GREENCO

Data sheet side channel blowers

Series G-4RB

Side channel blowers

3 AC; 50/60 Hz

Vacuum operation

Types 4RB 210 to 4RB 620

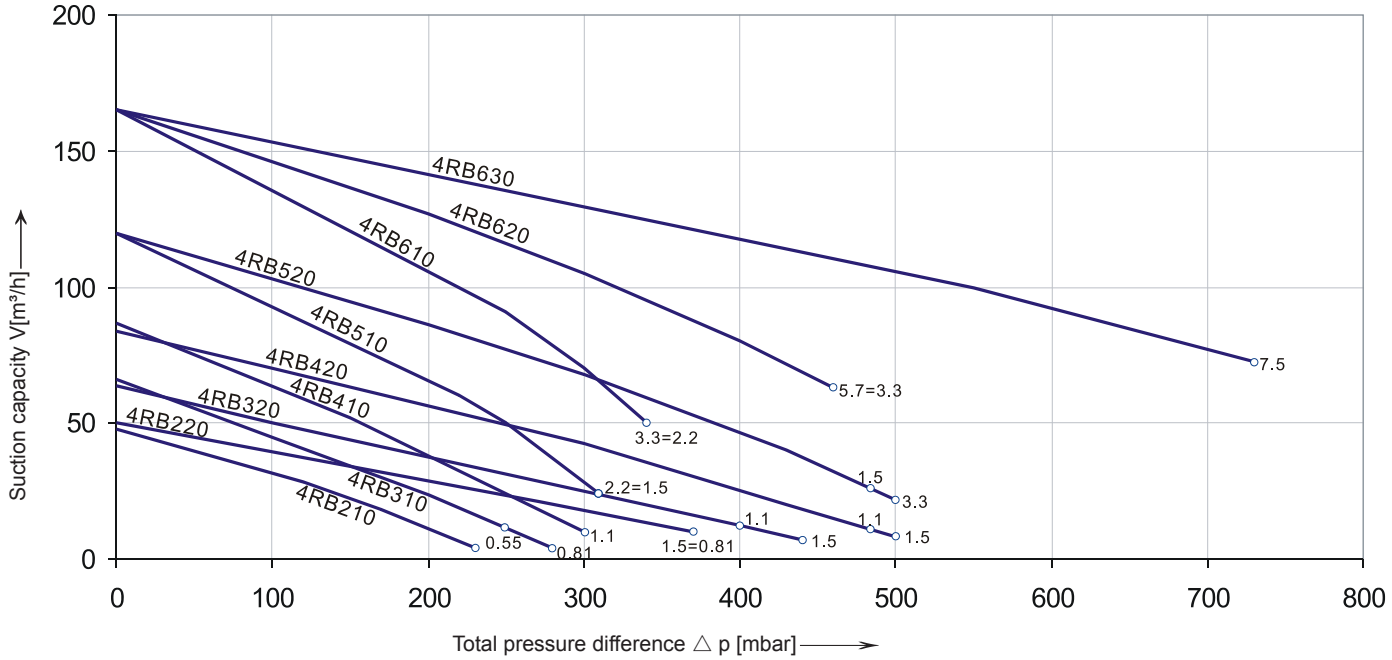
Power range:

output:	0,55 to 8,6kW
Total pressure difference:	to △p=1040 mbar(P)
Suction capacity:	48 to 200 m³/h

