	M8x40	4XM40X1.5	54
R-BL09502020000	615	723	307	490	526	1201	848	578	291	219	135	201	58	M8x40	4XM40X1.5	54
R-BL09502025000	615	723	307	490	526	1201	908	578	351	219	135	201	58	M8x40	4XM40X1.5	54

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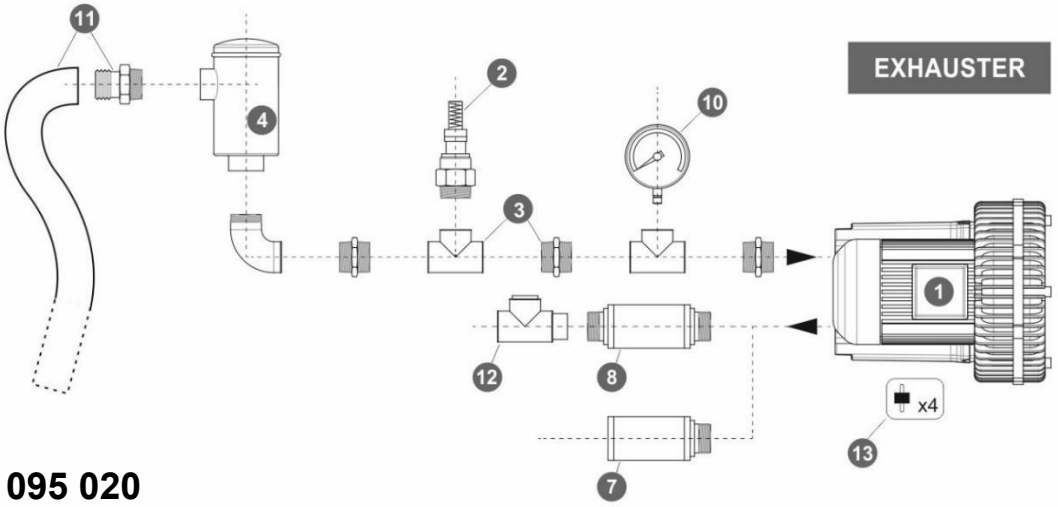
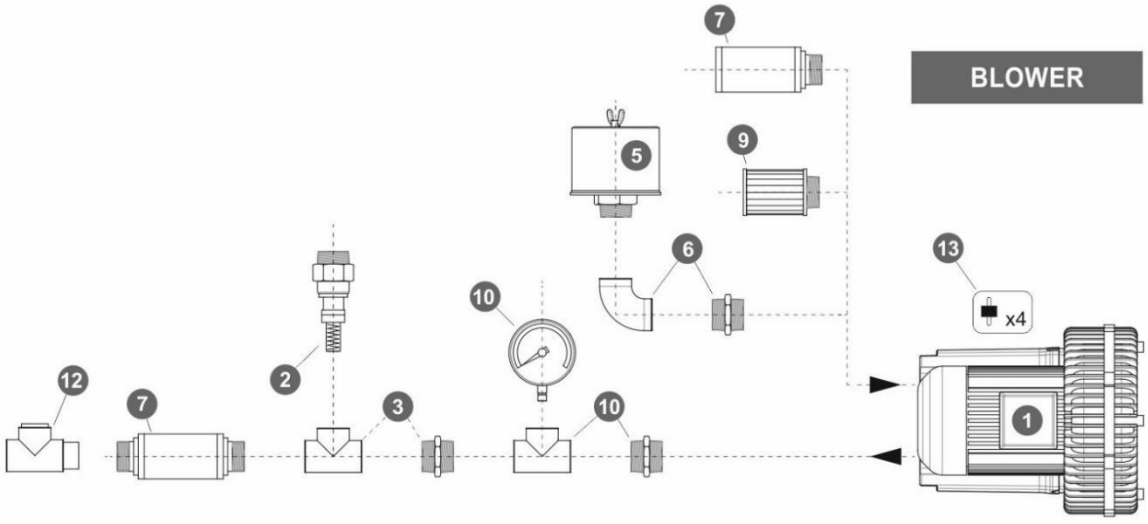
Soffianti a canali laterali – Singolo Stadio – Trifase



Series R-BL 095 020

Ref. #	Description		Code
1	**Side Channel Blower – Single Impeller / Single Stage – 4" connection**		**AS-BL 095 020__**
2	Safety Valve		AS-BLSV100AL03 AS-BLSV100AL24 AS-BLSV100AL46
3	Installation kit safety valve		AS-BLKS100100C AS-BLKS10F100C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL100PA007 AS-BLIL100PO025 - -
5	Cartridge filter		AS-BLCF100PA007
6	Filter kit	Nipple Socket	AS-BLKC100PN AS-BLKC100PS
7	Final Silencer		AS-BLFS100ZP / AS-BLFS100ZPR
8	In-Line silencer		AS-BLIS100
9	Indoor filter		-
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH100
12	Check valve		AS-BLCV100AL
13	Anti-vibration pins		AS-BLAV12



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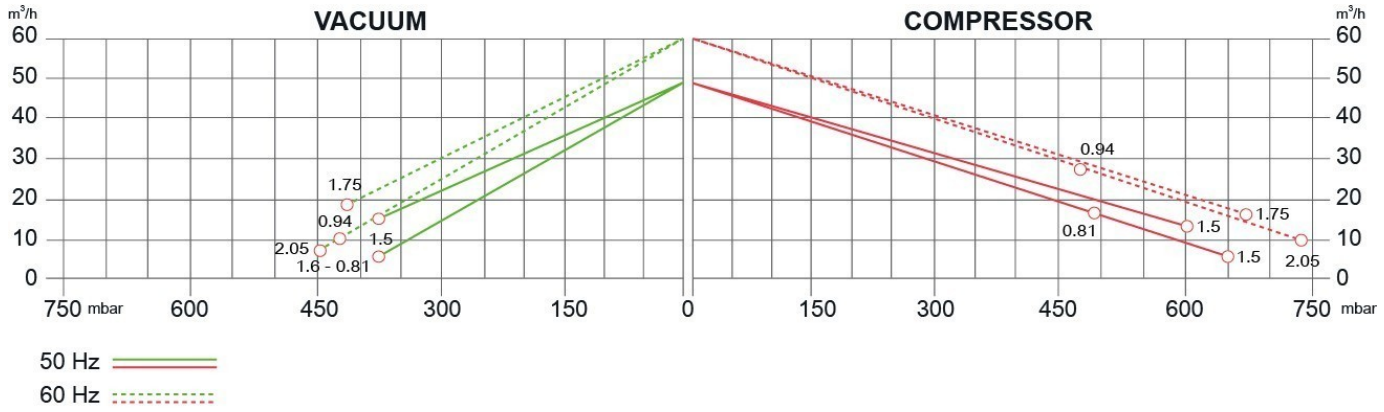
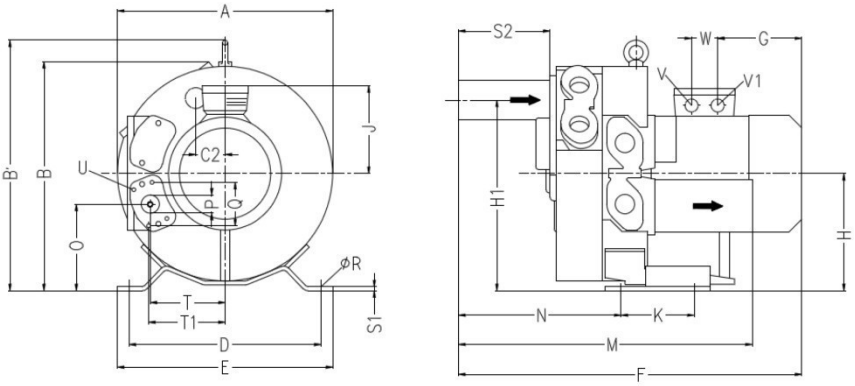
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Series R-BL 224 002

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL224002M1500	50	1.5	200÷240		9.7		47	-370	600	58	30
	60	1.75			10.3		60	-420	660	62	
R-BL22400200900	50	0.81	200÷240	345÷415	4	2.3	47	-370	490	58	24
	60	0.94	220÷275	380÷480			60	-440	480	62	
R-BL22400201600	50	1.6	200÷240	345÷415	7.5	4.3	47	-370	650	58	28
	60	2.05	220÷275	380÷480	7.6	4.4	60	-500	740	62	





MODEL	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ϕR	S1	S2	S3	T	T1	U	V	V1	W
R-BL224002M1500	313	326	359	43	260	298	525	185	167	272	128	105	426	241	123	G1 1/4	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32
R-BL22400200900	313	326	359	43	260	298	469	130	167	272	111	105	426	241	123	G1 1/4	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32
R-BL22400201600	313	326	359	43	260	298	525	185	167	272	128	105	426	241	123	G1 1/4	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32

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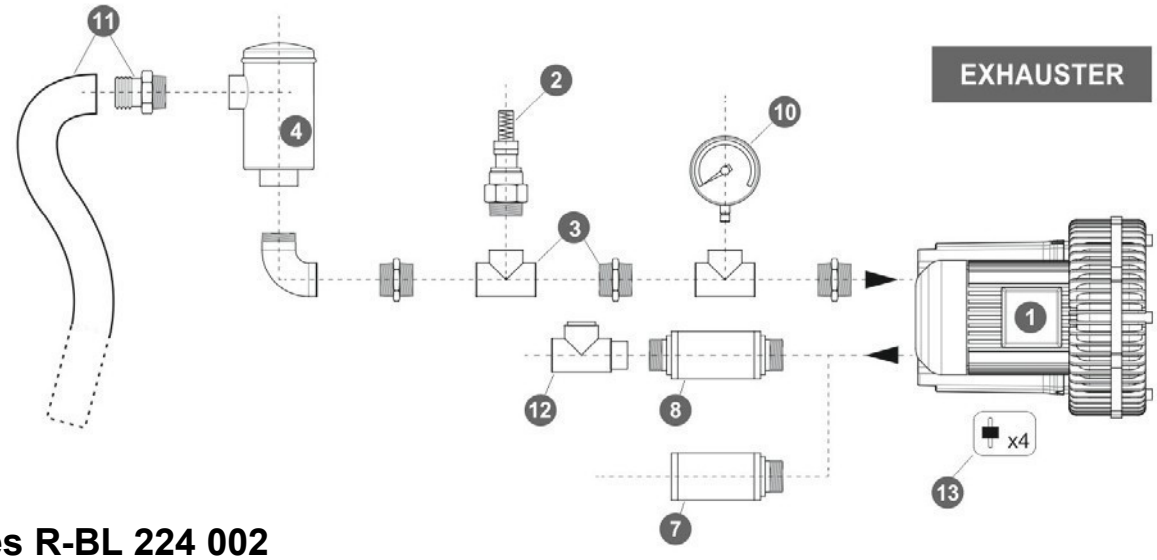
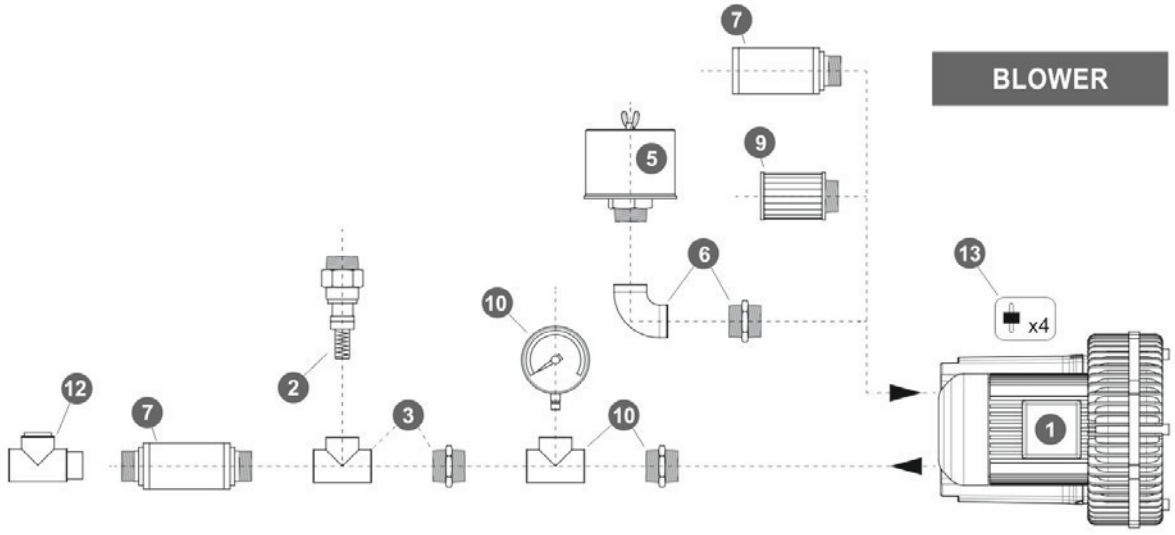
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase



Series R-BL 224 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 224 002_**
2	Safety Valve		-
3	Installation kit safety valve		-
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Doppio Stadio – Monofase

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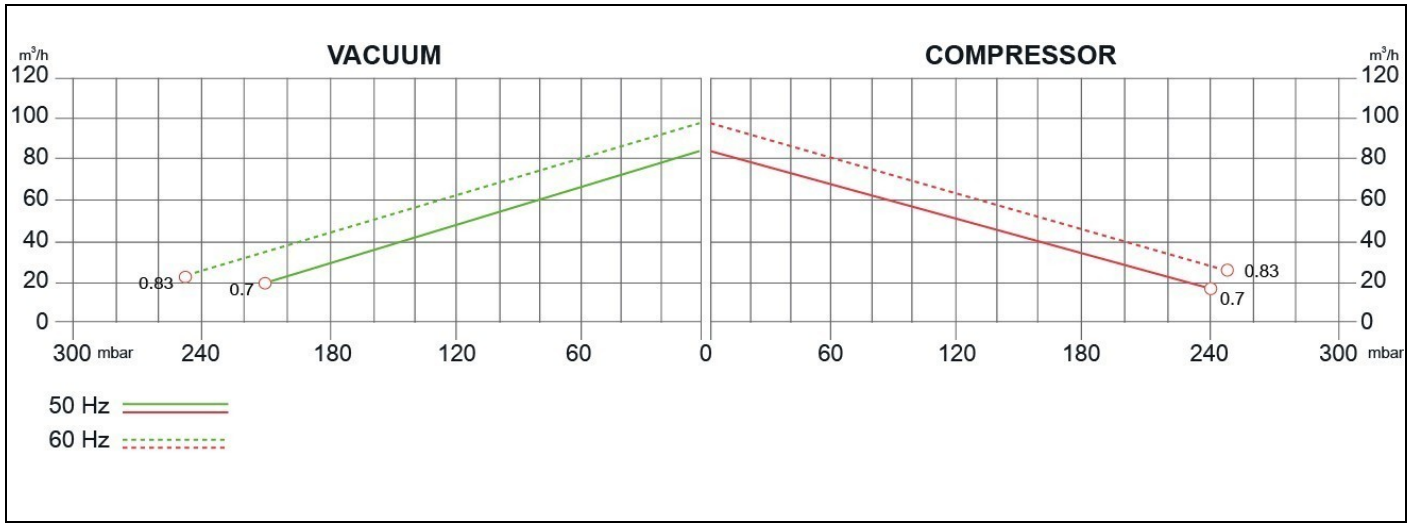
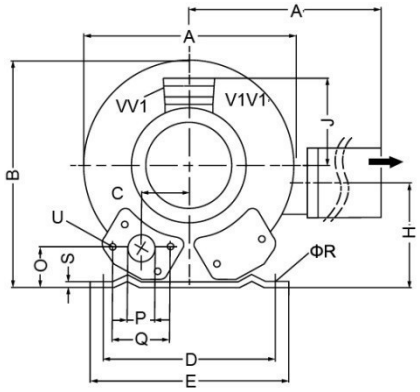
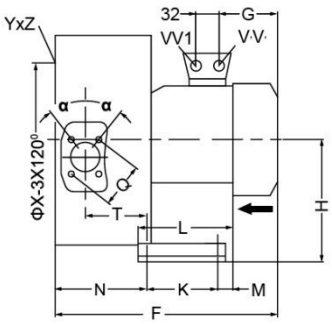
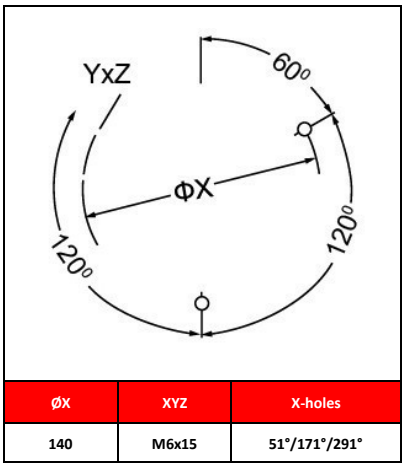
Series R-BL 320 002

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL32000200700	50	0.70	220÷240	354÷315	3.8	2.2	88	-210	240	55	15
	60	0.83	220÷275	380÷480	3.75	2.15	102	-250	250	61	
R-BL320002M0700	50	0.7	220÷240		4.5		88	-210	240	55	16
	60	0.83			5.6		103	-250	250	61	









ØX	XYZ	X-holes
140	M6x15	51°/171°/291°

MODEL	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	(1~) V	(1~) V'	(3~) V	(3~) V1'	α
R-BL32000200700	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1/4"	64	10	2.8	88	M6x7			M25X1.5	M16X1.5	27
R-BL320002M0700	246	247	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1/4"	64	10	2.8	88	M6x7	M16X1.5	M25X1.5			27

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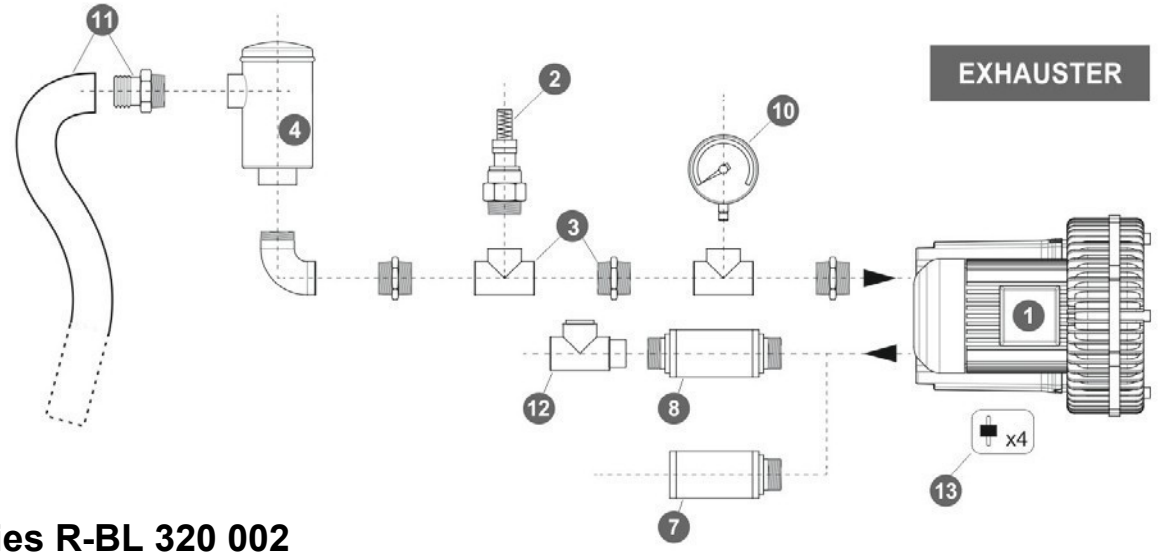
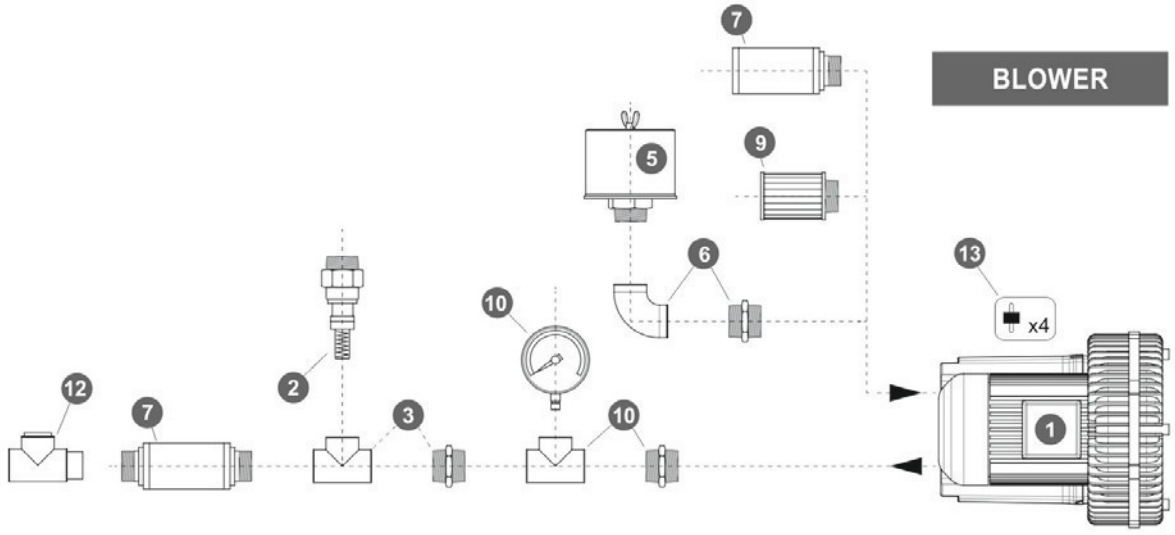
Soffianti a canali laterali – Doppio Stadio – Monofase



Series R-BL 320 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 320 002_**
2	Safety Valve		AS-BLSV032AL36
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Doppio Stadio – Monofase

Series R-BL 324 002

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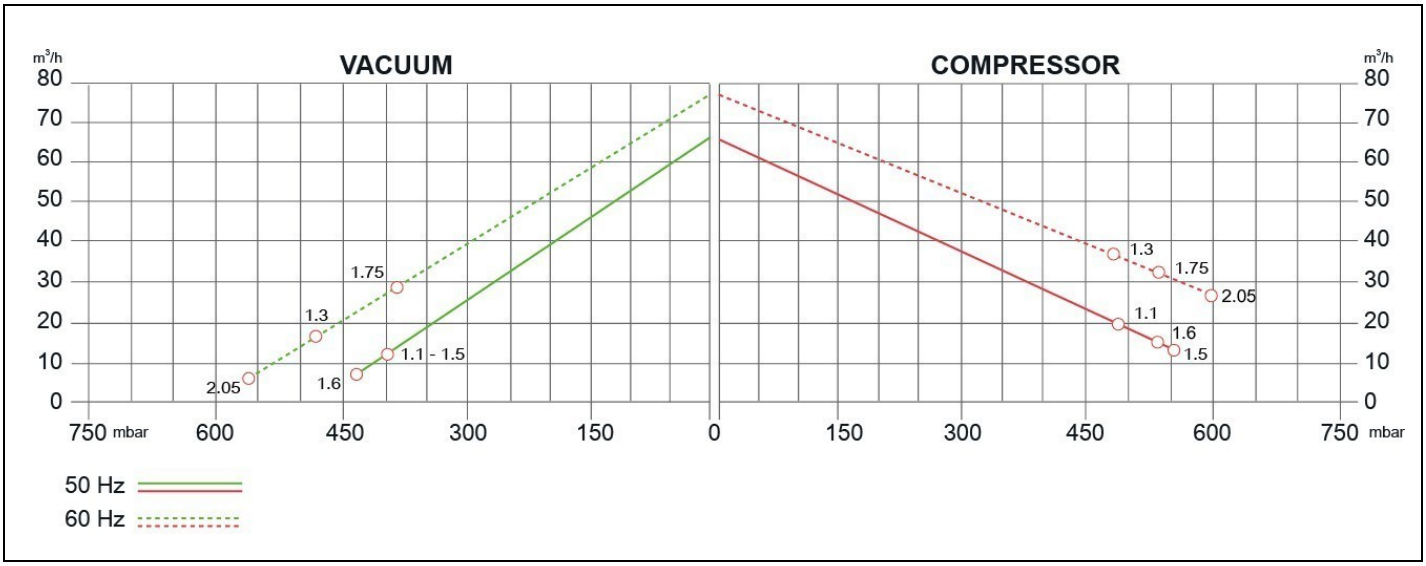
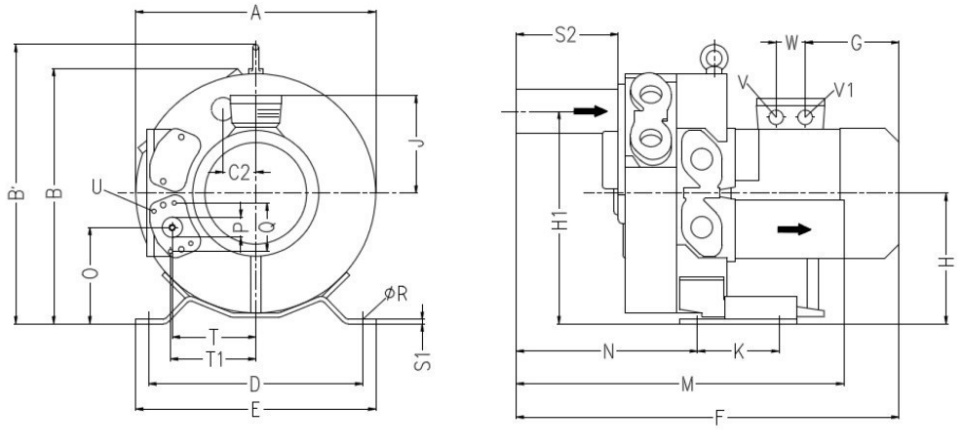
Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL324002M1500	50	1.5	200÷240		9.7		65	-400	550	59	32
	60	1.75			10.3		76	-390	540	53	
R-BL32400201100	50	1.1	200÷240	345÷415	5.4	3.1	65	-400	480	59	29
	60	1.3	220÷275	380÷480	5.4	3.1	76	-480	480	63	
R-BL32400201600	50	1.6	200÷240	345÷415	7.5	4.3	65	-440	540	59	30
	60	2.05	220÷275	380÷480	7.5	4.4	76	-560	600	63	