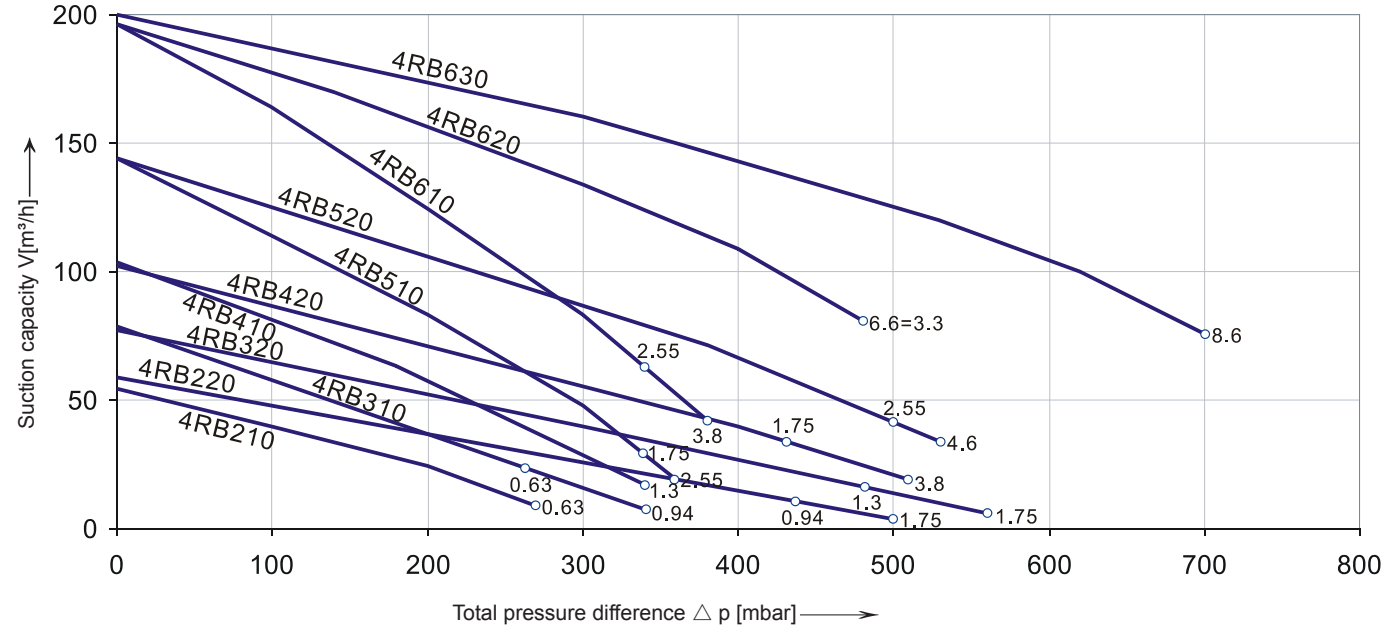
Selection and ordering data

Order No.	Motor(IP55)				Weight approx.	Sound-pressure level
	Fre-quency	rated output	rated voltage	rated current		
	Hz	kW	V	A	kg	dB(A)
4RB 210-0AV16-7	50	0.55	200-240 △ /345-415Y	2.8 △ /1.6Y	16	57
	60	0.63	220-275 △ /380-480Y	3 △ /1.7Y		62
4RB 220-0AH26-7	50	0.81	200-240 △ /345-415Y	4 △ /2.3Y	24	58
	60	0.94	220-275 △ /380-480Y	4 △ /2.3Y		62
4RB 220-0AH56-7	50	1.5	200-240 △ /345-415Y	7.5 △ /4.3Y	28	58
	60	1.75	220-275 △ /380-480Y	7.6 △ /4.4Y		62
4RB 310-0AH16-7	50	0.55	200-240 △ /345-415Y	2.8 △ /1.6Y	16	57
	60	0.63	220-275 △ /380-480Y	3 △ /1.7Y		62
4RB 310-0AH26-7	50	0.81	200-240 △ /345-415Y	4 △ /2.3Y	17	57
	60	0.94	220-275 △ /380-480Y	4 △ /2.3Y		62
4RB 320-0AH46-7	50	1.1	200-240 △ /345-415Y	5.4 △ /3.1Y	29	59
	60	1.3	220-275 △ /380-480Y	5.4 △ /3.1Y		63
4RB 320-0AH56-7	50	1.5	200-240 △ /345-415Y	7.5 △ /4.3Y	30	59
	60	1.75	220-275 △ /380-480Y	7.6 △ /4.4Y		63
4RB 410-0AH16-7	50	1.1	200-240 △ /345-415Y	5.4 △ /3.1Y	23	58
	60	1.3	220-275 △ /380-480Y	5.4 △ /3.1Y		62
4RB 420-0AH26-7	50	1.5	200-240 △ /345-415Y	7.5 △ /4.3Y	33	61
	60	1.75	220-275 △ /380-480Y	7.6 △ /4.4Y		66
4RB 420-0AH56-7	50	3.3	200-240 △ /345-415Y	13 △ /7.5Y	16	61
	60	3.8	220-275 △ /380-480Y	13.8 △ /8Y		66
4RB 510-0AH16-8	50	1.5	200-240 △ /345-415Y	7.5 △ /4.3Y	26	64
	60	1.75	220-275 △ /380-480Y	7.6 △ /4.4Y		68
4RB 510-0AH26-8	50	2.2	200-240 △ /345-415Y	11.4 △ /6.6Y	29	64
	60	2.55	220-275 △ /380-480Y	11.2 △ /6.5Y		68
4RB 520-0AH26-8	50	2.2	200-240 △ /345-415Y	11.4 △ /6.6Y	40	64
	60	2.55	220-275 △ /380-480Y	11.2 △ /6.5Y		70
4RB 520-0AH77-8	50	4	345-415 △	9 △	51	65
	60	4.6	380-480 △	9.5 △		71
4RB 610-0AH16-8	50	2.2	200-240 △ /345-415Y	11.4 △ /6.6Y	32	65
	60	2.55	220-275 △ /380-480Y	11.2 △ /6.5Y		71
4RB 610-0AH36-8	50	3.3	200-240 △ /345-415Y	13 △ /7.5Y	35	65
	60	3.8	220-275 △ /380-480Y	14.2 △ /8.2Y		71
4RB 620-0AH36-8	50	3.3	200-240 △ /345-415Y	13 △ /7.5Y	48	67
	60	3.8	220-275 △ /380-480Y	14.2 △ /8.2Y		71
4RB 620-0AH57-8	50	5.7	345-415 △	12.5 △	65	65
	60	6.6	380-480 △	12 △		71
4RB 630-0AH67-8	50	7.5	345-415 △	16 △	17	57
	60	8.6	380-480 △	16 △		62

50 Hz Selection diagram

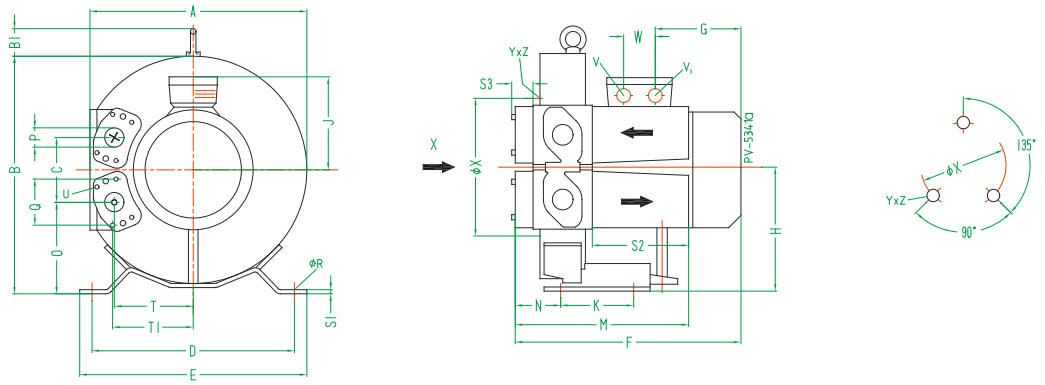


60 Hz Selection diagram



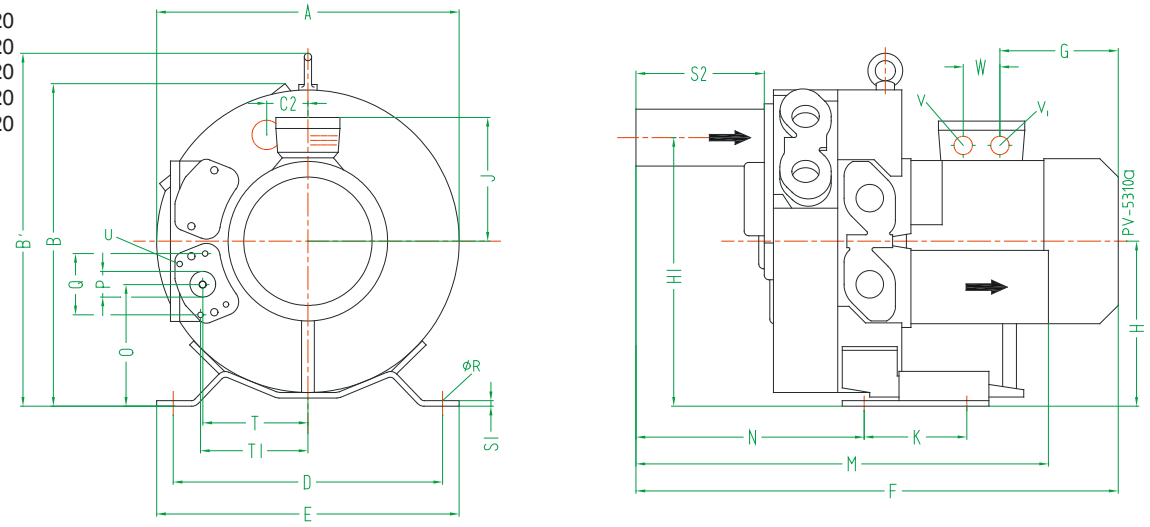
Dimensions [mm]