MODEL	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL32400201100	331	345	380	47	290	325	390	153	177	291	120	105	431	243	130	G 1¼	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32
R-BL32400201500							421	185			128																
R-BL224002M1500																											

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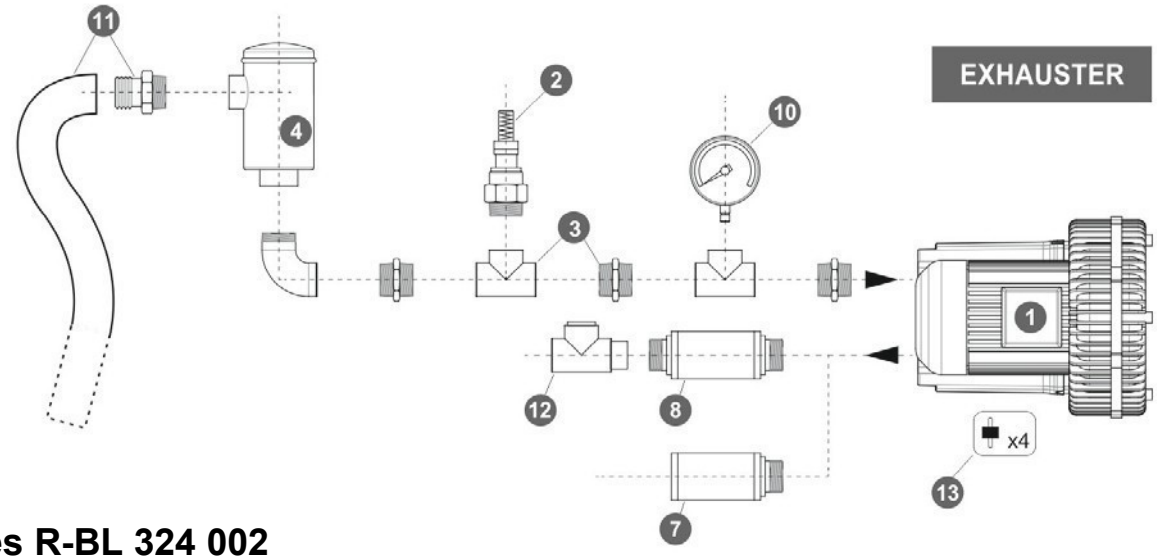
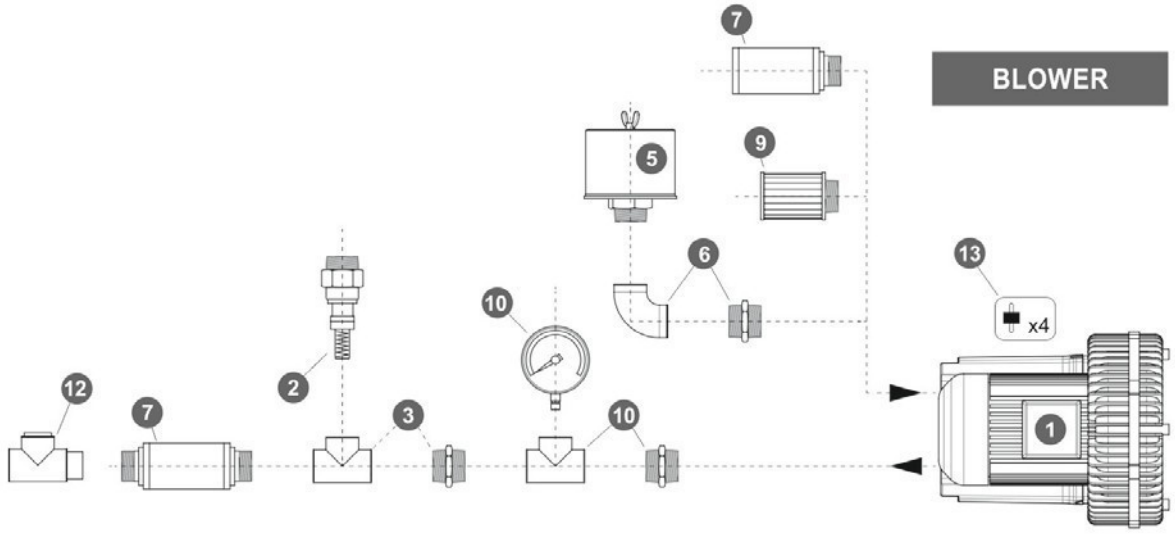
Soffianti a canali laterali – Doppio Stadio – Monofase



Series R-BL 324 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 324 002_**
2	Safety Valve		AS-BLSV032AL36
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Doppio Stadio – Monofase

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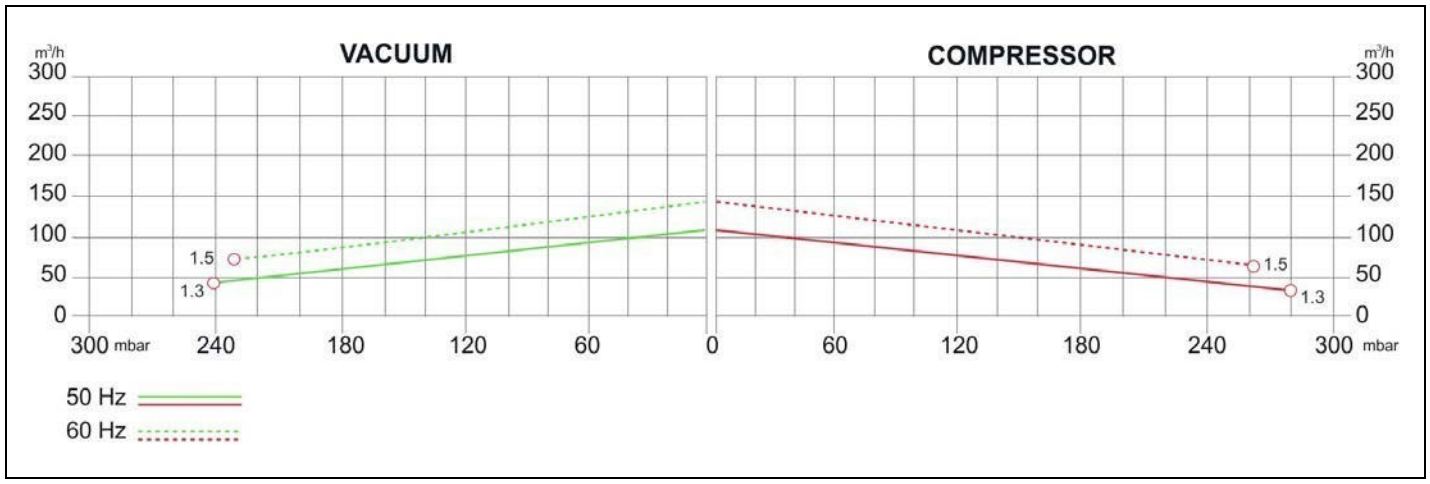
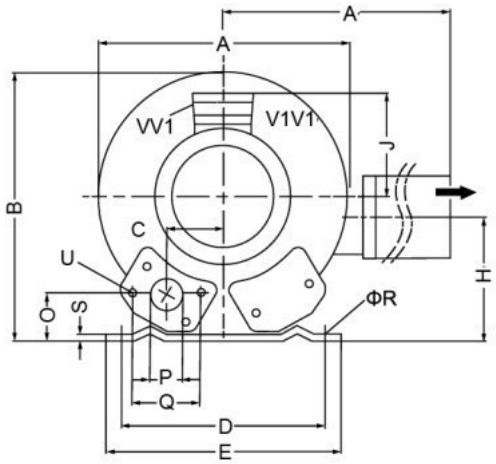
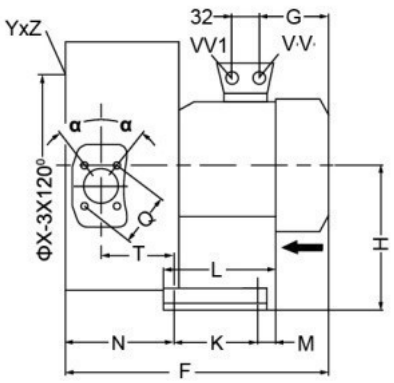
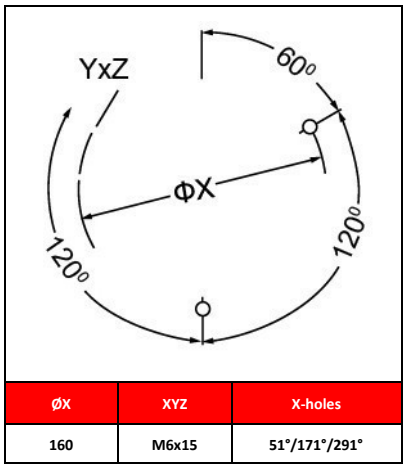
Series R-BL 352 002

Model	Freq. [Hz]	Power [kW]	Voltage [V] △	Voltage [V] Y	Rated Current [A] △	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL352002M1300	50	1.3	220÷240		7.3		120	-240	280	58	17
	60	1.5			8.3		145	-230	260	60	









ØX	XYZ	X-holes
160	M6x15	51°/171°/291°

MODEL	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	(1~) V	(1~) V'	(3~) V	(3~) V1'	α
R-BL352002M1300	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	G1/4"	64	10	2.5	92	M6x17	M16X1.5	M25X1.5			27

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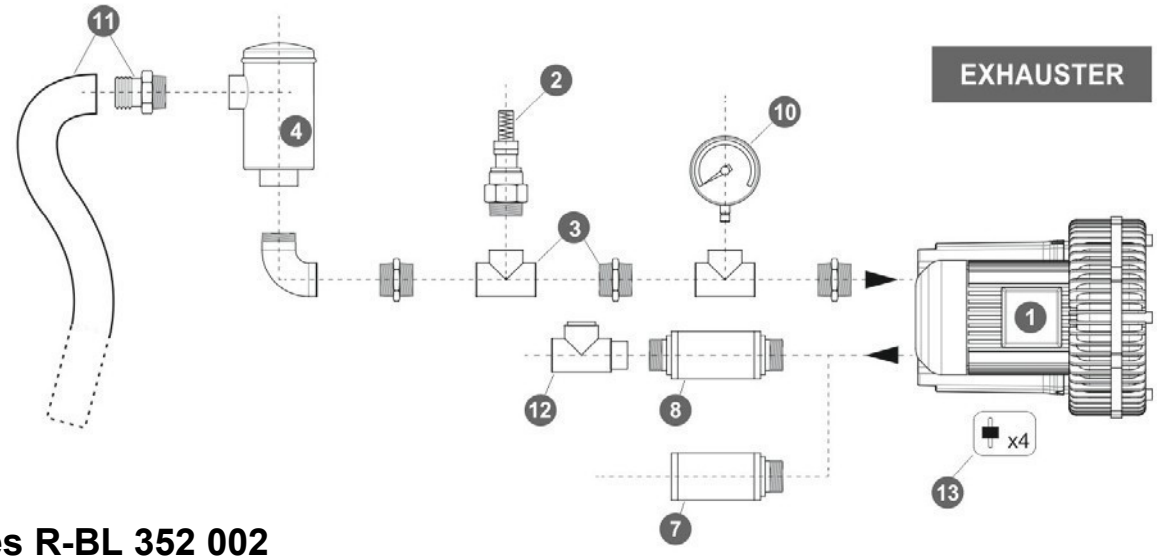
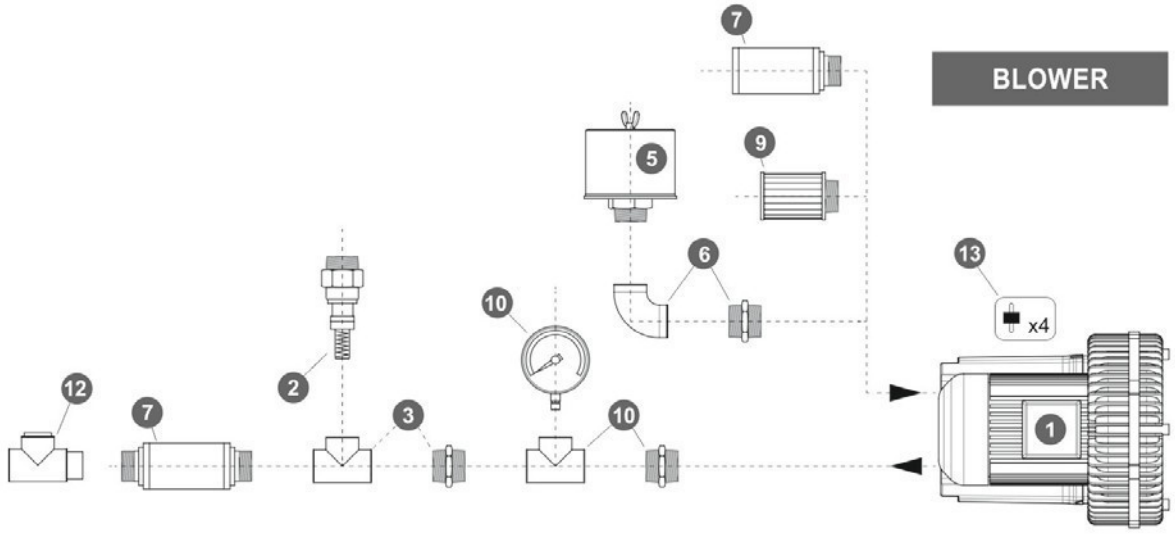
Soffianti a canali laterali – Doppio Stadio – Monofase



Series R-BL 352 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 352 002_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

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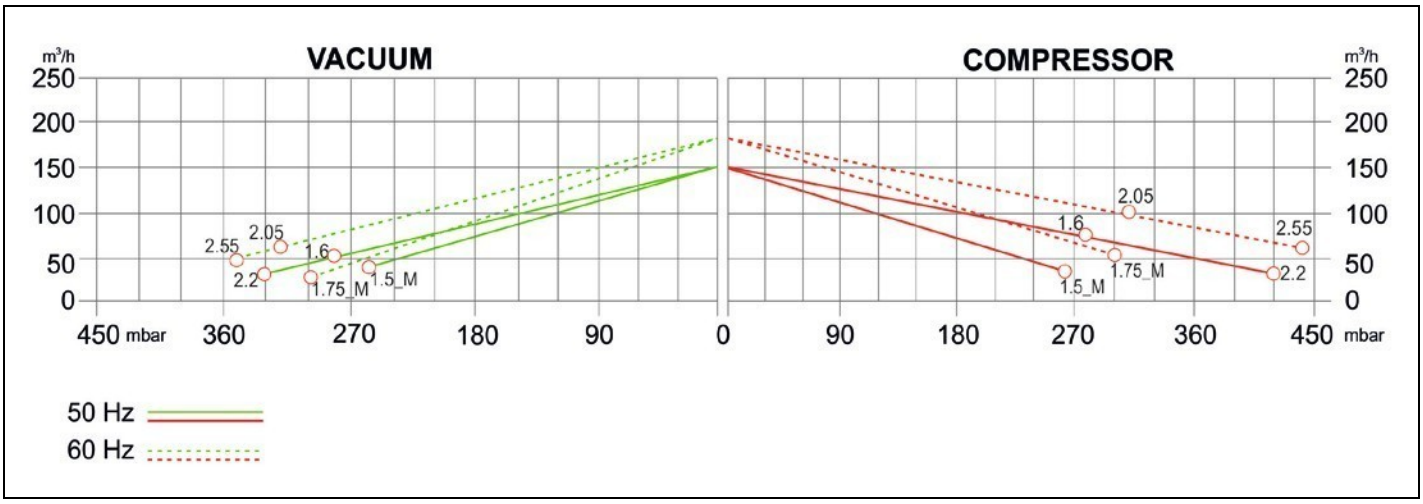
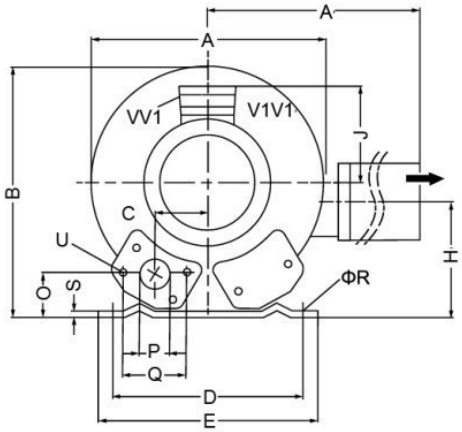
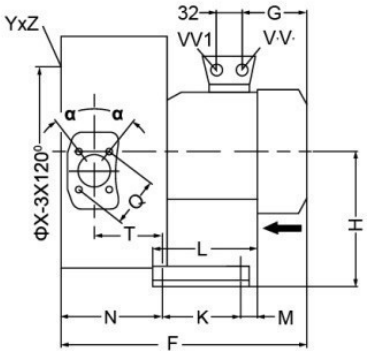
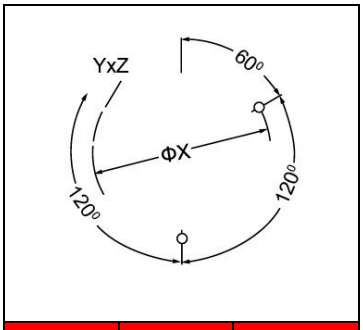
Series R-BL 420 002

Model	Freq. [Hz]	Power [kW]	Voltage [V] Δ	Voltage [V] Y	Rated Current [A] Δ	Rated Current [A] Y	Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-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	
R-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	
R-BL420002M1500	50	1.50	200÷240		9		150	-260	260	66	28
	60	1.75	200÷240		9.5		180	-300	290	69	









φX	XYZ	X-Holes
174	M6X15	51°/171°/291°

MODEL	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	(1~) V	(1~) V'	(3~) V	(3~) V1'	α
R-BL42000201600	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1/2"	72	12	3	104	M6x19			M25X1.5	M16X1.5	28
R-BL42000202200	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1/2"	72	12	3	104	M6x19			M25X1.5	M16X1.5	28
R-BL320002M1500	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1/2"	72	12	3	104	M6x19	M16X1.5	M25X1.5			28

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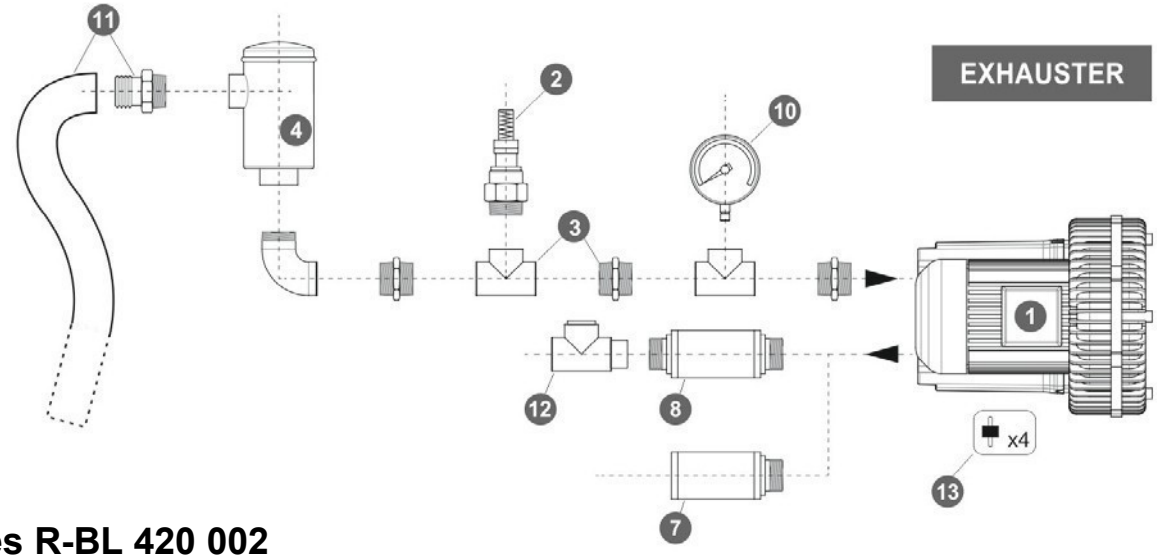
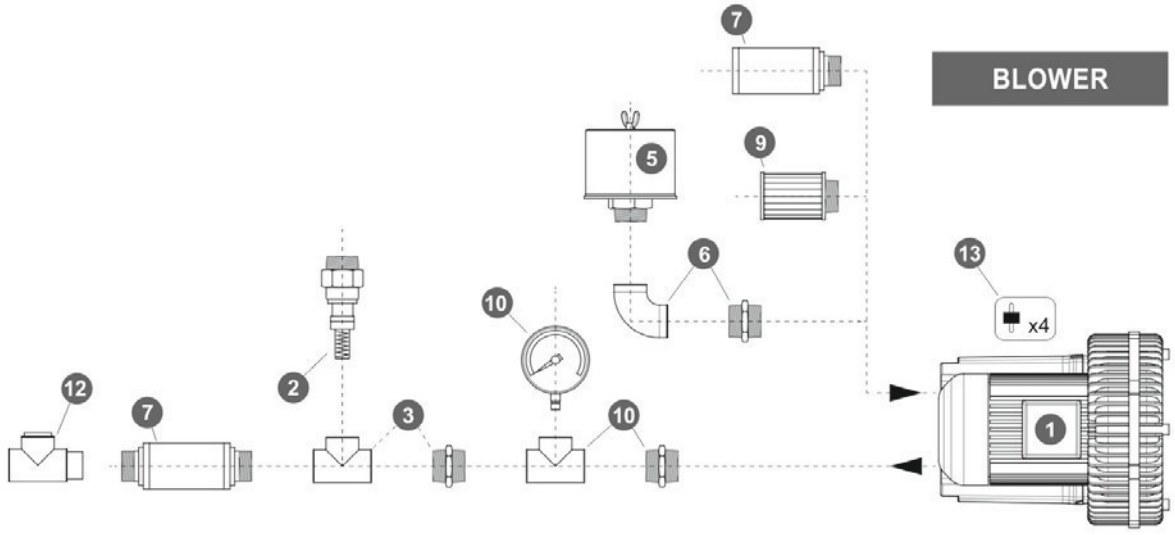
Soffianti a canali laterali – Doppio Stadio – Monofase



Series R-BL 420 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 420 002_**
2	Safety Valve		AS-BLSV032AL03
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper	AS-BLIL040PA007
		Polyester	AS-BLIL040PO025
		Stainless Steel 30 µ	AS-BLIL040SS030
		Stainless Steel 60 µ	AS-BLIL040SS060
5	Cartridge filter		AS-BLCF040PA007
6	Filter kit	Nipple	AS-BLKC040PN
		Socket	AS-BLKC040PS
7	Silenziatore finale		AS-BLFS040ZP / AS-BLFS040ZPR
8	In-Line silencer		AS-BLIS040
9	Indoor filter		AS-BLIF040ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH040
12	Check valve		AS-BLCV040AL
13	Anti-vibration pins		AS-BLAV06



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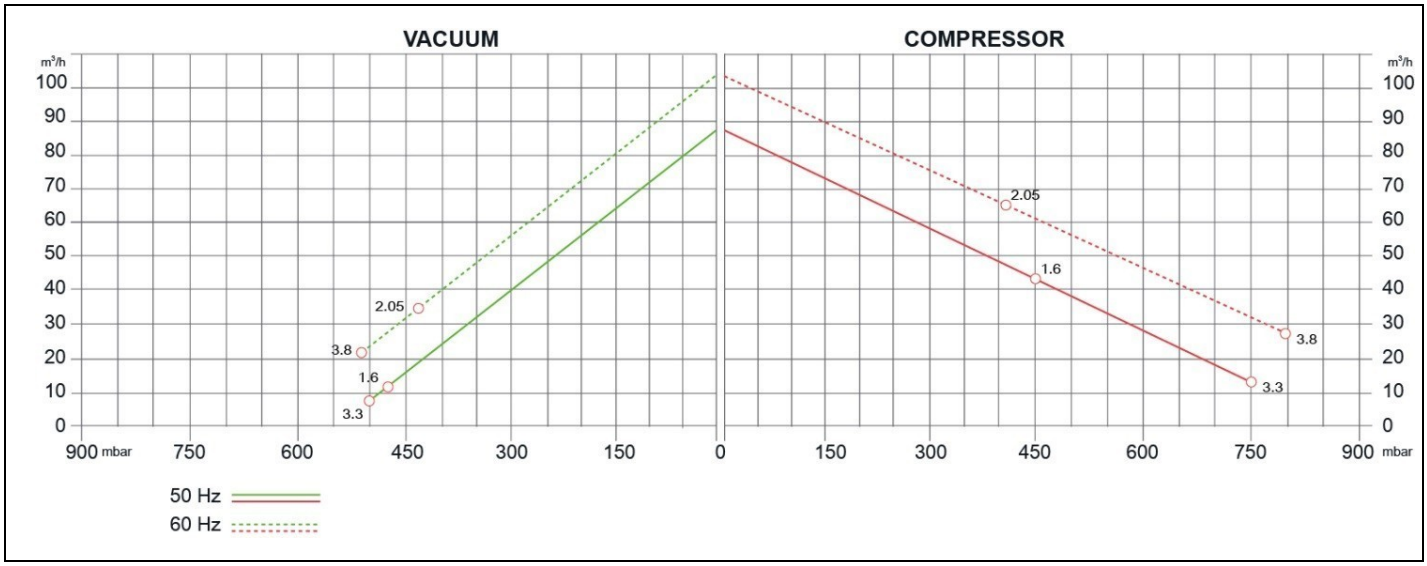
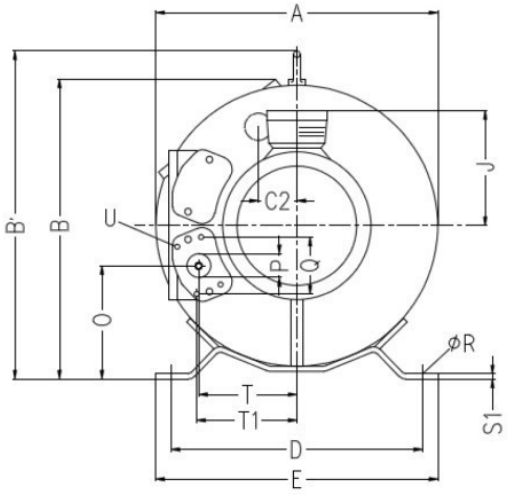
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

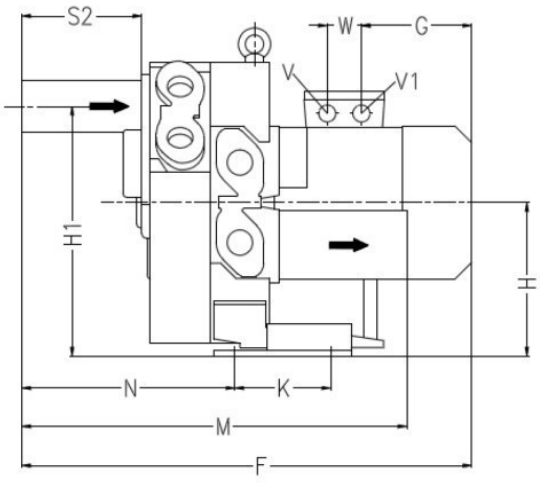
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Series R-BL 424 002

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL42400201600	50	1.6	200÷240	345÷415	7.5	4.3	87	-480	450	61	33
	60	2.05	220÷275	380÷480	7.6	4.4	105	-430	410	66	
R-BL42400203000	50	3.3	200÷240	345÷415	13	7.5	87	-500	750	61	39
	60	3.8	220÷275	380÷480	13.8	8	105	-510	850	66	







MODEL	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL42400201600	363	377	380	52	315	350	529	180	195	319	128	130	436	243	143	G 1¼	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32
R-BL32400203000							554	211																		

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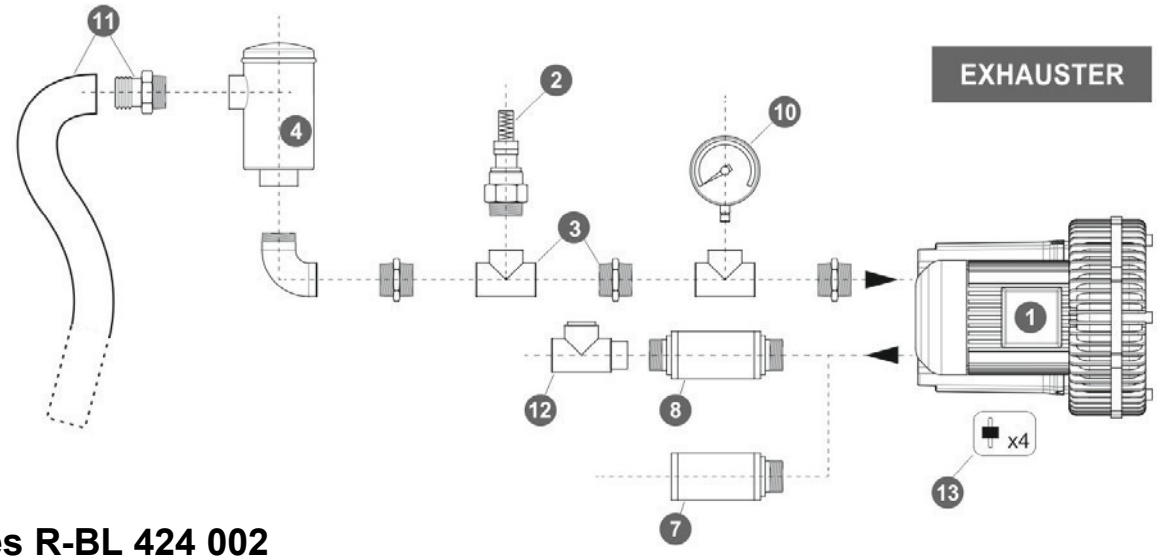
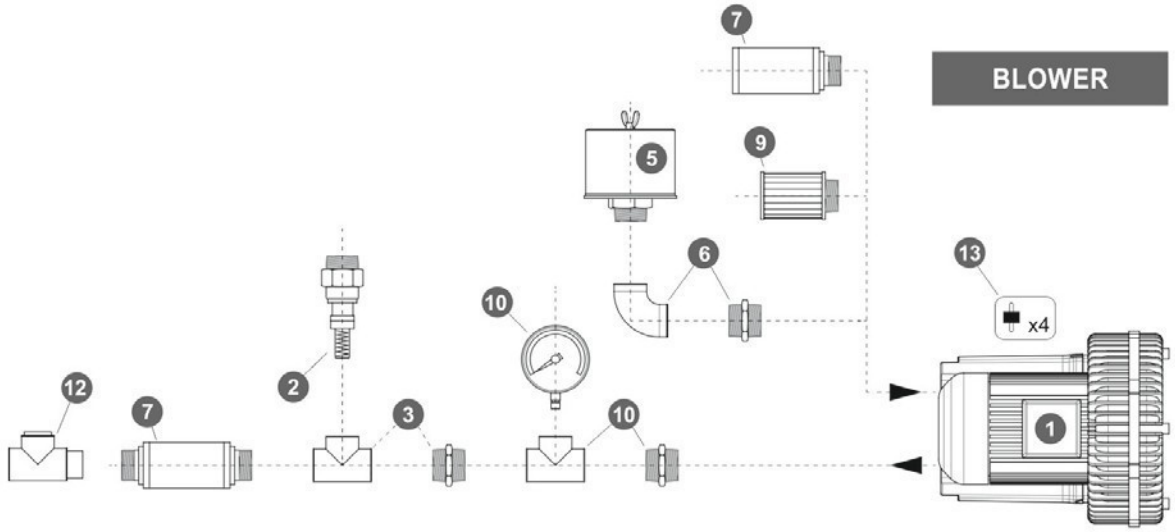
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase



Series R-BL 424 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 424 002_**
2	Safety Valve		AS-BLSV032AL36 -
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL032PA007 AS-BLIL032PO025 AS-BLIL032SS030 AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple Socket	AS-BLKC032PN AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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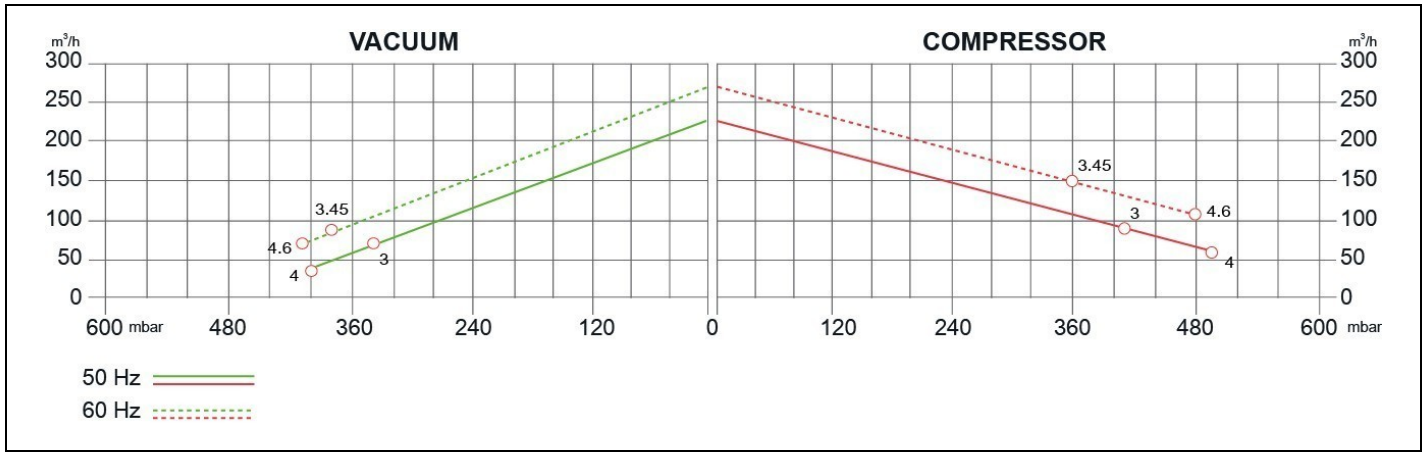
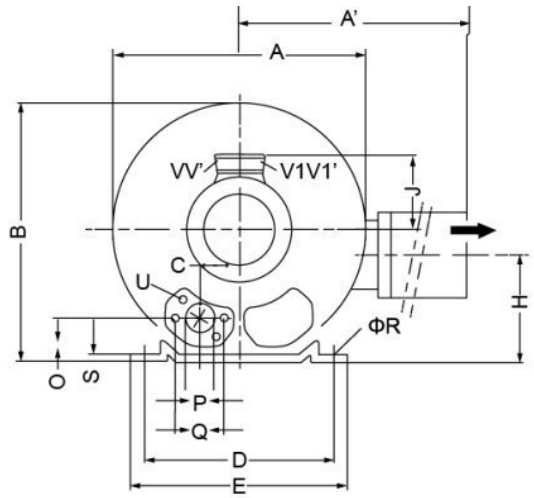
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

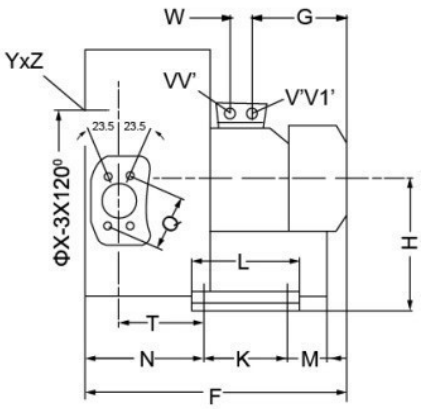
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

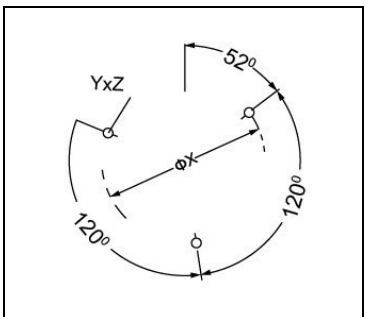
Series R-BL 520 002

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL52000203000	50	3.00	200÷240	345÷415	12.5	7.2	230	-340	410	72	39
	60	3.45	220÷275	380÷480	12.6	7.3	275	-380	360	74	
R-BL52000204000	50	4.00	345÷415	600÷720	10	5.8	230	-390	490	72	44
	60	4.60	380÷480	660÷720	9.9	5.71	275	-410	480	74	









φX	XYZ	X-Holes
200	M8X20	51.5°/171.5°/291.5°

MODEL	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V'	V1	V1'	W
R-BL52000203000	372	411	371	60	260	295	465	190	175	144	135	115	155	98	171	48	55	83	14	4	116	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M32x1.5	42°
R-BL52000204000	372	411	371	60	260	295	499	224	175	144	135	115	155	98	171	48	55	83	14	4	116	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M32x1.5	42°

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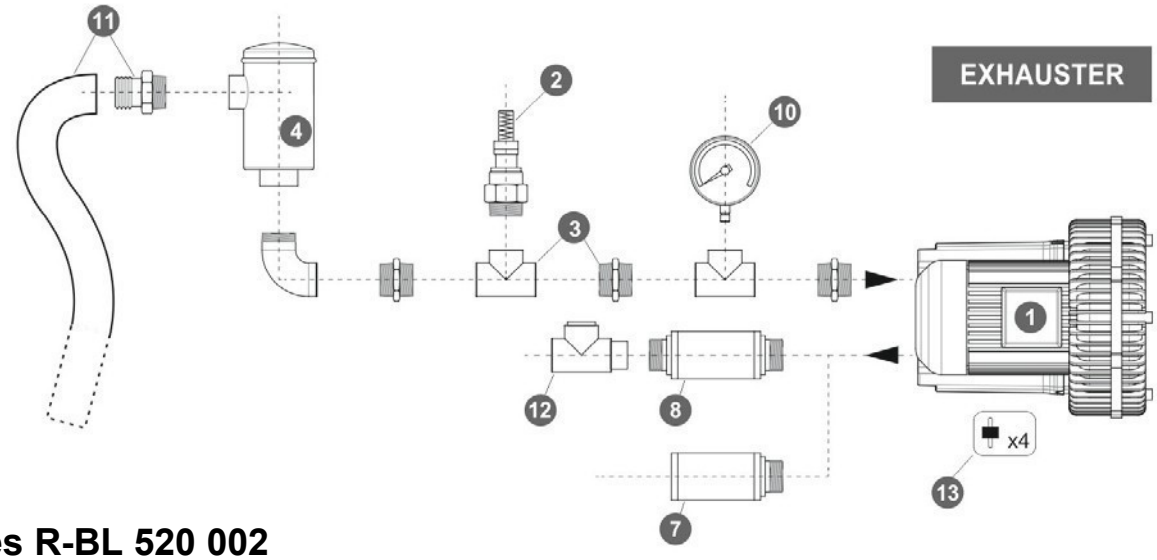
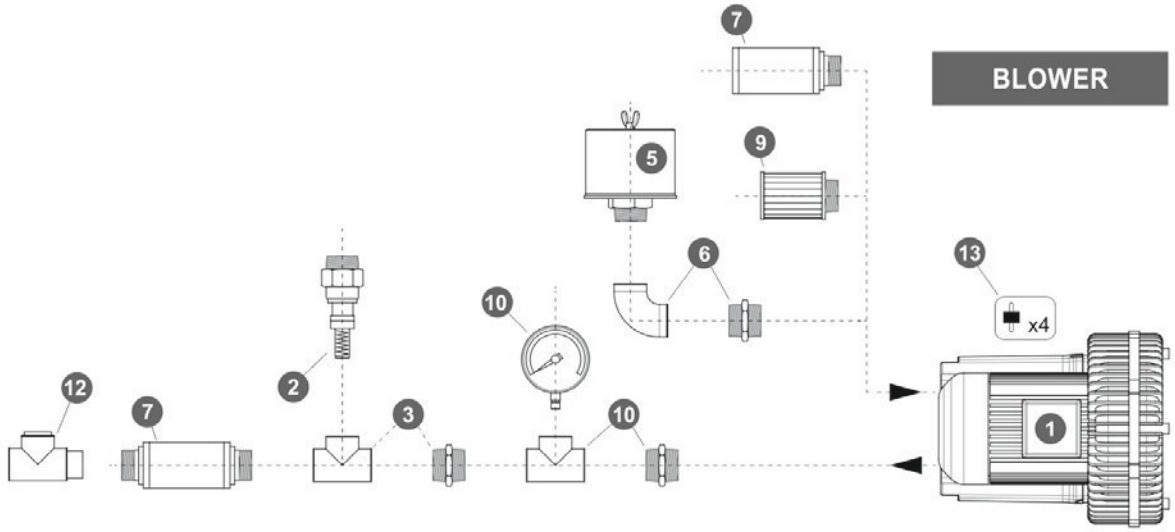
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase



Series R-BL 520 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 520 002_**
2	Safety Valve		AS-BLSV050AL36 -
3	Installation kit safety valve		AS-BLKS05F050C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL050PA007 AS-BLIL050PO025 AS-BLIL050SS030 AS-BLIL050SS060
5	Cartridge filter		AS-BLCF050PA007
6	Filter kit	Nipple Socket	AS-BLKC050PN AS-BLKC050PS
7	Silenziatore finale		AS-BLFS050ZP / AS-BLFS050ZPR
8	In-Line silencer		AS-BLIS050
9	Indoor filter		AS-BLIF050ZP100
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH050
12	Check valve		AS-BLCV050AL
13	Anti-vibration pins		AS-BLAV08



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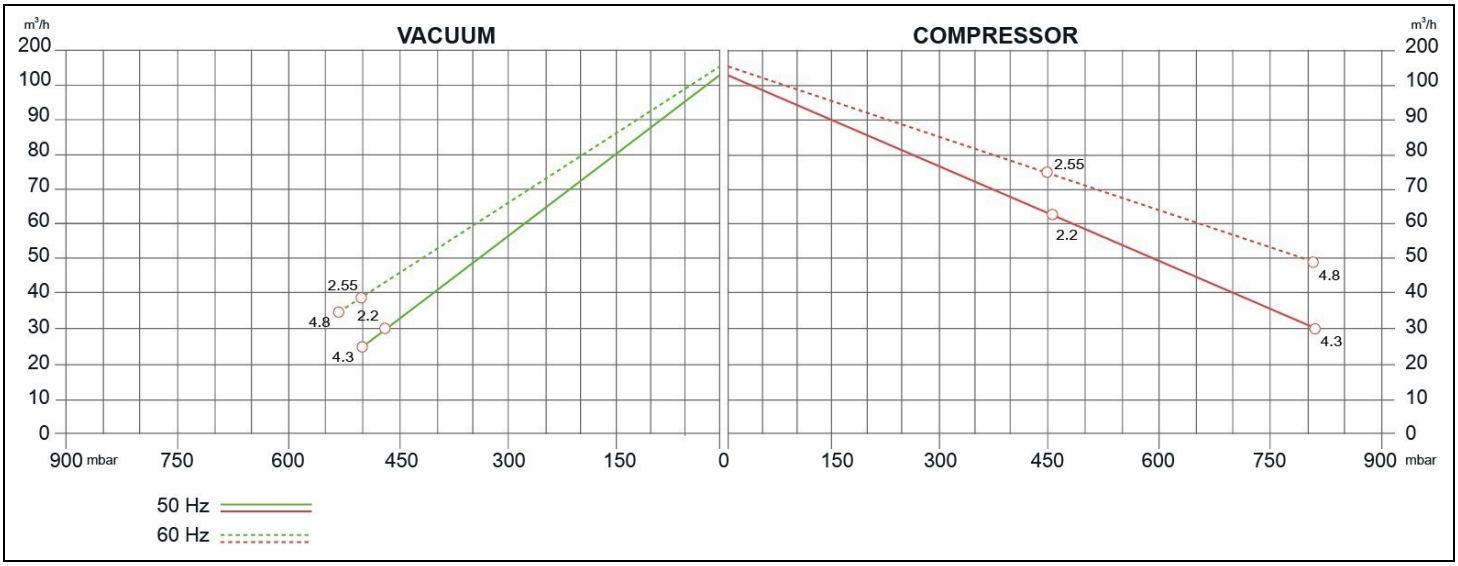
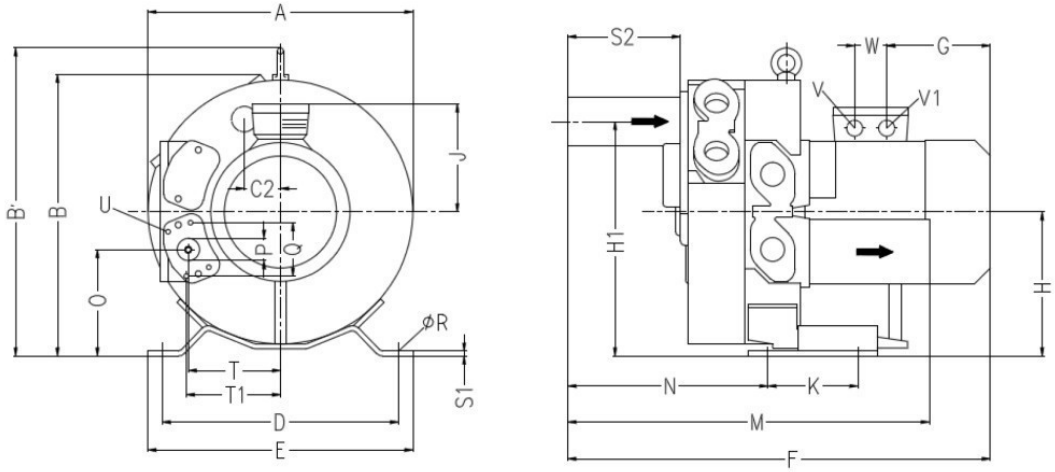
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

Series R-BL 524 002

La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL52400202200	50	2.2	200÷240	345÷415	11.4	6.6	120	-470	460	64	40
	60	2.55	220÷275	380÷480	11.2	6.5	145	-500	450	70	
R-BL52400204000	50	4.3	345÷415	-	9.5	-	120	-500	820	65	51
	60	4.8	380÷480	-	10	-	145	-530	810	71	





MODEL	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL52400202200	387	402	435	57	328	363	549	185	206	343	128	152	453	256	148	G 1¼	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	32
R-BL52400204000							603	211																			