4RB 210
4RB 310
4RB 410
4RB 510
4RB 610



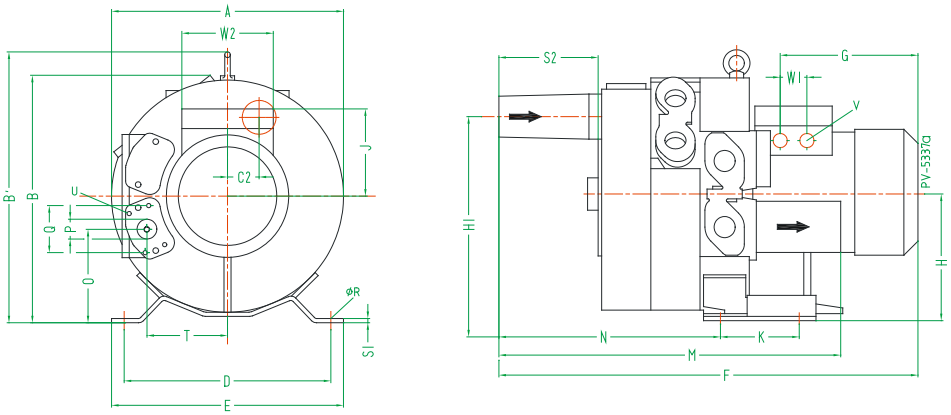
Type	Phases																												
		A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	øR	S1	S2	S3	T	T1	U	V	V1	W	øX	YxZ
4RB 210-0AH16-7	3~	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G1¼(18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32	153	M6x15
4RB 310-0AH16-7	3~	313	339		94	290	325	295	153	177	120		256	67	130							114	116						
4RB 310-0AH26-7	3~										120																		
4RB 410-0AH16-7	3~	346	375	38	103	315	350	321		195		130	260	66	143							125	127					167	
4RB 510-0AH16-8	3~	368	395	39	114	328	363	361	185	205	128	152	265	68	148				5			137	138					192	M8x15
4RB 510-0AH26-8	3~																												
4RB 610-0AH16-8	3~	418	455		127	371	406	364		235			271	72	172							153	155					228	
4RB 610-0AH36-8	3~							390	211																				

4RB 220
4RB 320
4RB 420
4RB 520
4RB 620



Type	Phases																											
		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
4RB 220-0AH26-7	3~	313	326	359	43	260	298	469	130	167	272	111	105	426	241	123	G1¼(18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32
4RB 220-0AH56-7	3~							525	185			128																
4RB 320-0AH46-7	3~	331	345	380	47	290	325	390	153	177	291	120		431	243	130							114	116				
4RB 320-0AH56-7	3~							421	185			128																
4RB 420-0AH26-7	3~	363	377	414	52	315	350	529	180	195	319	128	130	436		143							125	127				
4RB 420-0AH56-7	3~							554	211																			
4RB 520-0AH26-8	3~	387	402	435	57	328	363	549	185	206	343	128	152	453	256	148				5			137	138				42
4RB 520-0AH77-8	3~							603	211			148														2xM32x1.5		32
4RB 620-0AH36-8	3~	442	457	495	63	372	406	578		236	389	128		458	259	173							153	155		M25x1.5		42
4RB 620-0AH57-8	3~							643	248			148														2xM32x1.5		

4RB 630



Type																								
	A	B	B'	C_2	D	E	F	G	H	H_1	K	M	N	O	P	Q	øR	S_1	S_2	T	U	V	W_1	W_2
4RB 630-0AH67-8	442	402	492	63	371	406	717	274	236	389	152	539	336	172	G1¼(15 deep)	64	14	5	146	153	M6x17	M32x1.5	42	120

Performance curves

The performance curves are valid for pumping air at 15 °C at the inlet flanges with an air pressure of 1,013 mbar and a tolerance of ±10%. The total pressure differences are valid up to an intake and ambient temperatureof 25 °C.

Retention of validity:

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

Sound pressure level:

Measuring surface sound-pressure level acc. to EN 216801, measured at a distance of 1 m. The pump is throttled to a medium inlet pressure, a hose is connected to the discharge side, and
a vacuum-relief valve is not fitted.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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