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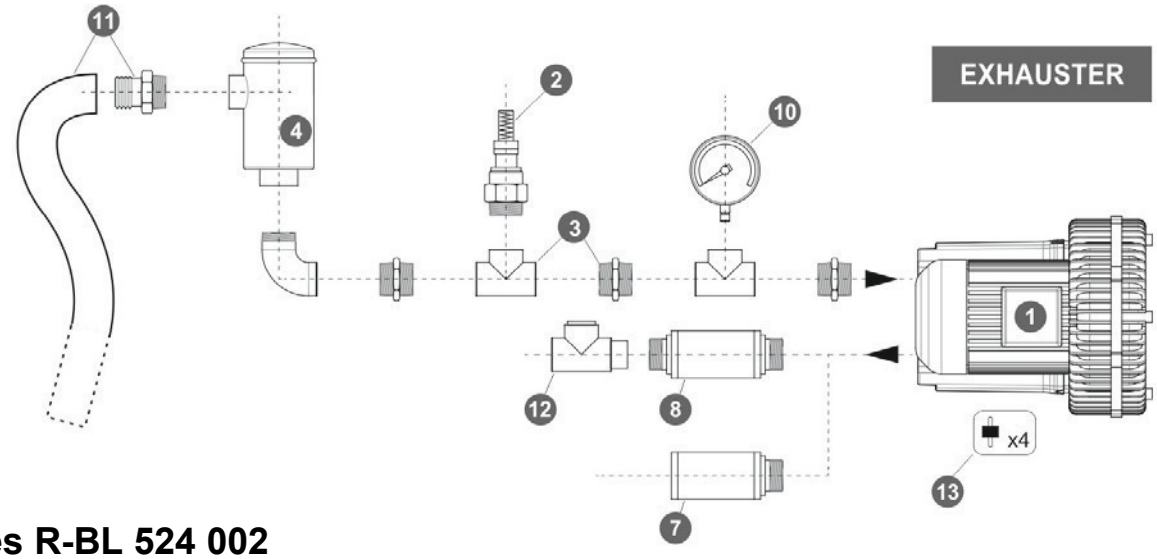
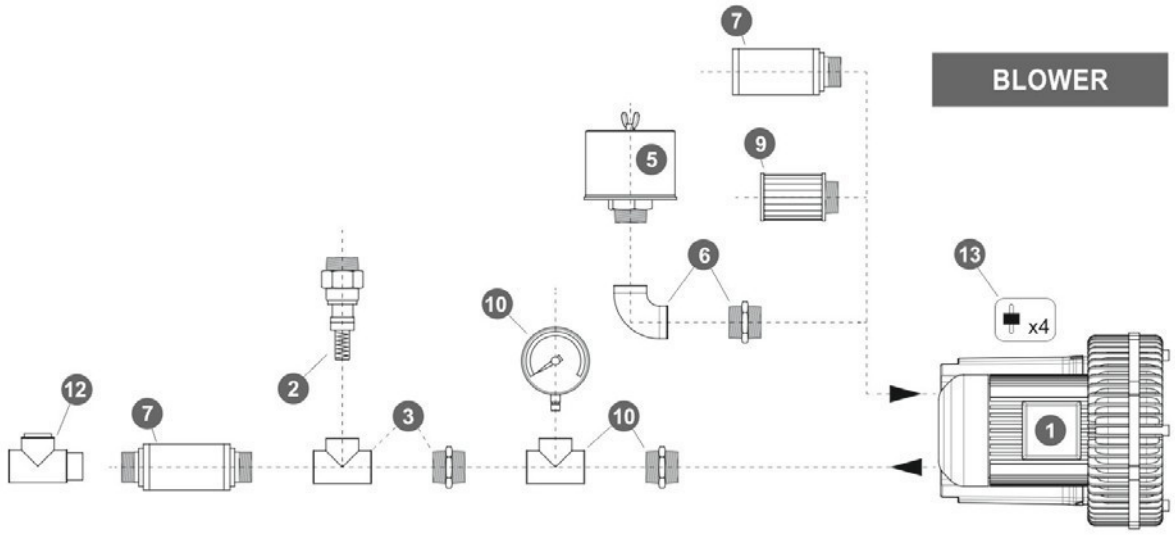
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase



Series R-BL 524 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 524 002_**
2	Safety Valve		AS-BLSV032AL36 -
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL032PA007 AS-BLIL032PO025 AS-BLIL032SS030 AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple Socket	AS-BLKC032PN AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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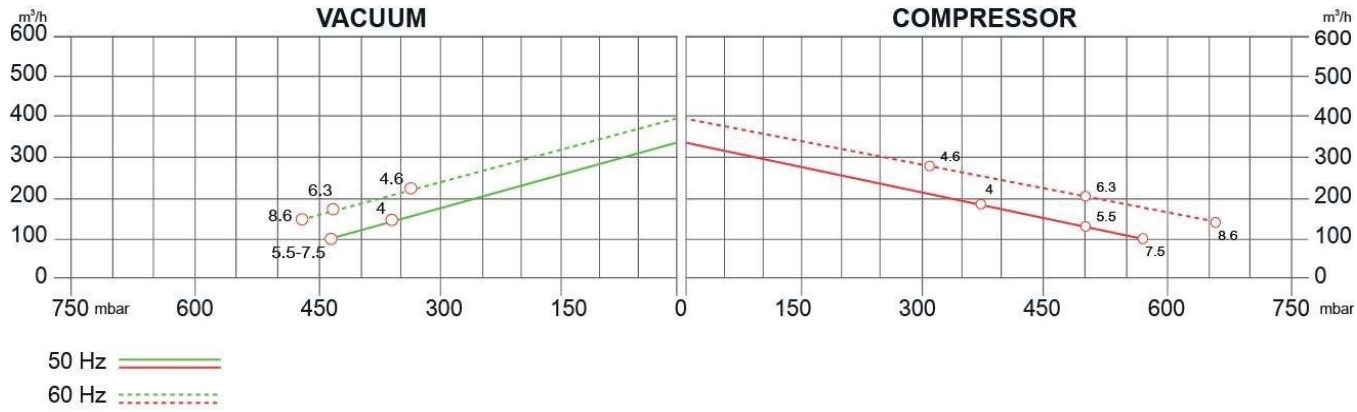
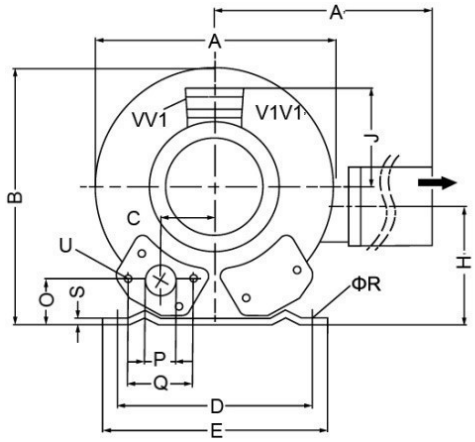
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

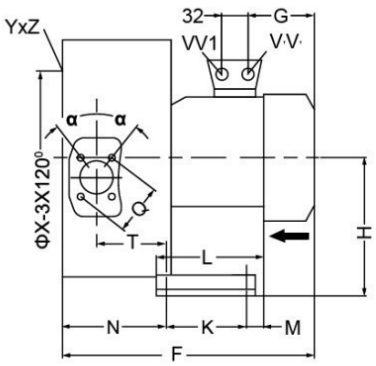
Series R-BL 620 002

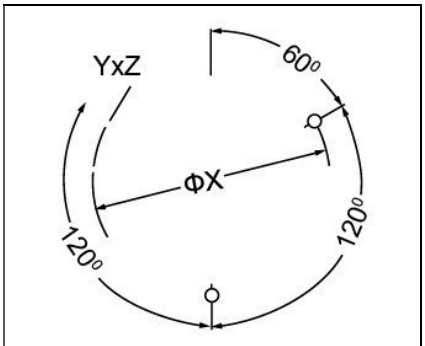
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e maneggevolezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m 3/h]	Rated VACUUM [m bar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
R-BL62000204000	50	4	345÷415	600÷720	9.0	5.2	320	-355	375	73	53
	60	4.6	380÷480	660÷720	9.4		385	-345	315	76	
R-BL62000205500	50	5.5	345÷415	600÷720	13.3	7.7	320	-440	500	73	70
	60	6.3	380÷480	660÷720			380			76	
R-BL62000207500	50	7.5	345÷415	600÷720	16.7	9.6	320	440	570	73	74
	60	8.6	380÷480	660÷720	17.3	10.0	380	460	660	76	
R-BL62000204003	50	4	200÷240	345÷415	15.5	9	320	-355	375	73	53
	60	4.6	220÷275	380÷480	16.2	9	385	-345	315	76	
R-BL62000205503	50	5.5	200÷240	345÷415	22.8	13.3	320	-440	500	73	66
	60	6.3	220÷275	380÷480	22.8	13.3	380	-440	500	76	









ØX	XYZ	X-holes
240	M10x20	51.5°/171.5°/291.5

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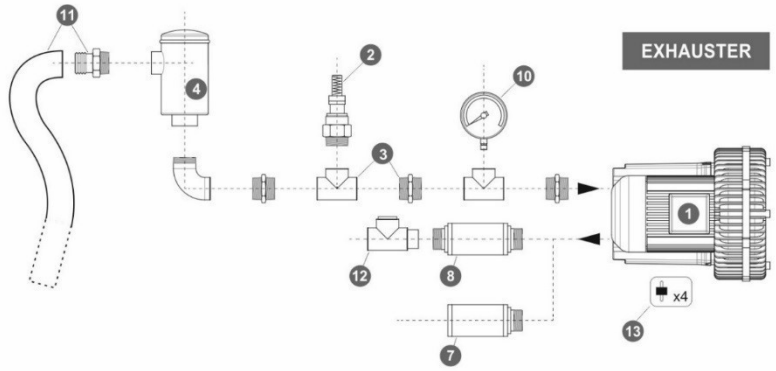
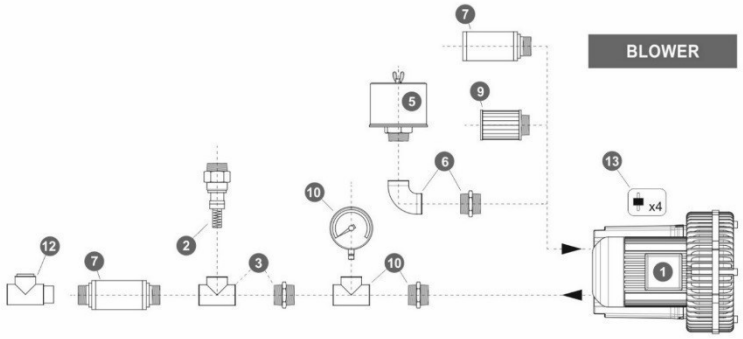
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

Series R-BL 620 002

MODEL	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V1	V1'	W
R-BL6200020400	426	426	410	63	290	325	526	209	197	162	148	140	180	84	205	53	G 2	83	15	4.5	130	M8X17	M32X1.5	M32X1.5	42
R-BL6200020550				154			571	226			167			200											
R-BL62000207500																									
R-BL6200020400				63			526	209						84											
R-BL6200020550																									



Ref. #	Description		Code
1	Side Channel Blower Double Impeller / Double Stage – 2" connection		AS-BL 620 002__
2	Safety Valve		AS-BLSV050AL36
3	Installation kit safety valve		AS-BLKS05F050C
4	In-Line filter	Paper	AS-BLIL050PA007
		Polyester	AS-BLIL050PO025
		Stainless Steel 30 µ	AS-BLIL050SS030
		Stainless Steel 60 µ	AS-BLIL050SS060
5	Cartridge filter		AS-BLCF050PA007
6	Filter kit	Nipple	AS-BLKC050PN
		Socket	AS-BLKC050PS
7	Final Silencer		AS-BLFS050ZP / AS-BLFS050ZPR
8	In-Line silencer		AS-BLIS050
9	Indoor filter		AS-BLIF050ZP100
10	Gauge	R-BLMN06306	AS-BLMN06306
		R-BLVG06306	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH050
12	Check valve		AS-BLCV050AL
13	Anti-vibration pins		AS-BLAV08



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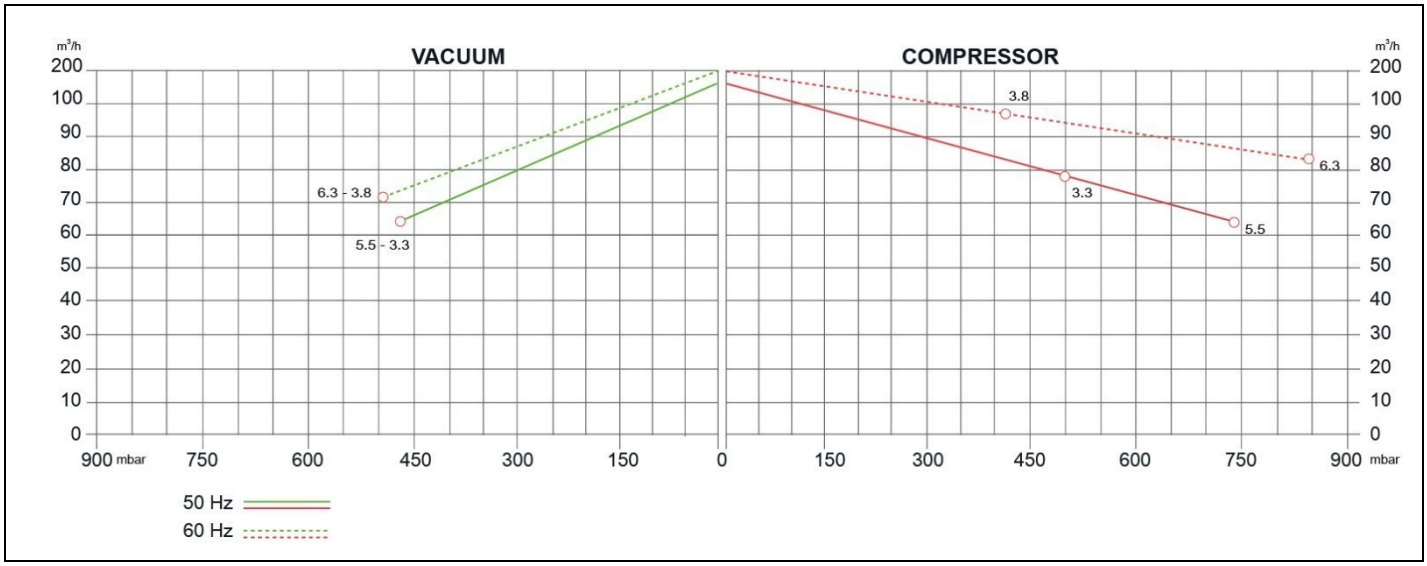
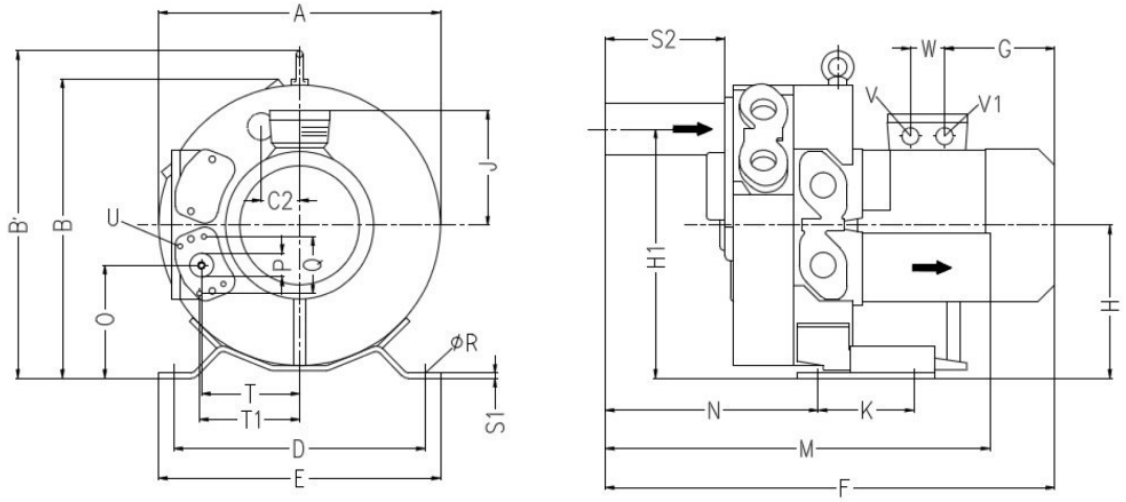
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase

Series R-BL 624 002

La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL62400203000	50	3.3	200÷240	345÷415	13	7.5	165	-460	500	67	48
	60	3.8	220÷275	380÷480	14.2	8.2	195	-480	420	71	
R-BL62400205500	50	5.5	345÷415	-	12	-	165	-460	740	68	65
	60	6.3	380÷480	-	11.5	-	195	-480	840	72	





MODEL	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
R-BL62400203000	442	457	495	63	372	406	578	211	236	389	128	152	458	259	173	G 1¼	64	14	5	140	31	153	155	M6x17	M25x1.5	M16x1.5	42
R-BL62400205500							643	248			148																

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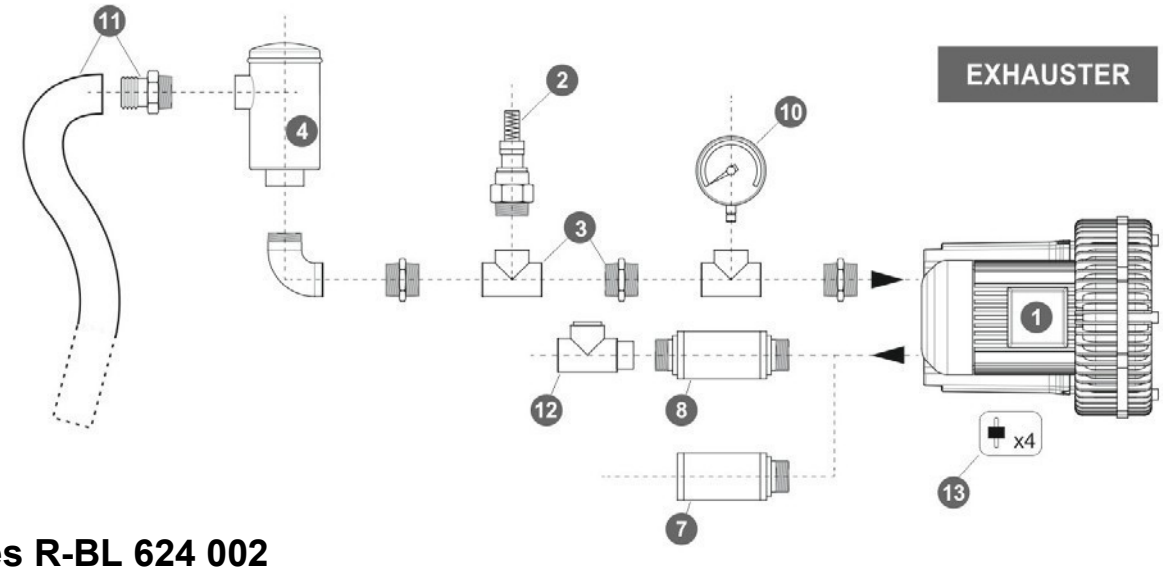
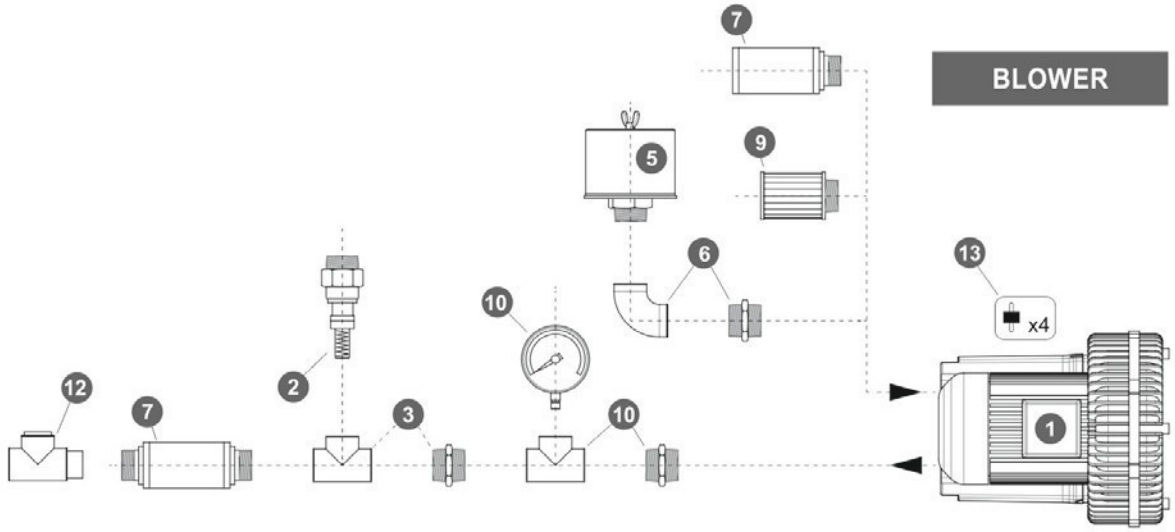
Soffianti a canali laterali – Doppio Stadio – Mono & Trifase



Series R-BL 624 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 1"¼ connection**		**AS-BL 624 002_**
2	Safety Valve		AS-BLSV032AL36 -
3	Installation kit safety valve		AS-BLKS032032C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL032PA007 AS-BLIL032PO025 AS-BLIL032SS030 AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple Socket	AS-BLKC032PN AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV06



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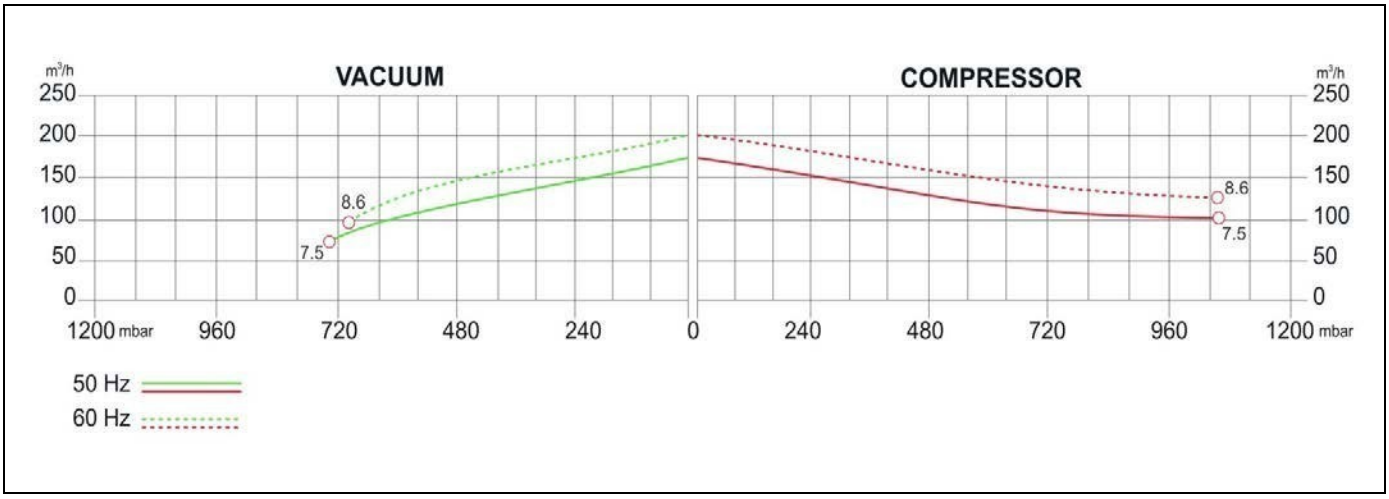
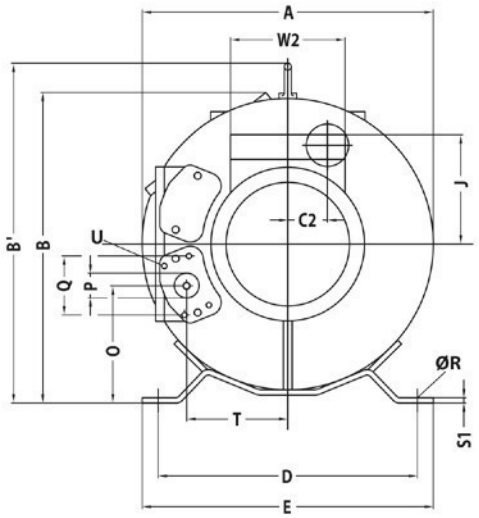
Soffianti a canali laterali – Triplo Stadio – Trifase

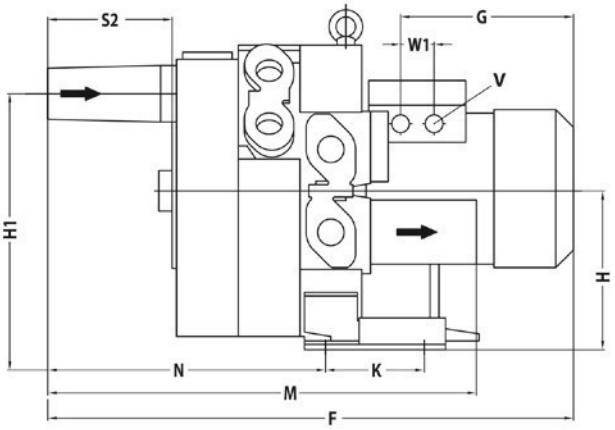
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Series R-BL 643 003

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dBA]	Weight [kg]
			△	Y	△	Y					
R-BL64300307500	50	7.5	345÷415	600÷720	16.7	9.6	170	-730	1050	72	85
	60	8.6	380÷480	660÷720	17.3	10.0	200	-700	1050	76	







MODEL	A	B	B'	C2	D	E	F	G	H	H1	J	M	N	O	P	Q	R	S1	S2	T	U	V	W1	W2
R-BL64300307500	442	457	495	63	371	406	710	267	236	389	167	538	339	172	G1"1/4	64	14	5	146	153	M6x17	M32x1.5	42	140

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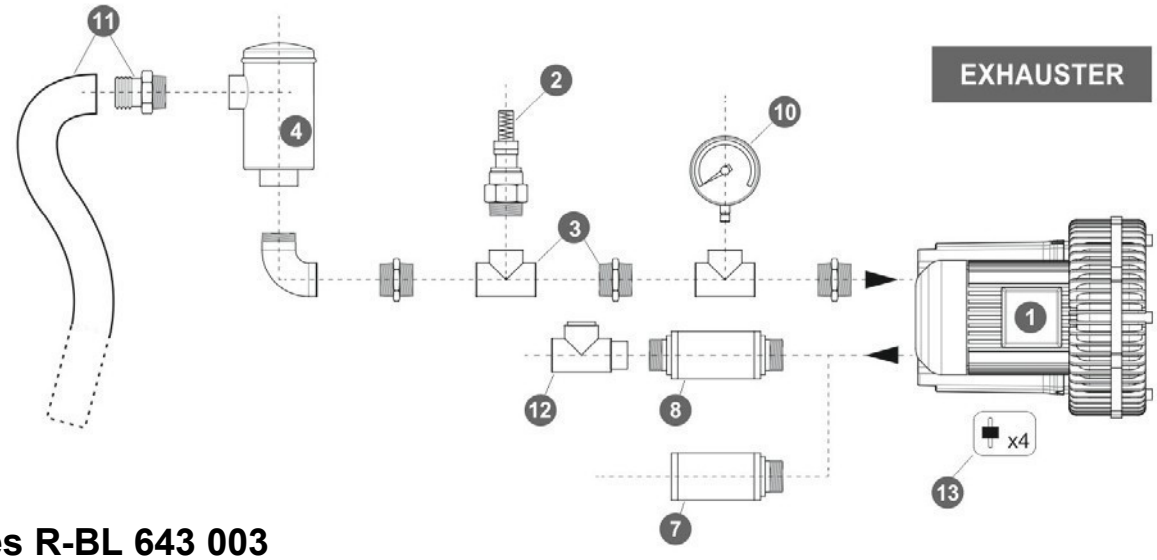
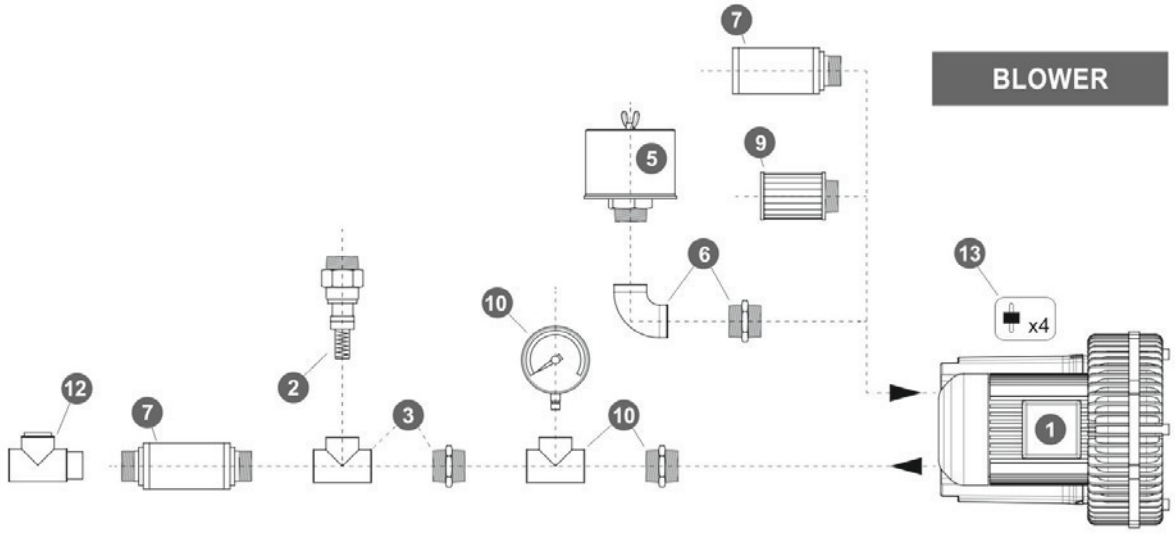
Soffianti a canali laterali – Triplo Stadio – Trifase



Series R-BL 643 003

Ref. #	Description		Code
1	**Side Channel Blower – Triple Impeller / Triple Stage – 1"¼ connection**		**AS-BL 643 003_**
2	Safety Valve		-
3	Installation kit safety valve		-
4	In-Line filter	Paper	AS-BLIL032PA007
		Polyester	AS-BLIL032PO025
		Stainless Steel 30 µ	AS-BLIL032SS030
		Stainless Steel 60 µ	AS-BLIL032SS060
5	Cartridge filter		AS-BLCF032PA007
6	Filter kit	Nipple	AS-BLKC032PN
		Socket	AS-BLKC032PS
7	Silenziatore finale		AS-BLFS032ZP / AS-BLFS032ZPR
8	In-Line silencer		AS-BLIS032
9	Indoor filter		AS-BLIF032ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH032
12	Check valve		AS-BLCV032AL
13	Anti-vibration pins		AS-BLAV10



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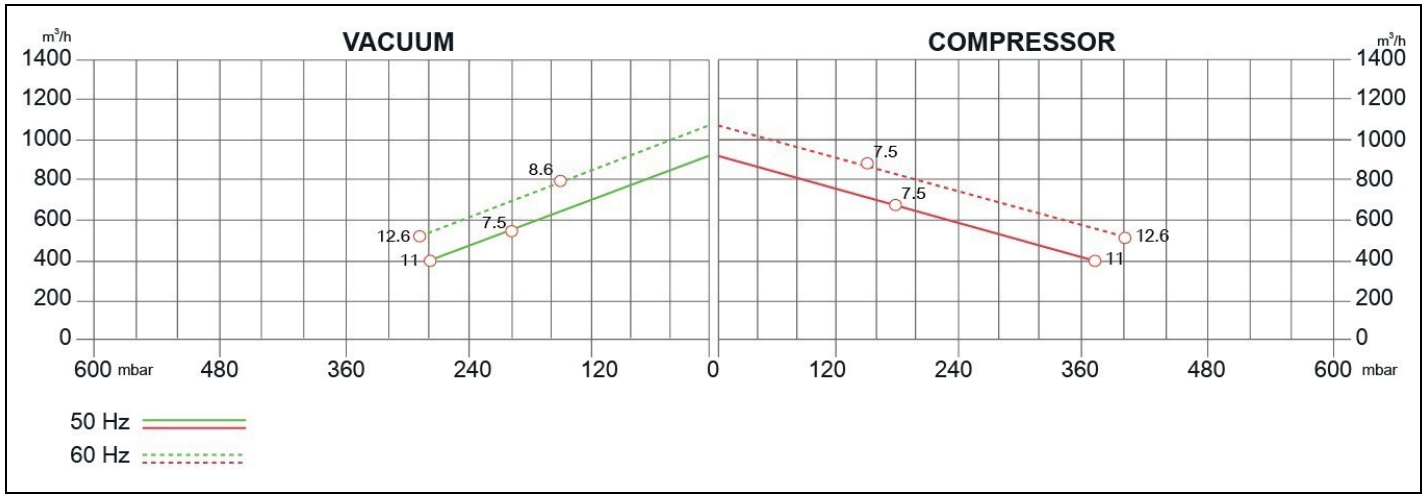
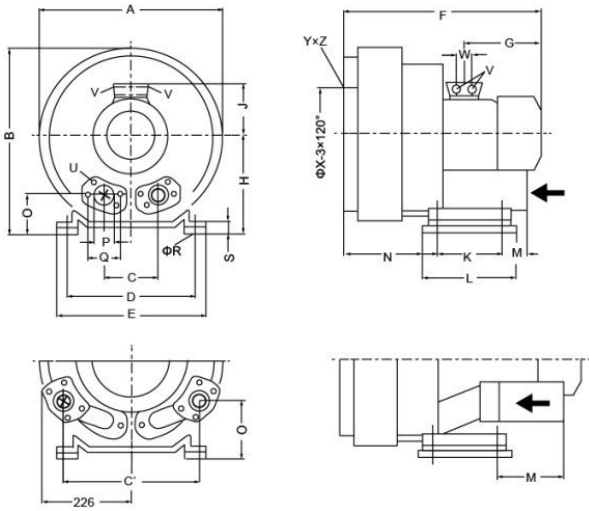
Soffianti a canali laterali – Doppio Stadio – Trifase

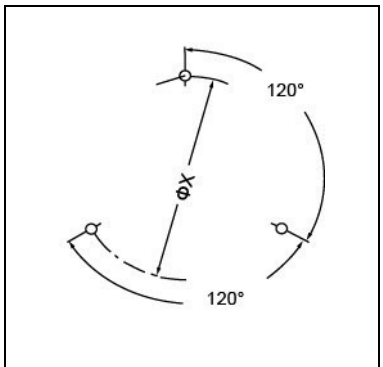
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Series R-BL 820 020

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					
R-BL82000207500	50	7.5	345÷415	600÷720	16.7	9.6	900	-200	180	74	91
	60	8.6	380÷480	660÷720	17.3	10.0	1050	-150	120	78	
R-BL82000211000	50	11	345÷415	600÷720	28.0	16.2	900	-280	370	74	110
	60	12.6	380÷480	660÷720	29.0	16.7	1050	-310	350	78	







φX	XYZ	X-Holes
286	M12X20	0°/120°/240°

MODEL	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	φP	φR	S	V	W
R-BL82000207500	500	550	152		356	394	589	247	300	167	170	217		236	125	G2½	15	66	4XM32X1.5	42
R-BL82000211000	500	550		336	356	394	694	318	300	197	170	217	312	212	165	G2½	15	66	4XM32X1.5	42

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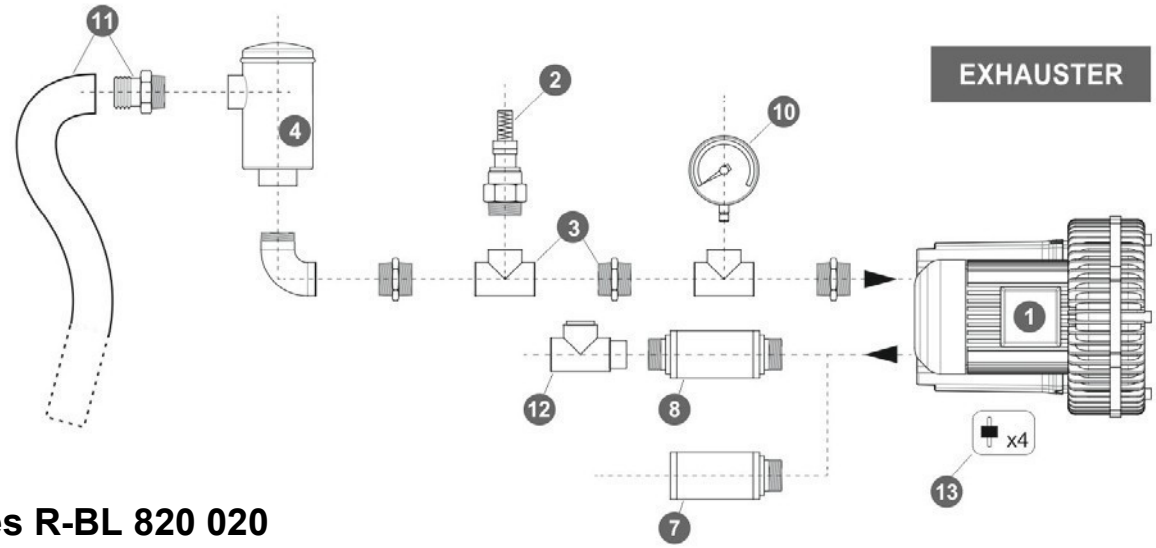
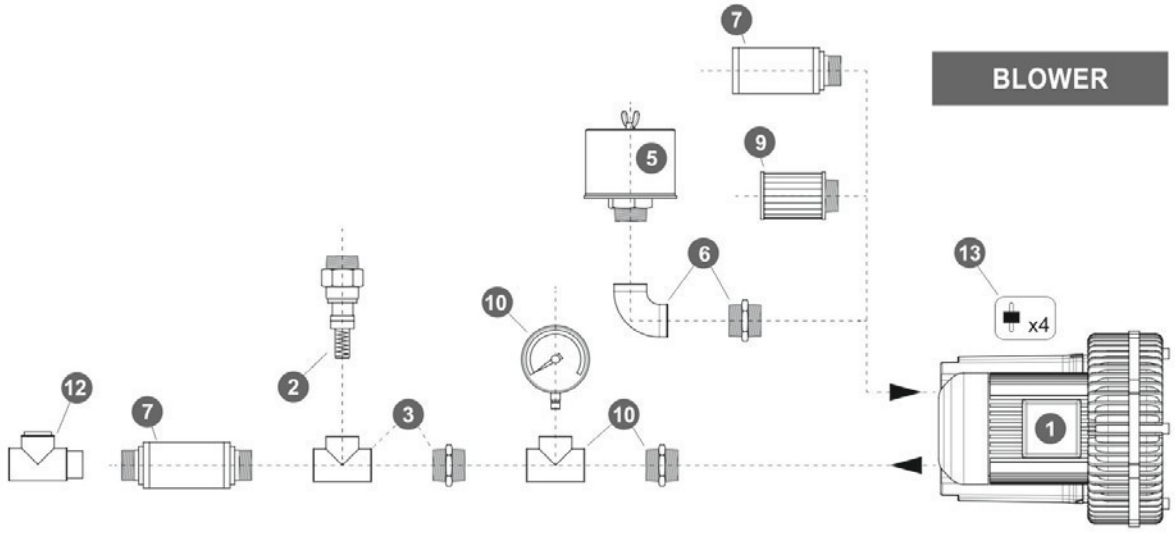


Series R-BL 820 020

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Single Stage – 2"½ connection**		**AS-BL 820 020__**
2	Safety Valve		AS-BLSV050AL03 AS-BLSV050AL36
3	Installation kit safety valve		AS-BLKS05F065C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL065PA007 AS-BLIL065PO025 - -
5	Cartridge filter		AS-BLCF065PA007
6	Filter kit	Nipple Socket	AS-BLKC065PN AS-BLKC065PS
7	Silenziatore finale		AS-BLFS065ZP / AS-BLFS065ZPR
8	In-Line silencer		AS-BLIS065
9	Indoor filter		AS-BLIF065ZP100
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH065
12	Check valve		AS-BLCV065AL
13	Anti-vibration pins		AS-BLAV12



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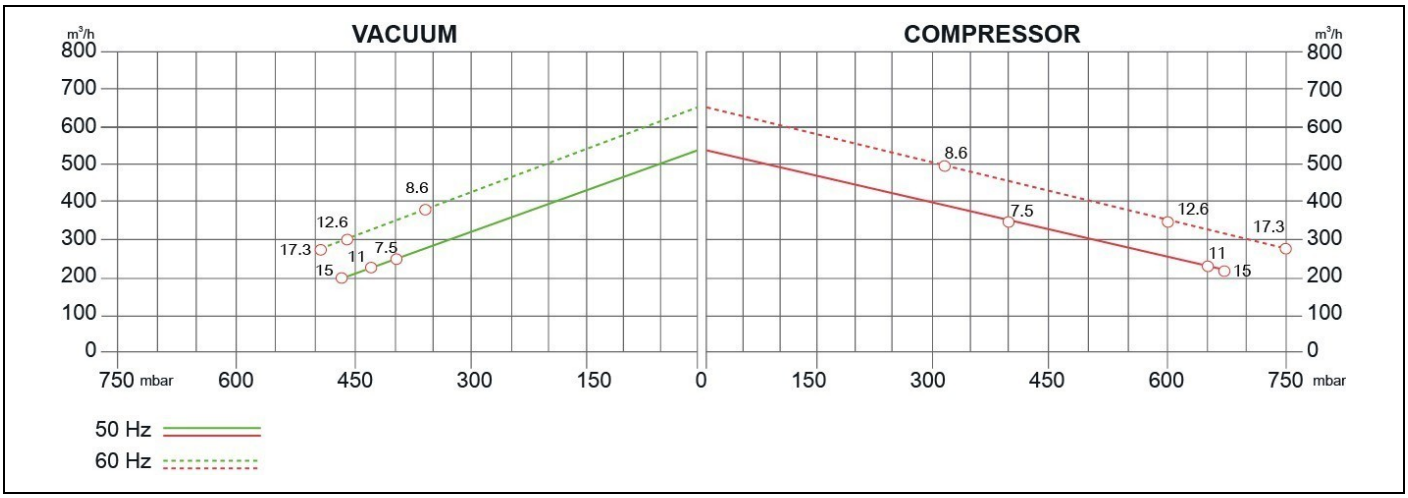
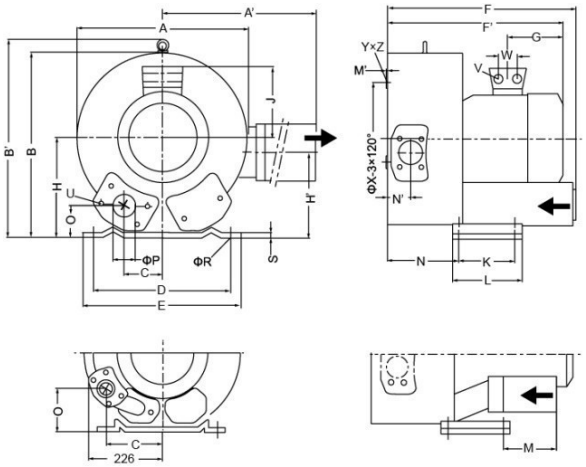
Soffianti a canali laterali – Doppio Stadio – Trifase

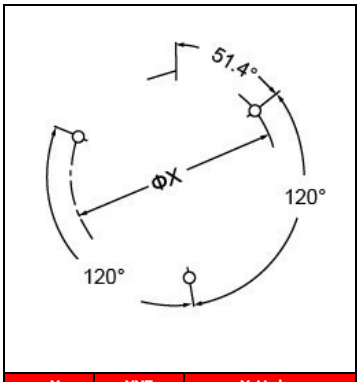
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Series R-BL 920 002

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			Δ	Y	Δ	Y					
R-BL92000207500	50	7.5	345÷415	600÷720	16.7	9.6	520	-400	400	74	88
	60	8.6	380÷480	660÷720	17.3	10.0	620	-360	330	78	
R-BL92000211000	50	11	345÷415	600÷720	28.0	16.2	520	-430	660	74	104
	60	12.6	380÷480	660÷720	29.0	16.7	620	-460	600	78	
R-BL92000215000	50	15	345÷415	600÷720	32.5	18.8	520	-460	670	74	120
	60	17.3	380÷480	660÷720	34.5	19.9	620	-490	750	78	







φX	XYZ	X-Holes
286	M12X20	51.4°/120°/240°

MODEL	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W
R-BL92000207500	500	549	490	509	76	356	394	545	589	226	240	199	167	170	217		236	84	65	G2½	15	6	4XM32X1.5	42
R-BL92000211000	500	549	490	509	76	356	394	694	717	318	240	199	197	170	217		212	84	105	G2½	15	6	4XM40X1.5	42
R-BL92000215000	500	549	490	509	76	356	394	694	717	318	240	199	197	170	217		212	84	105	G2½	15	6	4XM40X1.5	42

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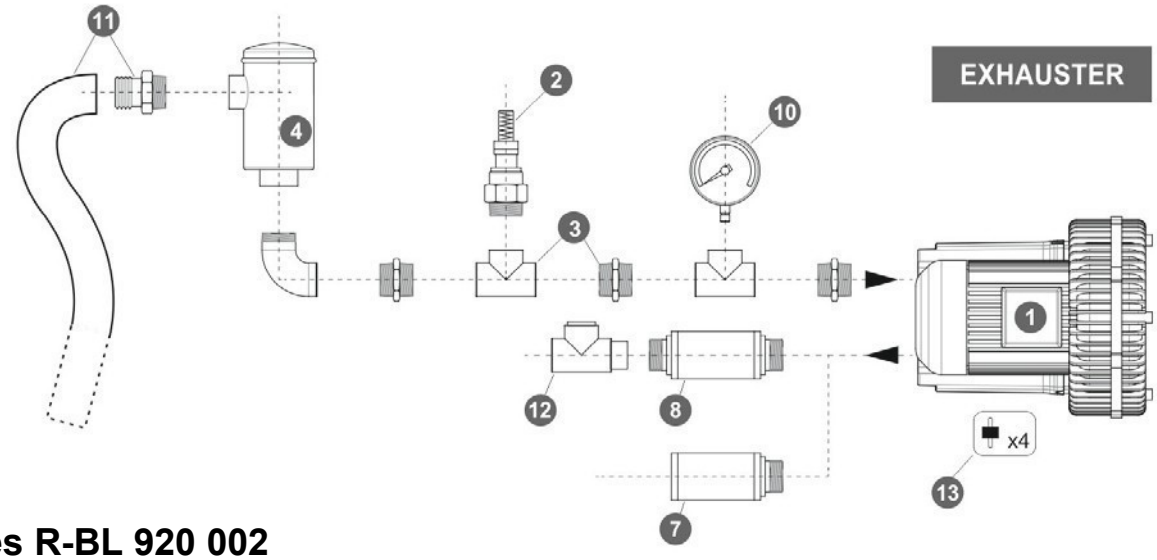
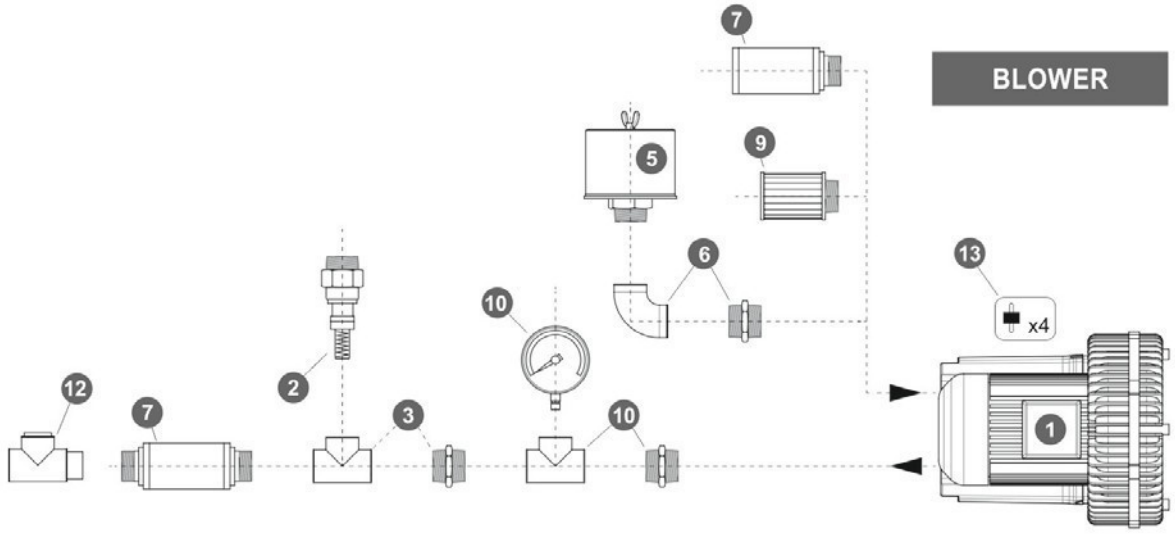
Soffianti a canali laterali – Doppio Stadio – Trifase



Series R-BL 920 002

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Double Stage – 2"½ connection**		**AS-BL 920 002_**
2	Safety Valve		AS-BLSV050AL36
3	Installation kit safety valve		AS-BLKS05F065C
4	In-Line filter	Paper	AS-BLIL065PA007
		Polyester	AS-BLIL065PO025
		Stainless Steel 30 µ	-
		Stainless Steel 60 µ	-
5	Cartridge filter		AS-BLCF065PA007
6	Filter kit	Nipple	AS-BLKC065PN
		Socket	AS-BLKC065PS
7	Silenziatore finale		AS-BLFS065ZP / AS-BLFS065ZPR
8	In-Line silencer		R-BLIS065
9	Indoor filter		AS-BLIF065ZP100
10	Gauge	Pressure	AS-BLMN06306
		Vacuum	AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH065
12	Check valve		AS-BLCV065AL
13	Anti-vibration pins		AS-BLAV12



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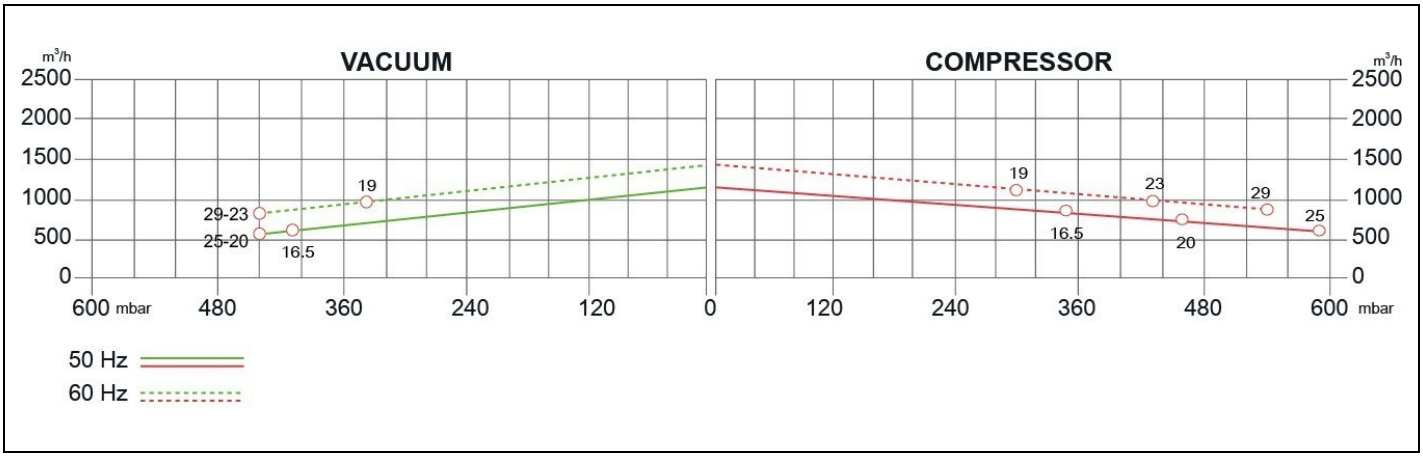
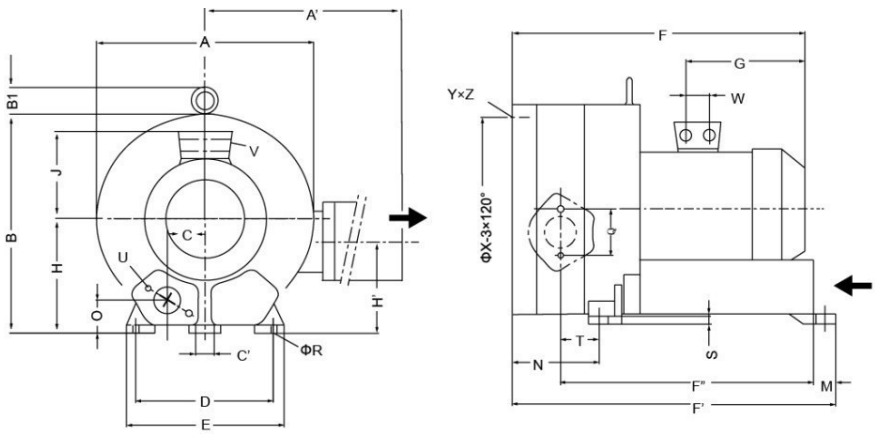
Soffianti a canali laterali – Doppio Stadio – Trifase

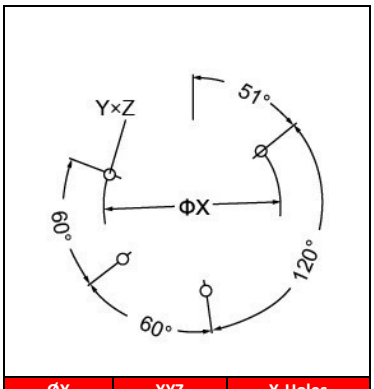
La costruzione delle soffianti ad anello si basa sul principio dei condotti laterali. Le soffianti possono funzionare sia in pressione che in compressione e sono costruite per lavorare in servizio continuo. Il dispositivo di rotazione è posizionato direttamente sull'albero motore; tutte le parti in rotazione sono bilanciate dinamicamente per garantire l'assoluta assenza di vibrazioni. Ogni soffiante è costruita in alluminio pressofuso per garantire la massima robustezza e manegge-volezza. I dati e le caratteristiche fornite sono riferite ad una gestione dei flussi con temperatura di ingresso di 15°C, densità normale di 1.3 Kg/m3 e pressione assoluta di 1023 mbar. Con una tolleranza di ±10%.

Series R-BL 920 020

Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL92002016500	50	16.5	345÷415	600÷720	35.0	20.0	1100	-410	370	74	197
	60	19	380÷480	660÷720	36.5	21.0	1310	-340	300	78	
R-BL92002020000	50	20	345÷415	600÷720	40.0	23.0	1100	-440	500	74	204
	60	23	380÷480	660÷720	42.0	24.2	1310		430	78	
R-BL92002025000	50	25	345÷415	600÷720	52.0	30.0	1100		590	74	211
	60	29	380÷480	660÷720	52.0	30.0	1310		540	78	







ØX	XYZ	X-Holes
490	M12X30	51.4°/120°/240°

MODEL	A	A'	B	B1	C	C'	D	E	F	F'	F''	G	H	H'	J	K	M	N	O	ØP	Q	ØR	S	T	U	V	W
R-BL92002016500	615	780	607	16	104	15	360	415	752	786	634	345	300	234	197	533	39	230	92	100	150	15	21	117	M12x30	4xM40x1.5	51
R-BL92002020000	615	780	607	16	104	15	360	415	752	786	634	345	300	234	197	533	39	230	92	100	150	15	21	117	M12x30	4xM40x1.5	51
R-BL92002025000	615	780	607	16	104	15	360	415	812	786	634	405	300	234	197	533	39	230	92	100	150	15	21	117	M12x30	4xM40x1.5	51

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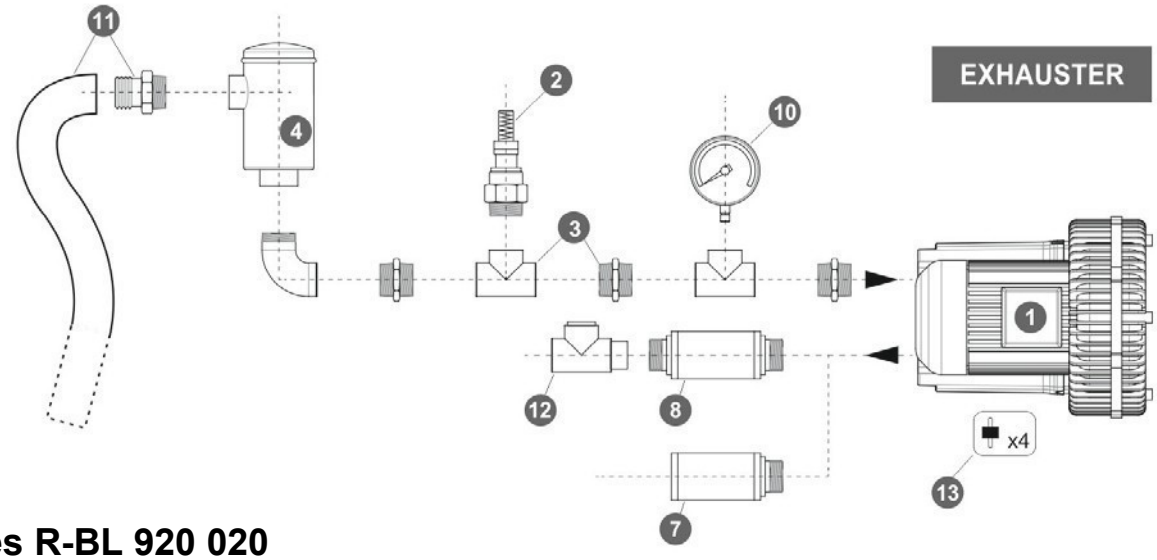
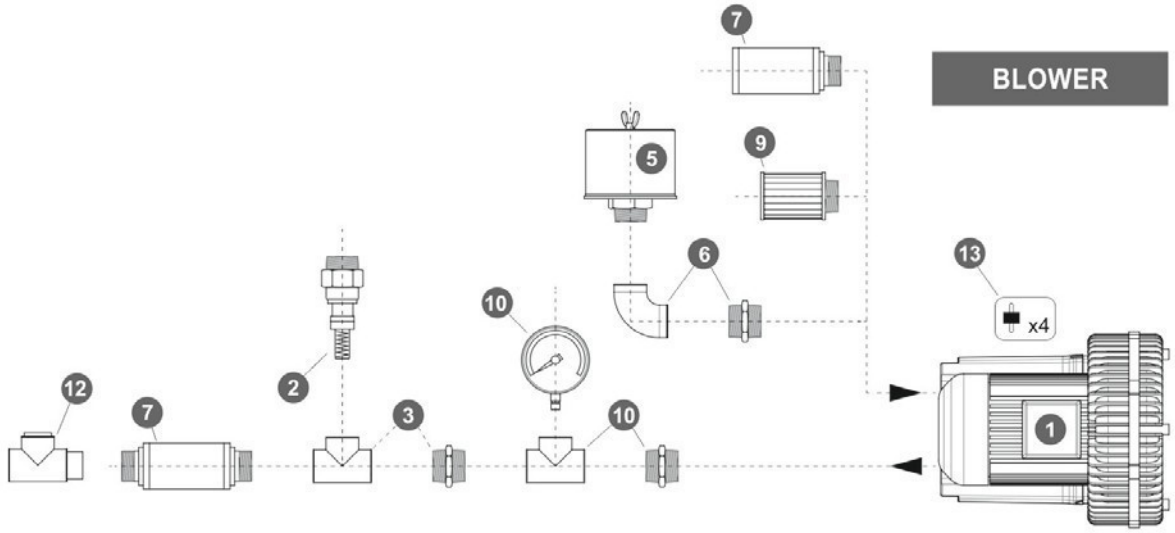
Soffianti a canali laterali – Doppio Stadio – Trifase



Series R-BL 920 020

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Single Stage – 4" connection**		**AS-BL 920 020__**
2	Safety Valve		AS-BLSV100AL24 AS-BLSV100AL46
3	Installation kit safety valve		AS-BLKS100100C AS-BLKS10F100C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL100PA007 AS-BLIL100PO025 - -
5	Cartridge filter		AS-BLCF100PA007
6	Filter kit	Nipple Socket	AS-BLKC100PN AS-BLKC100PS
7	Silenziatore finale		AS-BLFS100ZP / AS-BLFS100ZPR
8	In-Line silencer		AS-BLIS100
9	Indoor filter		-
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH100
12	Check valve		AS-BLCV100AL
13	Anti-vibration pins		AS-BLAV12



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Soffianti a canali laterali – Doppio Stadio – Trifase

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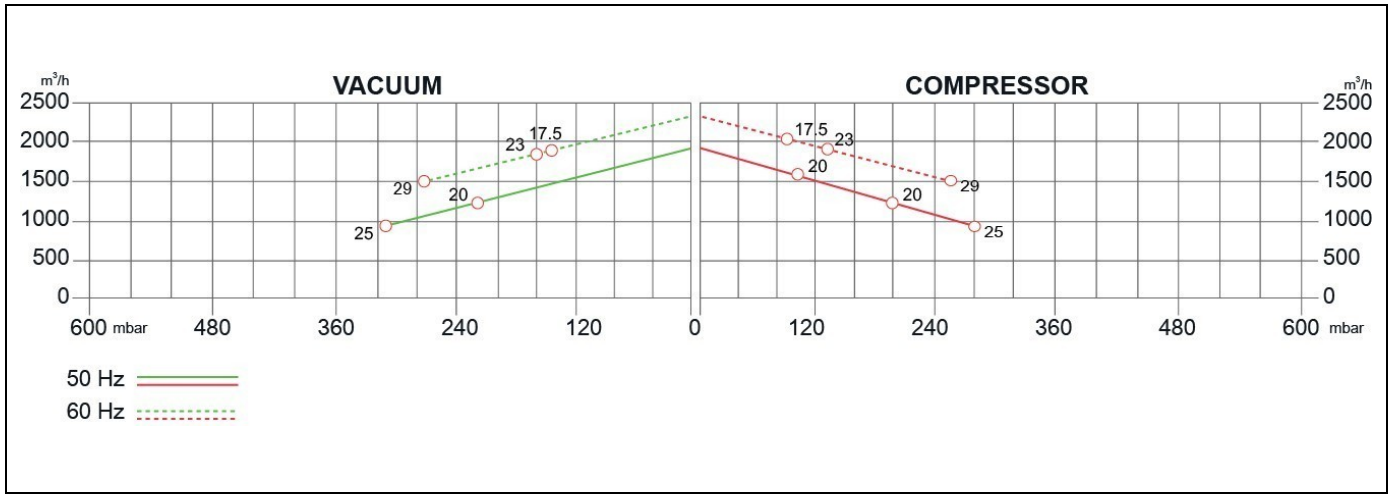
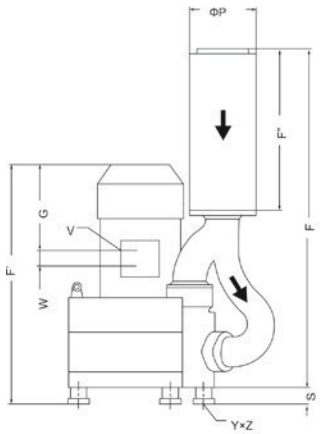
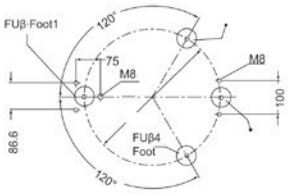
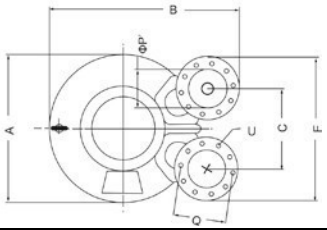
Series R-BL 942 020

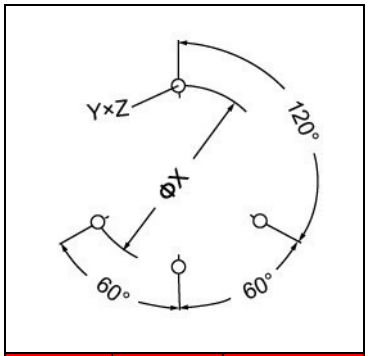
Model	Freq. [Hz]	Power [kW]	Voltage [V]		Rated Current [A]		Max Airflow [m³/h]	Rated VACUUM [mbar]	Rated COMPRESSOR [mbar]	Noise [dB A]	Weight [kg]
			△	Y	△	Y					
R-BL94202015000	50	15	345÷415	600÷720	35.0	20.0	1940	-130	110	75	187
	60	17.5	380÷480	660÷720	36.5	21.0	2310	-150	150	84	
R-BL94202020000	50	20	345÷415	600÷720	40.0	23.0	1940	-220	200	75	212
	60	23	380÷480	660÷720	42.0	24.2	2310	-160	130	84	
R-BL94202025000	50	25	345÷415	600÷720	52.0	30.0	1940	-310	280	75	219
	60	29	380÷480	660÷720	52.0	30.0	2310	-270	220	84	











φX	XYZ	X-Holes
490	M12X30	120°/60°/60°

MODEL	A	B	B1	C	C'	D	E	F	F'	G	H	J	K	M	N	O	φP	Q	φR	S	T	U	V	W
R-BL942020150	615	663	19	207	15	360	415	752	786	345	358	197	533	39	230	150	100	140	15	79	117	M12X35	4XM40X1.5	54
R-BL942020200	615	663	19	207	15	360	415	752	786	345	358	197	533	39	230	150	100	140	15	79	117	M12X35	4XM40X1.5	54
R-BL942020250	615	663	19	207	15	360	415	812	786	345	358	197	533	39	230	150	100	140	15	79	117	M12X35	4XM40X1.5	54

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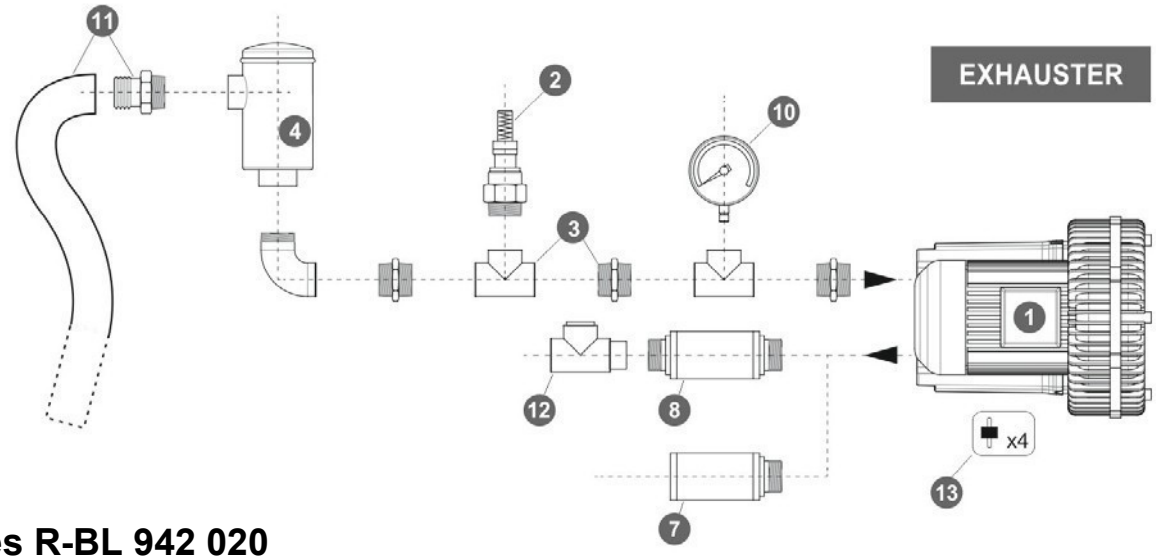
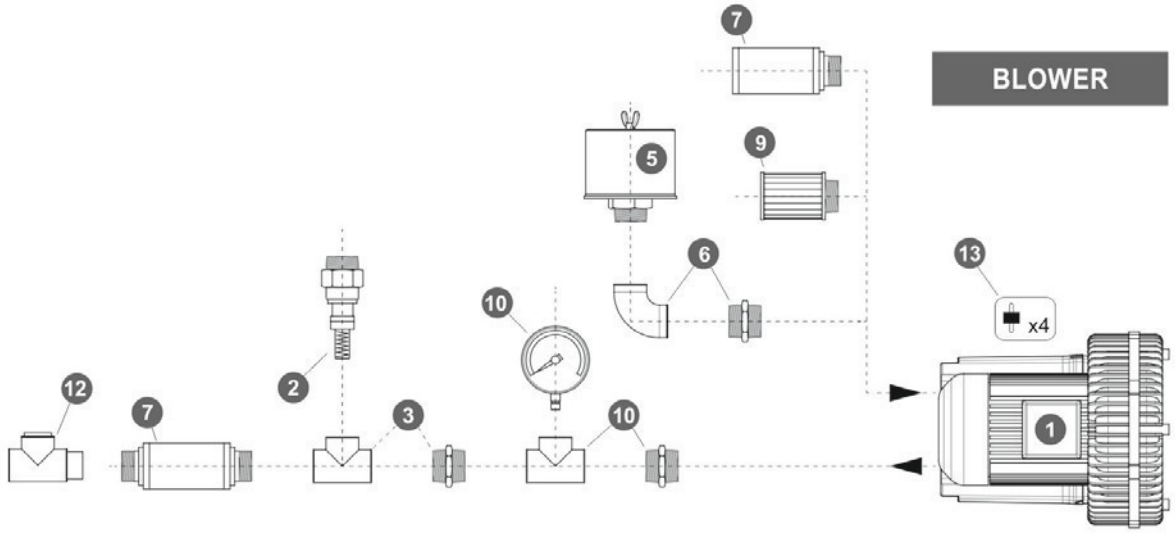
Soffianti a canali laterali – Doppio Stadio – Trifase



Series R-BL 942 020

Ref. #	Description		Code
1	**Side Channel Blower – Double Impeller / Single Stage – 4" connection**		**AS-BL 942 020__**
2	Safety Valve		AS-BLSV100AL02 AS-BLSV100AL24
3	Installation kit safety valve		AS-BLKS100100C AS-BLKS10F100C
4	In-Line filter	Paper Polyester Stainless Steel 30 µ Stainless Steel 60 µ	AS-BLIL100PA007 AS-BLIL100PO025 - -
5	Cartridge filter		AS-BLCF100PA007
6	Filter kit	Nipple Socket	AS-BLKC100PN AS-BLKC100PS
7	Silenziatore finale		AS-BLFS100ZP / AS-BLFS100ZPR
8	In-Line silencer		AS-BLIS100
9	Indoor filter		-
10	Gauge	Pressure Vacuum	AS-BLMN06306 AS-BLVG06306
11	Sleeve + Hose clip kit		AS-BLSH100
12	Check valve		AS-BLCV100AL
13	Anti-vibration pins		AS-BLAV12



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BLOWERS ACCESSORIES

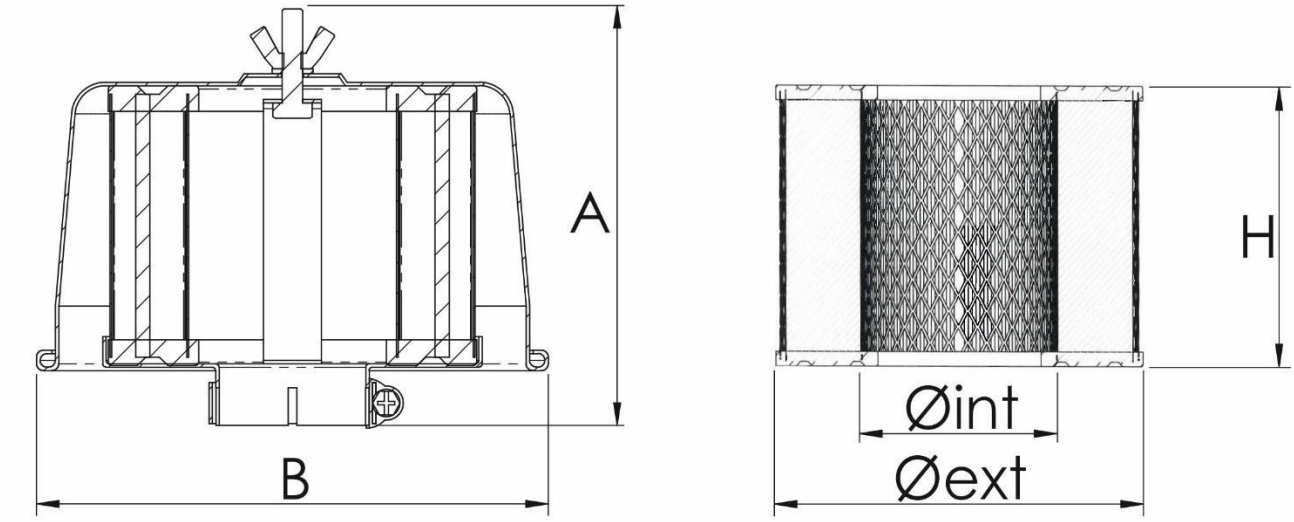
AS-BLCF – Cartridge Filter - *compression*

Filters from 1”1/4 to 5” and, upon request, we design filters with flows up to 4.000 m³/h.
The cartridges fitted inside the complete filters can give different types of filtration:

- Paper - ***standard version*** - [**PA**] 5-7 µm *
- Polyester [**PO**] 25 µm *
- Stainless steel [**SS**] 30 µm *
- Stainless steel [**SS**] 60 µm *

Lending our products high level of dust collection.
Each filter is tested at 100% safety standards before and after painting.

This series of filters is widely used in motors for: Machine Tools, Earth Movers, Compressors and Combustion Engines. They are available with Jubilee clip, filters with special connections can be supplied upon request. The filter element made of high quality treated paper, and a filtration degree of 5 - 7 µm, assures maximum protection.
Other available filter elements: polyester or stainless steel.



Filter with PVC spool pipe included

FILTER CODE *	Capacity [m³/h]	A	B	PVC spool pipe		CARTRIDGE CODE – BLSPCF_____			Ø int. [mm]	Ø ext. [mm]	H [mm]
				size	length	Paper - PA	Polyester - PO	INOX – SS			
AS-BLCF032PA007	120	122	150	1”1/4 G	250 mm	_032PA007	_032PO025	_032SS030 / 060	55	108	82
AS-BLCF040PA007	200	163	203	1”1/2 G	250 mm	_040PA007	_040PO025	_040SS030 / 060	80	147	135
AS-BLCF050PA007	280	169	220	2” G	250 mm	_050PA007	_050PO025	_050SS030 / 060	80	175	135
AS-BLCF065PA007	520	210	290	2”1/2 G	250 mm	_065PA007	_065PO025	_065SS030 / 060	100	225	155
AS-BLCF080PA007	-	366	308	3” G	150 mm	_080PA007	_080PO025	_080SS030 / 060	-	-	-
AS-BLCF100PA007	1500	410	366	4” G	-	_100PA007	_100PO025	_100SS030 / 060	215	300	303
AS-BLCF125PA007	-	-	-	5” G	-	_125PA007	_125PO025	_125SS030 / 060	-	-	-

*** AS-BLCF__PA007 is standard version. Also available (on request): BLCF__PO025, BLCF__SS030 and BLCF__SS060.**

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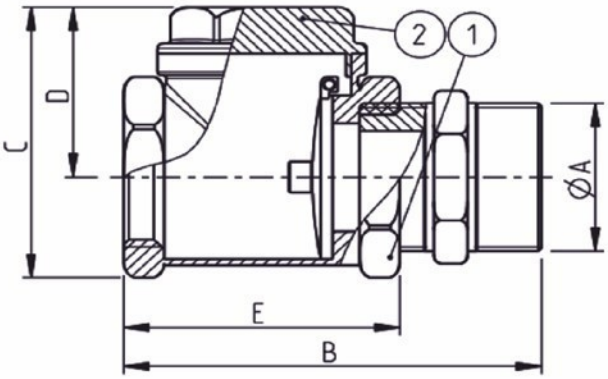
BLOWERS ACCESSORIES

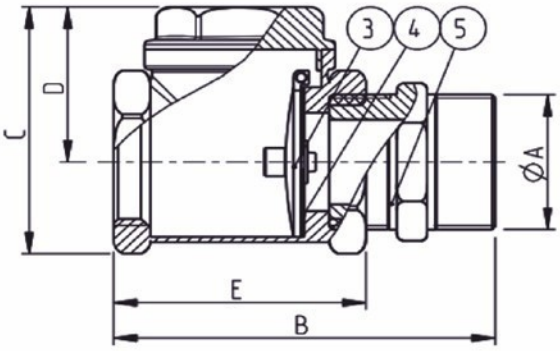
AS-BLCV– Check Valve – Clapet type

A check valve is a valve that normally allows fluid (liquid or gas) to flow through it in only one direction.

This valve is formed by a disc element secured by a guide and is pushed by a spring against the base of the valve, this condition occurs when there is not enough pressure to open the valve or there is a negative pressure and the valve remains closed, while with sufficient positive pressure the valve opens and the fluid is free to pass to the sides of the disc and pass it over.



Pos. #	Description
1	Valve body
2	Plug
3	Disk
4	Seal
5	Nipple (optional)



Code	A	B	C	D	E	Weight [kg]
AS-BLCV032BR	1”1/4	115	76	46	72	0.85
AS-LCV040BR	1”1/2	130	86	53	81	1.15
AS-BLCV050BR	2”	151	99	59	94	1.7
AS-BLCV065BR	2”1/2	180	108	61	116	2.5
AS-BLCV100BR	4”	238	163	96	164	6

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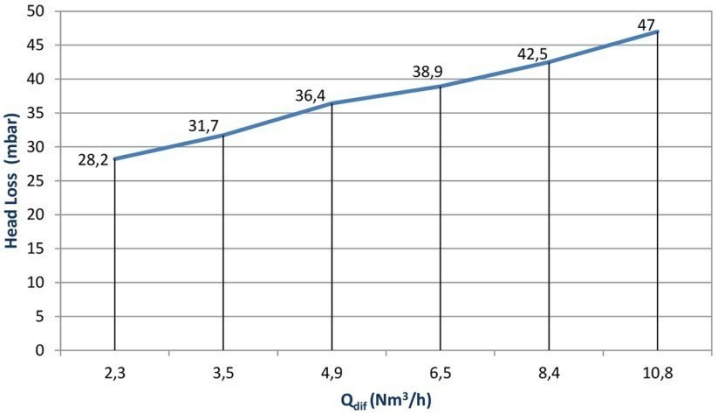
BLOWERS ACCESSORIES
AS-BLDD– Disc Diffuser

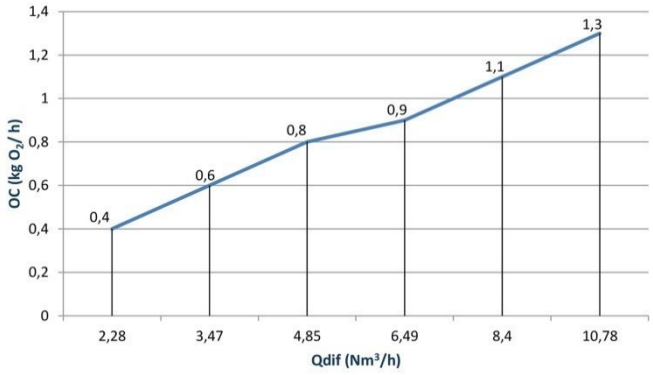
Support Plate: Polypropylene (70%) – Glass Fiber (30%)
Ring Part: Polypropylene (70%) – Glass Fiber (30%)
Membrane: EPDM or Silicone

9'' DISC DIFFUSER

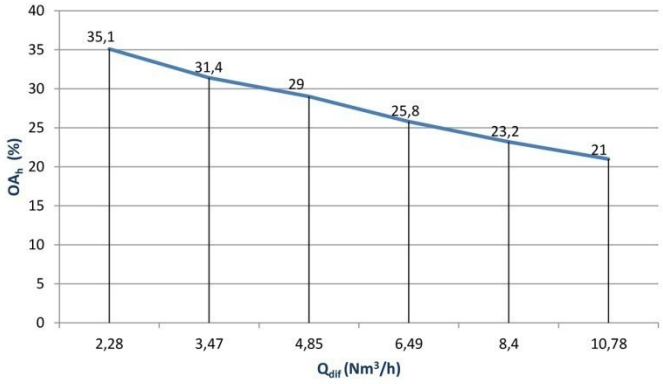
HEAD LOSS



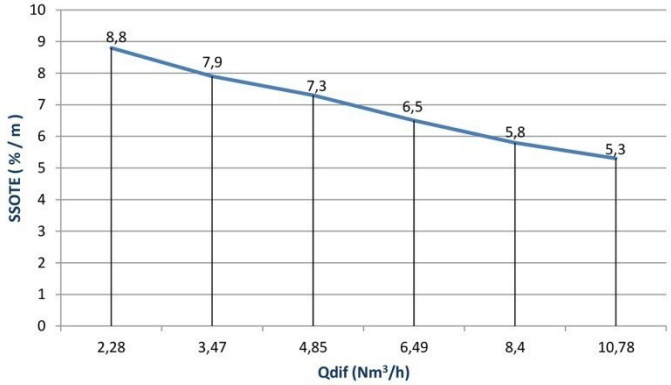
OXYGENATION EFFICIENCY



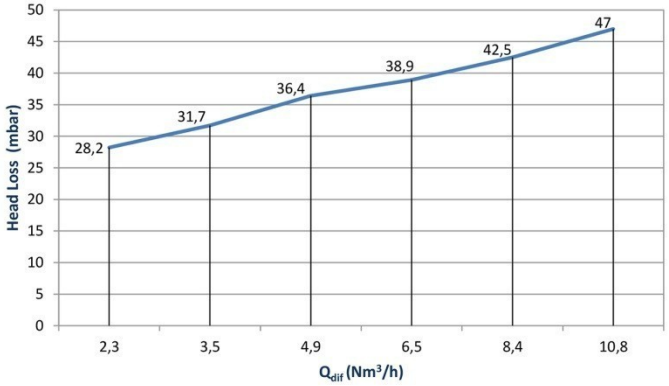
Oc Value goes by the name of SOTR in standard conditions (20 C and 1 atm pressure). SOTR: Standard Oxygen Transfer Rate



OA_h Value goes by the name of SOTE in standard conditions (20 C and 1 atm pressure). SOTE: Standard Oxygen Transfer Efficiency



(SSOTE: Specific Standard Oxygen Transfer Efficiency)



OC_{Lh} Value goes by the name of SSOTR in standard conditions (20C and 1 atm pressure). SSOTR: Specific Standard Oxygen Transfer Rate

CODE	Generic Identification	Material	Outlet NPT Male	Effective-Total Lenght	Effective Area	Capacity	Product Weight
AS-BLDD09EN	9'' Disc Diffuser	EPDM	¾'' - 1	270-300 mm	0,04 m^2	2-10 m^3	0,65 kg
AS-BLDD09SN	9'' Disc Diffuser	Silicone	¾'' - 1	270-300 mm	0,04 m^2	2-10 m^3	0,65 kg

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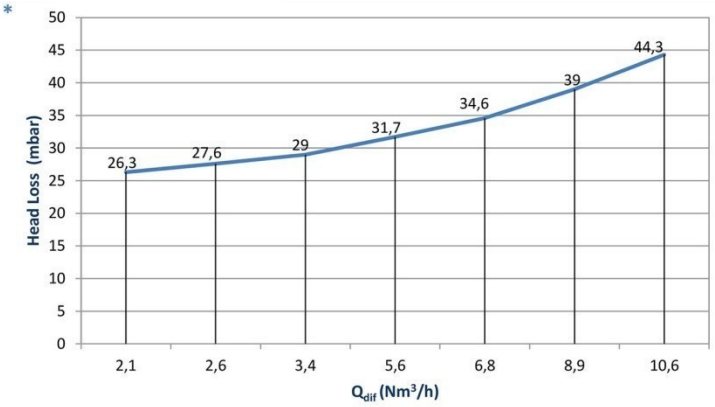
BLOWERS ACCESSORIES

AS-BLDD – Disc Diffuser

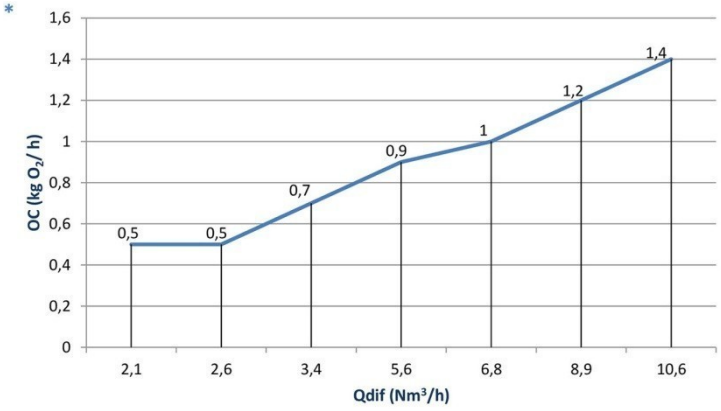
12'' DISC DIFFUSER

Support Plate: Polypropylene (70%) – Glass Fiber (30%)
Ring Part: Polypropylene (70%) – Glass Fiber (30%)
Membrane: EPDM or Silicone

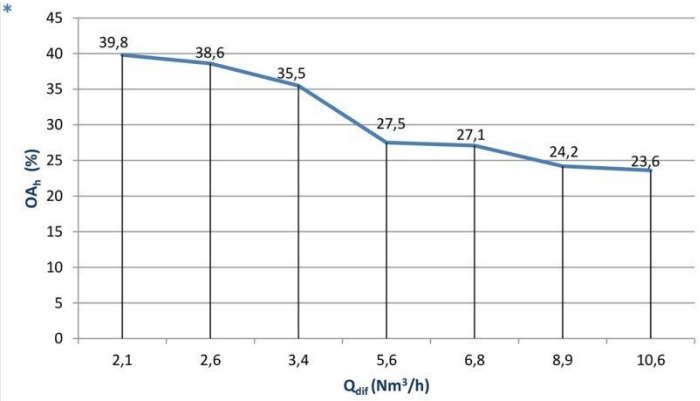
HEAD LOSS



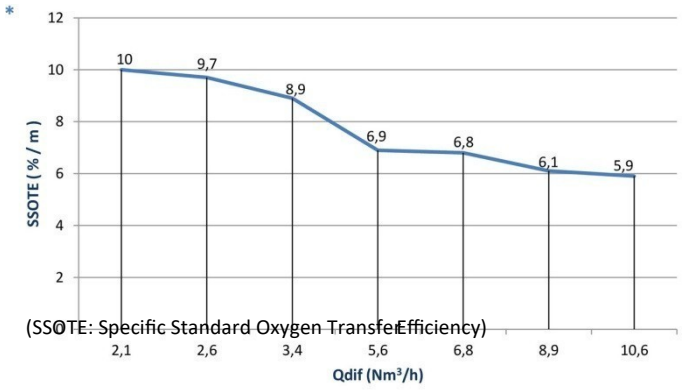
OXYGENATION EFFICIENCY



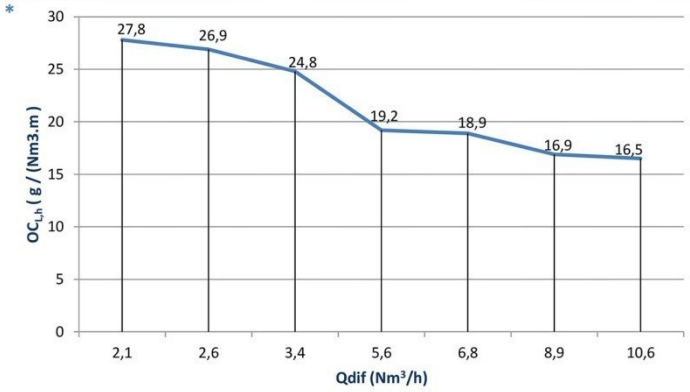
Oc Value goes by the name of SOTR in standard conditions (20 C and 1 atm pressure). SOTR: Standard Oxygen Transfer Rate.



OA_h Value goes by the name of SOTE in standard conditions (20 C and 1 atm pressure). SOTE: Standard Oxygen Transfer Efficiency



(SSOTE: Specific Standard Oxygen Transfer Efficiency)



OC_{Lh} Value goes by the name of SSOTR in standard conditions (20C and 1 atm pressure). SSOTR: Specific Standard Oxygen Transfer Rate

CODE	Generic Identification	Material	Outlet NPT Male	Effective-Total Lenght	Effective Area	Capacity	Product Weight
AS-BLDD12EN	12'' Disc Diffuser	EPDM	¾'' - 1	340-370 mm	0,07 m^2	2-12 m^3	0,93 kg
AS-BLDD12SN	12'' Disc Diffuser	Silicone	¾'' - 1	340-370 mm	0,07 m^2	2-12 m^3	0,93 kg

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BLOWERS ACCESSORIES

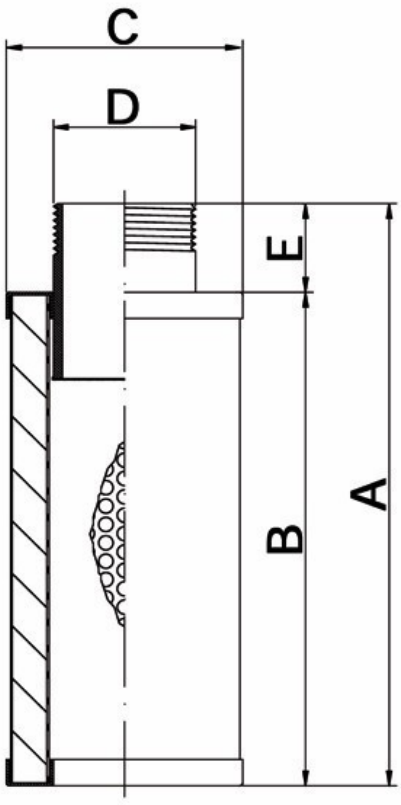
AS-BLFS – Final Silencer

The Final Silencers, with single threaded connection, are particularly indicated for installation in blowers and vacuum generators, whether for aspiration or compression.
External body in zinc plated metal, internal noise-absorbing elements of partially closed-cell polyurethane resin.
For special applications heat treatments can be carried out on the metal parts.

FEATURES

- Bottoms and all metal supports are in zinc plated metal
- In-out connections with gas thread
- Filtering element is in noise-absorbing sponge

Code	A	B	C	D [BSPP]	E
AS-BLFS032ZP	190	138	70	1”1/4	52
AS-BLFS040ZP	200	168	80	1”1/2	32
AS-BLFS050ZP	230	198	89	2”	32
AS-BLFS065ZP	234	198	100	2”1/2	36
AS-BLFS100ZP	440	400	152	4”	40



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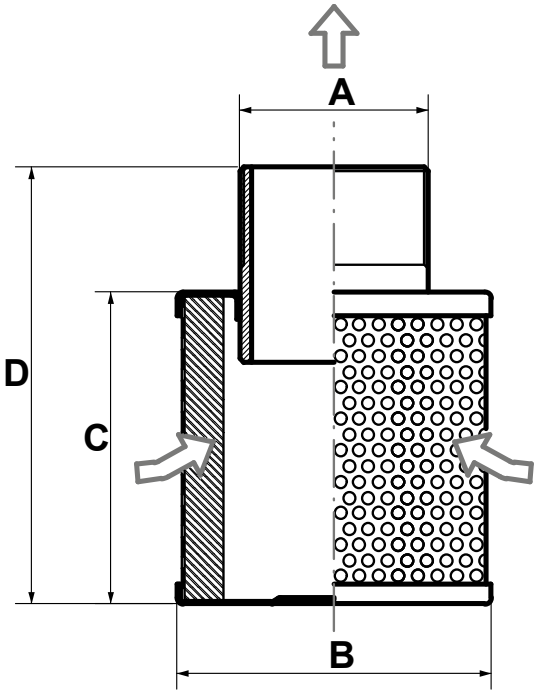
BLOWERS ACCESSORIES

AS-BLIF – Indoor Filter - *compression*

The wire mesh (100µ) filters are made entirely of galvanized metal. The filtering element consists in a woven fabric made of galvanized iron.
The filters ae equipped with male threaded Gas fittings.

Code	A [BSPP]	B	C	D
AS-BLIF032ZP100	1”1/4	70	62	112
AS-BLIF040ZP100	1”1/2	80	81	112
AS-BLIF050ZP100	2”	89	134	164



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BLOWERS ACCESSORIES

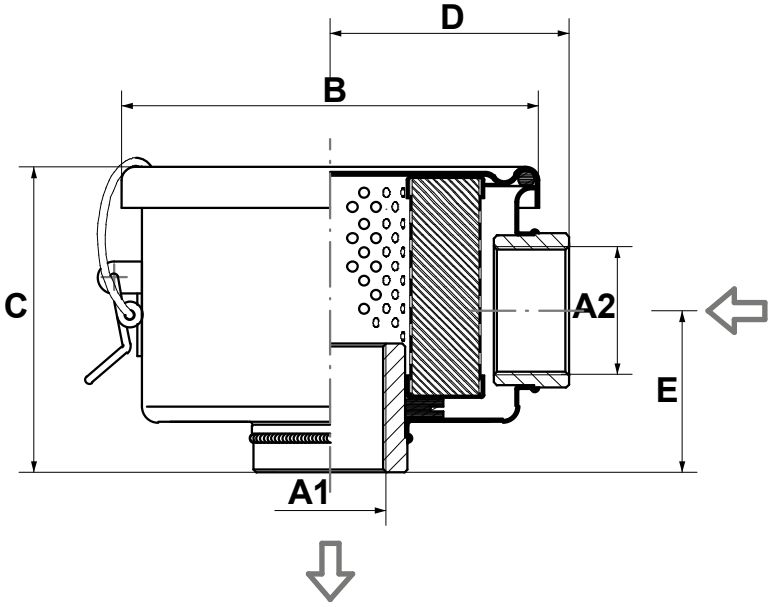
AS-BLIL – In-Line Filter - *vacuum*

Filters from 1”1/4 to 4” and, upon request, we design filters with flows up to 4.000 m^3/h. The cartridges fitted inside the complete filters can give different types of filtration (paper, polyester, inox) lending our products high level of dust collection. Each filter is tested at 100% safety standards before and after painting.

This series of filters is widely used in motors for: Machine Tools, Earth Movers, Compressors and Combustion Engines. They are available with threaded connections, filters with special connections can be supplied upon request. The filter element made of high quality treated paper, and a filtration degree of 5 - 7 µm, assures maximum protection.
Other available filter elements: polyester (25 µm) or stainless steel (30 or 60 µm).

Code	Capacity [m^3/h]	A1	A2	B	C	D	E
AS-BLIL032PA005	150	1”1/4 BSPP		176	161	100	85
AS-BLIL040PA005	200	1”1/2 BSPP		176	196	98	110
AS-BLILA050PA005	320	2” BSPP		199	256	113.5	129
AS-BLIL065PA005	200	2”1/2 BSPP		199	258.5	113.5	129
AS-BLIL080PA005	550	3”					
AS-BLIL10SSS060	750	4” BSPP		308	336	166	202
AS-BLIL100PA005	1200	4” BSPP					

Cartridge Spare Parts		
Paper	Polyester	Inox
AS-BLSPIL032PA005	AS-BLSPIL032PO025	AS-BLSPIL032SS030
AS-BLSPIL040PA005	AS-BLSPIL040PO025	AS-BLSPIL040SS030
AS-BLSPIL050PA005	AS-BLSPIL050PO025	AS-BLSPIL050S S030
AS-BLSPIL065PA005	AS-BLSPIL065PO025	-----
-----	-----	AS-BLSPIL10SSS030
AS-BLSPIL100PA005	AS-BLSPIL100PO025	-----



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BLOWERS ACCESSORIES

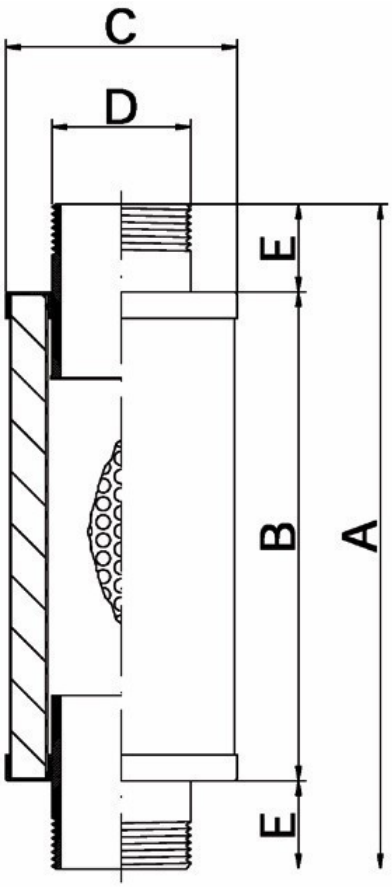
AS-BLIS – In-Line Silencer

The In-Line Silencers, with double threaded connections, are particularly indicated for installation in blowers and vacuum generators, whether for aspiration or compression.
External body in zinc plated metal, internal noise-absorbing elements of partially closed-cell polyurethane resin.
For special applications heat treatments can be carried out on the metal parts.

FEATURES

- Bottoms and all metal supports are in zinc plated metal
- In-out connections with gas thread
- Filtering element is in noise-absorbing sponge

Code	A	B	C	D [BSPP]	E
AS-BLIS032ZP	242	138	70	1”1/4	52
AS-BLIS040ZP	232	168	80	1”1/2	32
AS-BLIS050ZP	262	198	89	2”	32
AS-BLIS065ZP	270	198	100	2”1/2	36
AS-BLIS100ZP	480	400	152	4”	40



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BLOWERS ACCESSORIES

AS-BLMN– Manometer

Particularly tough and precise gauges for general use; they can be used in every field of industry for the measurement of non-aggressive and non-crystallizing fluids.

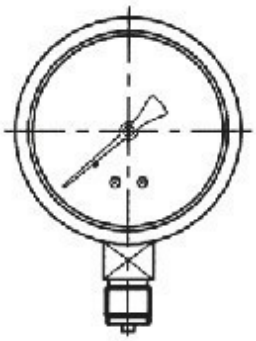
DESIGN FEATURES

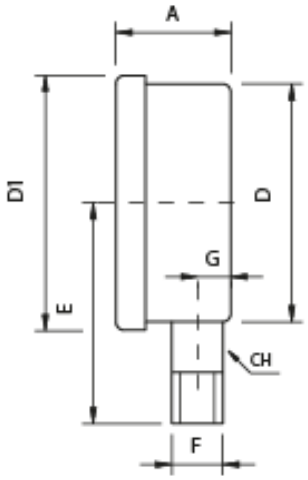
- DIAL SIZE (DS): mm 63
- ACCURACY: Class 1 according to EN837-1
- PRESSURE CONNECTION: brass OT58; thread according to UNI ISO 228/1 G ¼'' A
- ELASTIC ELEMENT:
- copper alloy with pond soldering for range ≤ 40 bar
- AISI 316L st. with silver solvering for range > 40 bar
- MOVEMENT: brass
- WINDOW GASKET: nitrile rubber NBR
- DIAL: white aluminium; black scale and graduation according to EN837-1

TECHNICAL CHARACTERISTICS

- OPERATING PRESSURE:
- Constant: 75% F:S.V.
- Changeable: 60% F.S.V.
- OPERATING TEMPERATURE
- Ambient Man1: -30÷65°C
- Process Fluid
  - Man1: -30÷70°C campo ≤ 40 bar
  - Man1: -30÷120°C campo > 40 bar
- OVERPRESSURE
- Up to 60 bar: 25% F.S.V.
- From 100 bar: 15% F.S.V.

- THERMAL DRIFT: max 0.3% of span every 10°C of deviation from the reference temperature of 20°C
- DEGREE OF PROTECTION: IP55 according to EN 60529
- LIQUID FILLED: Glycerol 90%
- RANGE: 0/+600 mbar code ***BLMN06306 (standard)***
- RANGE: 0/+1000 mbar code ***BLMN06310***





CODE	D	D1	D2	D3	D4	Ø	A1	B	CH	E	E1	F	G	G1	H	Ø Panel drilling	Weight
AS-BLMN06306	62	68	75	85	3,5	29	-	8	14	57	57	¼''	10	-	-	66	0,15

Dimensions = mm

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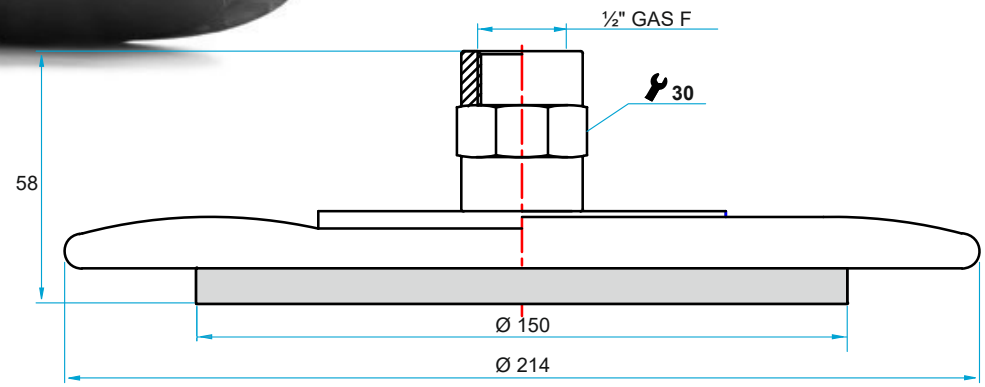
BLOWERS ACCESSORIES

AS-BLND – Napow Diffuser

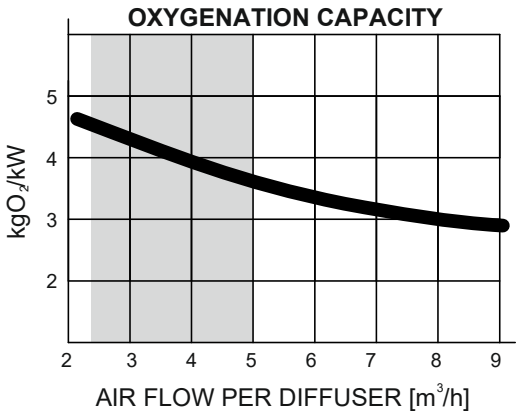
NAPOW is a micro-holed membrane diffuser, made of synthetic rubber which covers the hard air distributor; thus guaranteeing the unbreakability of the system which is based on rubber elasticity. NAPOW is also used on systems working intermittently; it maintains its characteristics unaltered in time and it's adaptable to infinite assembling systems. NAPOW guarantees declared efficiency both in microplants and as component of the "carpets" used in bigger plants. In every case it guarantees maximum versatility. NAPOW does not fear collisions and is guaranteed in every situation. NAPOW allows:

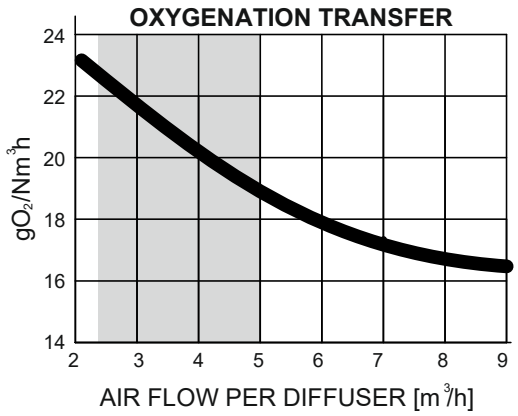
- fine, uniform bubbles guaranteeing maximum efficiency for gas solution though sewages.
- maximum flexibility in every system and adaptability to every assembling scheme
- absolute impermeability of the junction between the membrane, the base plate and the support sleeve



TECHNICAL FEATURES	
CODE	**AS-BLND09EN**
Active surface	**370 cm²**
Weight	**2.1 kg**
Membrane material	**EPDM**
Membrane hardness	**45 Shore A**
Body material	**Zincate iron 12 µm**
Zincate passivity	**MAX BLACK**
Sleeve material	**PVC**

DATA FOR DESIGNER	
Air flow per diffuser	**1 – 9 Nm3/h** @ *+20°C, 1013 mbar*
Bubbles diameter	**1 ÷ 3 mm**
Max temp supported	**80°C**
Charge loss	**0,08 mbar** *pressure fall in air*
Work pressure	**P(bar)=H(m)/10 + 0,012**
Work deepness H	**0,5 - 6m**
Efficiency	**5,43 - 8,33%** *for each head meter*
Efficiency @ *flow 5 m³/h*	**7,25%**





recommended range of use

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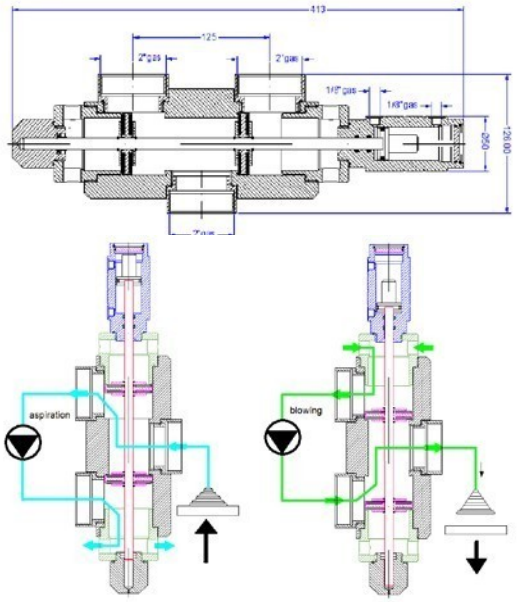
BLOWERS ACCESSORIES

AS-BLRV – Reversing Valve

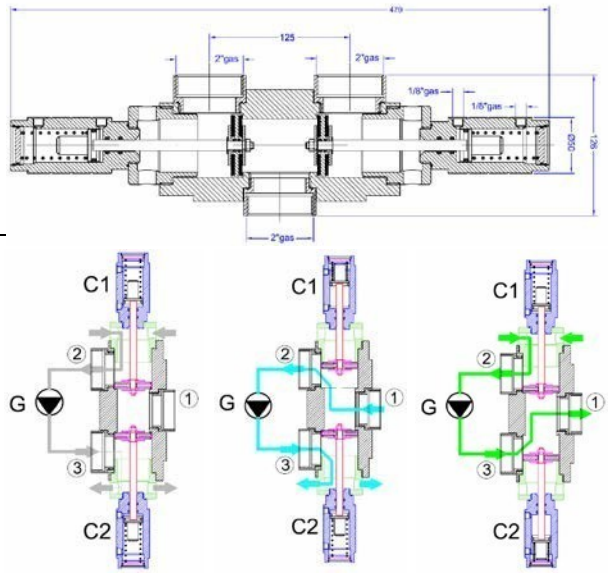
The valve performs as a double of vacuum / vacuum-breaker valve having a central common pipe connection and is pneumatically actuated by a double-acting cylinder; it has therefore 2 flat shutters, 3 pipe connections 2” and 2 exhaust ports. when one exhaust port is closed the other is open and vice-versa.
The positions of the shutters fitted on one piston rod determines the air flow direction through the valve.

CODE	AS-BLRV52 – 5 WAY / 2 POSITION AS-BLRV53 – 5 WAY / 3 POSITION	
Size	2”	
Pipe threads	F/F/F gas ISO228	
Angle	Not	
Right-angled	Yes	
Normally closed [NC]	On request	
Normally open [NO]	On request	
Double acting [DA]	Yes	cod. VI523200 (5W/2P) cod. VI533200 (5W/3P)
Ambient temperature	0° / +60°C	
Pilot pressure	Min. 4 bar – Max 8 bar	
Media pressure	Min. -0.6 bar – max +2 bar	
Valve body	Anodized aluminium	
Spacer	Not	
Rotable cylinder	Not	
Seal holder	2-Anodized aluminium	
Piston	Aluminium	
Cylinder	Anodized aluminium	
Piston rod	Stainless steel AISI304	
Rod wiper	Not	
Rud guide	PTFE	
Internal o-ring	FKM	
Shutter seal	FKM	

AS-BLRV52



AS-BLRV53



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BLOWERS ACCESSORIES

AS-BLSV – Vacuum and Pressure Relief Valve

A safety valve is an accessory which protects pressurized equipments from the overtaking of an admitted pressure limit, being therefore, a device for the emergency discharge of pressurized fluids, that enters in action automatically when a set pressure is reached (valve set pressure).

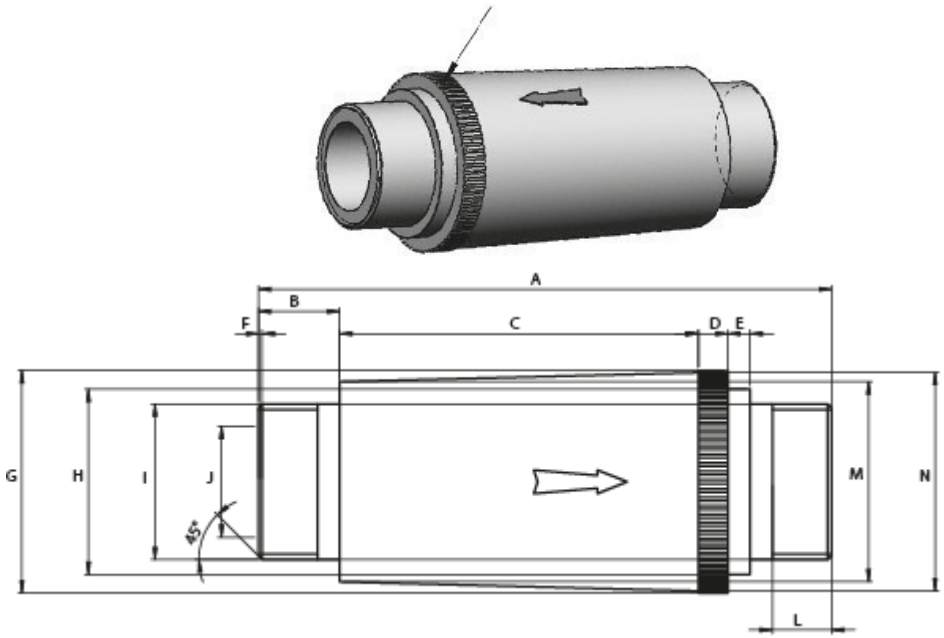
VALVE SETTING PROCEDURE:

- *Use a manometer / in-line pressure gauge*
  1. Start up the blower.
  2. Gradually close the out-let side till reaching the maximum working point of the blower (mbar), at this point the valve should complete its opening and keep a constant pressure.
  3. Set the valve by using the ring nut (once you reach the correct position, fasten the ring nut).

Alternatively

- *Use an amperometric plier*
  1. Start up the blower.
  2. Gradually close the out-let side till reaching the maximum working point of the blower (Amp), at this point the valve should complete its opening and keep a constant pressure.
  3. Set the valve by using the ring nut (once you reach the correct position, fasten the ring nut).

Adjusting nut



MODEL	A	B	C	D	E	F	ØG	ØH	ØI	ØJ	L	ØM	ØN
AS-BLSV032AL	155	22	97	8	6	1	60	50	42	30	16	54	60
AS-BLSV065AL	190	22	135	10	5	1	90	80	73	65	18	79	90
AS-BLSV100AL	250	22	190	11	4	1	139	126	113	100	17	123	139

Dimensions in mm. Tolerance on given values ±10 %.

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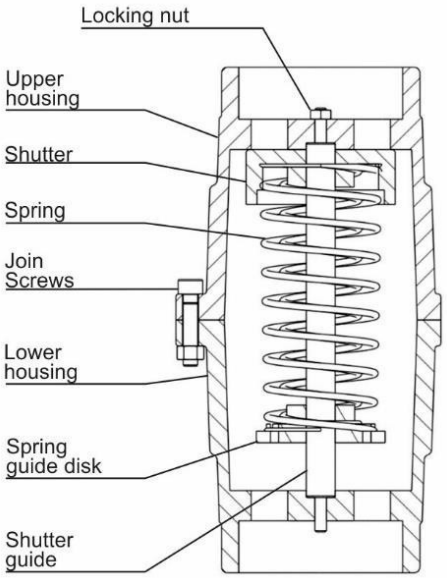
BLOWERS ACCESSORIES
AS-BLSV– Vacuum and Pressure Relief Valve



BLSV valves are used to limit pressure or vacuum on lateral channel blowers. When the pressure or vacuum is reached the valve opens and, connecting the internal part of blower to atmosphere, prevents to overcome the blower design limit. The discharge connection may be, according to the plant design, opened to atmosphere directly or channeled to a discharge pipe.

RUNNING PRINCIPLES

The fluid pressured is opposed by the force effected on shutter by the spring. This starts to open when fluid pressure overcomes the spring force reaching the fully open position. And when the pressure goes below the set pressure the valve closes.

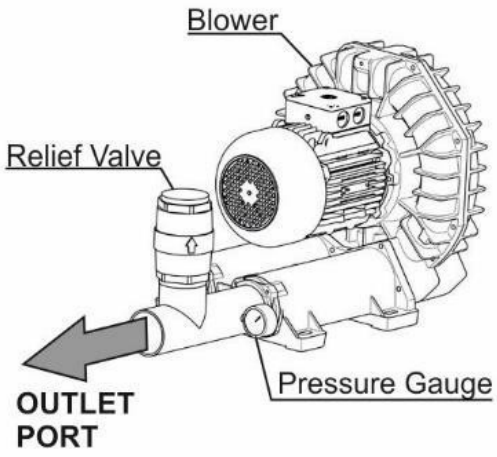
INTENDED USE

The BLSV valves are suitable:

- for industrial applications,
- operating range of differential pressure (Dp) is between 100 mbar up to 600 mbar,
- handling air and gas that is not explosive, not inflammable, not poisonous, and not aggressive,

Gas inlet temperature must be in the range of -15° to +160°C.

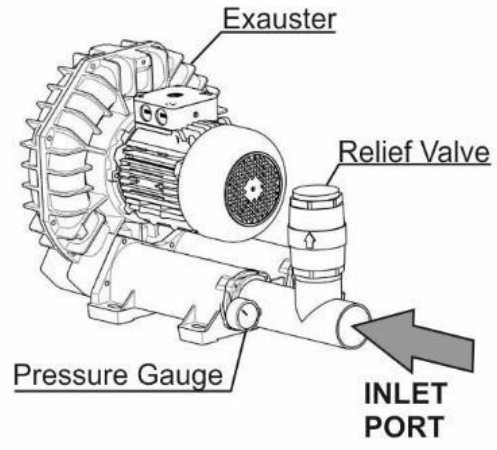
INSTALLATION SKETCH AS VACUUM RELIEF VALVE AND SETTING-UP



Installation and setting-up at allowed pressure level

1. Remove locking nut from upper housing and place it on the lower housing. ***Do not tighten***,
2. Position valve on the discharge by-pass and connect a pressure gauge as close as possible to the blower outlet,
3. Relieve spring tension by backing on shutter guide with the key,
4. Turn on blower. Induce highest attainable pressure by throttling air discharge downstream of the valve (normally reducing throttle to fully-closed),
5. Unscrew shutter guide until maximum allowable pressure level is reached,
6. Tighten locking nut,
7. Open discharge line.

INSTALLATION SKETCH AS VACUUM RELIEF VALVE AND SETTING-UP



Installation and setting-up at allowed vacuum level

1. Position valve on the suction by-pass and connect a vacuum gauge as close as possible to the exhauster inlet,
2. Unscrew locking nut,
3. Relieve spring tension by backing off on shutter guide with the key,
4. Turn on exhauster. Induce highest attainable vacuum by throttling air intake upstream relief valve (normally reducing throttle to fully-closed),
5. Screw shutter guide until maximum allowable vacuum level is reached,
6. Tighten locking nut,
7. Open suction line.

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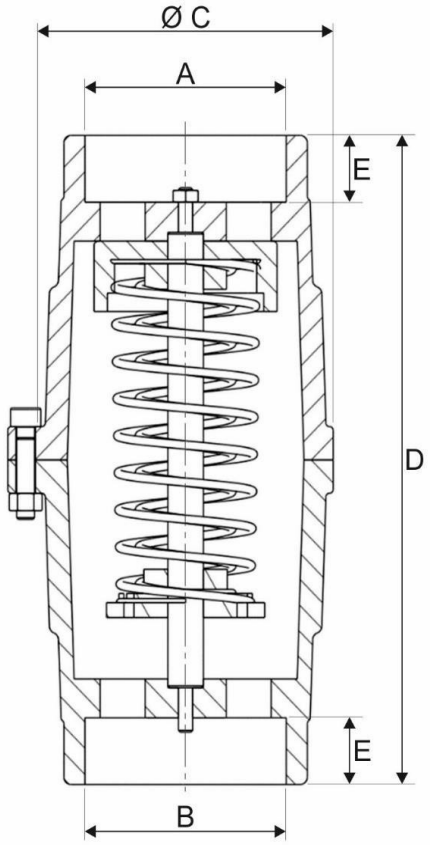
BLOWERS ACCESSORIES

AS-BLSV – Vacuum and Pressure Relief Valve

OVERALL DIMENSIONS

AS-BLSV050AL__
AS-BLSV080AL__
AS-BLSV100AL__



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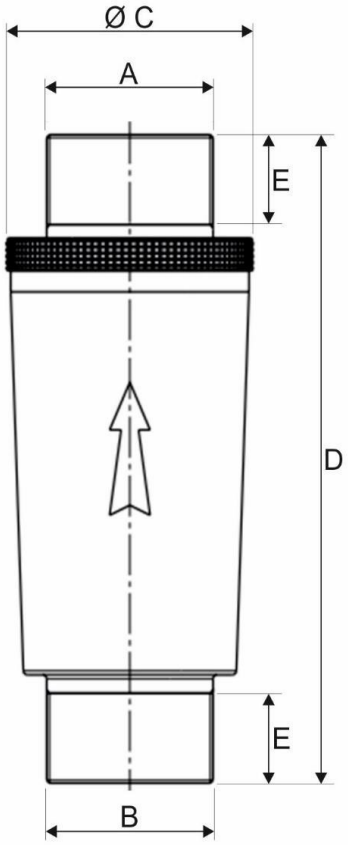

CODE		A – B	ØC	D	E
AS-BLSV032AL	03	G 1¼ - M	82	155	20
	06				
AS-BLSV050AL	13	G 2 - F	105	180	12
	36				
AS-BLSV080AL	12	G 3 - F	140	200	15
	24				
	46				
AS-BLSV100AL	12	G 4 - F	165	210	20
	24				
	46				

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BLOWERS ACCESSORIES

AS-BLTD – Tubolar Diffuser

Rubber surface with microholes that act like one valve, dilating themselves in order to let out the air but closing up once the flow is interrupted preventing to the water to enter.

Applications:

- Wastewaters treatment
- Intermittent operation capability
- Clean water treatment
- Sludge stabilization
- Aeration of fish pond
- Aeration of streams and lakes

Code	Generic identification	Material	Outlet NPT Male	Effective Total length	Effective Area	Capacity	Weigth
AS-BLTD03EN	Ø63 – 300 mm Tube Diffuser	EPDM	3/4" – 1"	300 – 350 mm	0.06 m^2	2 – 5 m^3	0.42 kg
AS-BLTD03ES	Ø63 – 300 mm Tube Diffuser	Silicone	3/4" – 1"	300 – 350 mm	0.06 m^2	2 – 5 m^3	0.42 kg
AS-BLTD05EN	Ø63 – 500 mm Tube Diffuser	EPDM	3/4" – 1"	500 – 550 mm	0.10 m^2	2 – 8 m^3	0.75 kg
AS-BLTD05ES	Ø63 – 500 mm Tube Diffuser	Silicone	3/4" – 1"	500 – 550 mm	0.10 m^2	2 – 8 m^3	0.75 kg
AS-BLTD08EN	Ø63 – 800 mm Tube Diffuser	EPDM	3/4" – 1"	800 – 850 mm	0.15 m^2	2 – 10 m^3	1.15 kg
AS-BLTD08ES	Ø63 – 800 mm Tube Diffuser	Silicone	3/4" – 1"	800 – 850 mm	0.15 m^2	2 – 10 m^3	1.15 kg
AS-BLTD10EN	Ø63 – 1000 mm Tube Diffuser	EPDM	3/4" – 1"	1000 – 1050 mm	0.20 m^2	2 – 12 m^3	1.40 kg
AS-BLTD10ES	Ø63 – 1000 mm Tube Diffuser	Silicone	3/4" – 1"	1000 – 1050 mm	0.20 m^2	2 – 12 m^3	1.40 kg

Membrane Test Results			
Test Standard	**Test Type**	**EPDM**	**Silicone**
	Material Thickness	2 mm	2 mm
DIN53479	Density	1.06 ± 0.05	1.13 ± 0.05
DIN53504 SI	Tensile Strength	>10 N/mm^2	>10 N/mm^2
DIN53504 SII	Elongation	>500%	>450%
DIN53505	Hardness	50 ± 5 ShoreA	50 ± 5 ShoreA
	Lowest Temperature	- 45°C	- 45°C
	Highest Temperature	150°C	310°C

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BLOWERS ACCESSORIES

AS-BLVG – Vacuum Gauge

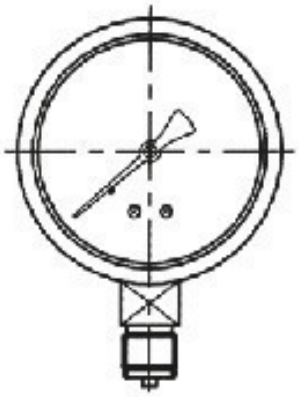
Particularly tough and precise gauges for general use; they can be used in every field of industry for the measurement of non-aggressive and non-crystallizing fluids.

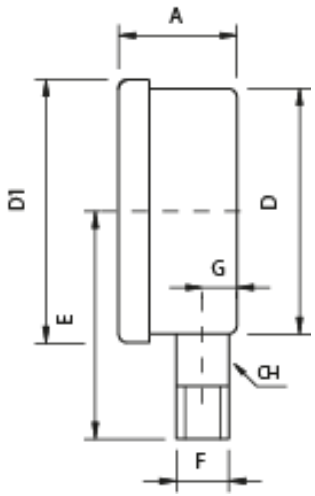
DESIGN FEATURES

- DIAL SIZE (DS): mm 63
- ACCURACY: Class 1 according to EN837-1
- PRESSURE CONNECTION: brass OT58; thread according to UNI ISO 228/1 G ¼'' A
- ELASTIC ELEMENT: copper alloy with pond soldering
- MOVEMENT: brass
- WINDOW GASKET: nitrile rubber NBR
- DIAL: white aluminium; black scale and graduation according to EN837-1

TECHNICAL CHARACTERISTICS

- OPERATING PRESSURE:
  - Constant: 75% F:S.V.
  - Changeable: 60% F.S.V.
  - OPERATING TEMPERATURE
- Ambient: -30÷65°C
- Process Fluid: -30÷70°C campo ≤ 40 bar
- OVERPRESSURE: 25% F.S.V.
- THERMAL DRIFT: max 0.3% of span every 10°C of deviation from the reference temperature of 20°C
- DEGREE OF PROTECTION: IP55 according to EN 60529
- LIQUID FILLED: Glycerol 90%
- RANGE: 0/+600 mbar code ***AS-BLVG06306 (standard)***
- RANGE: 0/+1000 mbar code ***AS-BLVG06310***





CODE	D	D1	D2	D3	D4	Ø	A1	B	CH	E	E1	F	G	G1	H	Ø Panel drilling	Weight
AS-BLVG06306	62	68	75	85	3,5	29	-	8	14	57	57	¼''	10	-	-	66	0,15

Dimensions =mm

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