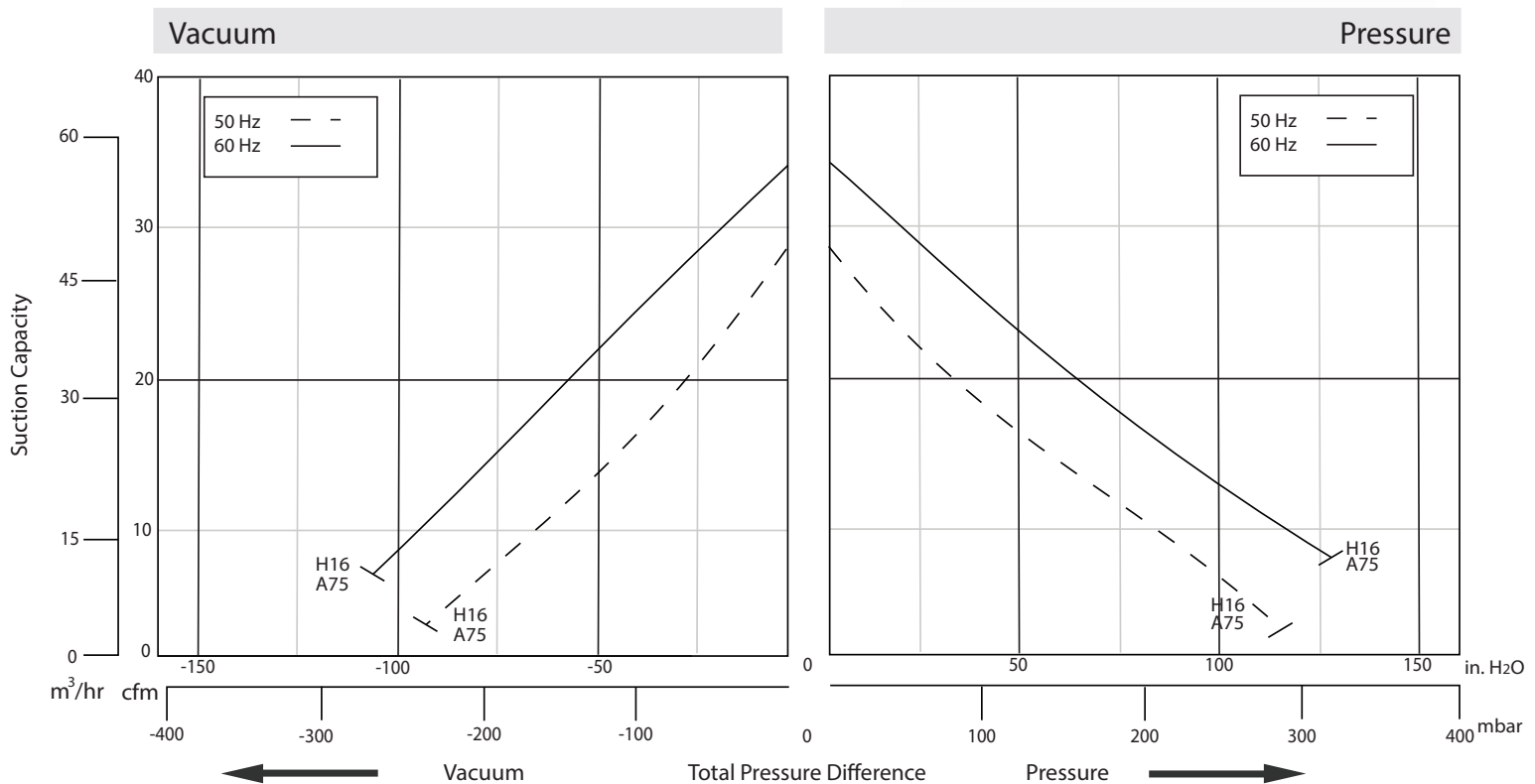


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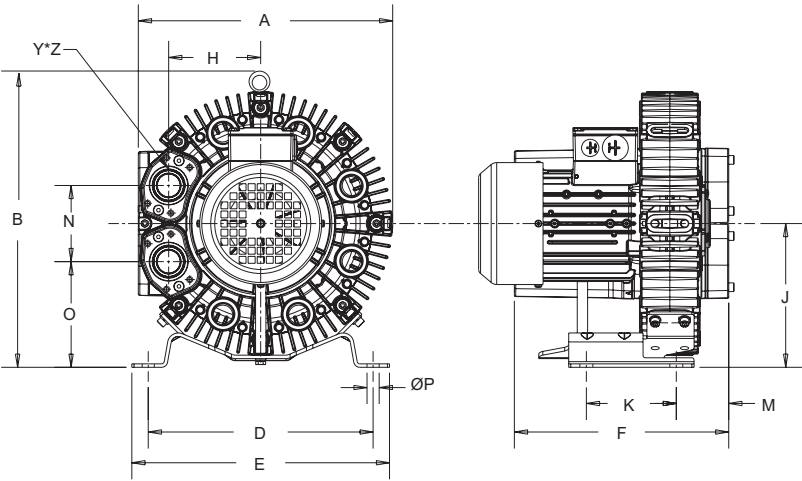
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC210-H16	3	50	28/47	92/230	116/290	0.7/0.5	190 YY/380 Y	2.6 YY/1.3 Y	62	36/18
		60	34/57	108/270	128/320	0.8/0.6	230 YY/ 460 Y	2.5 YY/1.3 Y		
4RC210-A75	1	50	28/47	92/230	116/290	0.7/0.5	230	6.5	62	40/20
		60	34/57	108/270	128/320	0.8/0.6	115/230	8.0/3.8		

The performance curves are based on air at a temperature of 59 °F and an atmospheric pressure of 29.91 inch Hg with a tolerance of +/-10%. The total pressure differences are valid for inlet and ambient temperatures up to 77 °F. Suction capacity relates to inlet conditions. Pressure capacity relates to atmospheric conditions. For other conditions please contact Republic. Three phase motor tolerances are +/-10% for fixed voltage motors and +/-5% for voltage range motors. Single phase machines are designed with a +/-5% tolerance. The frequency tolerance is +/-2% maximum.

APPROXIMATE DIMENSIONS

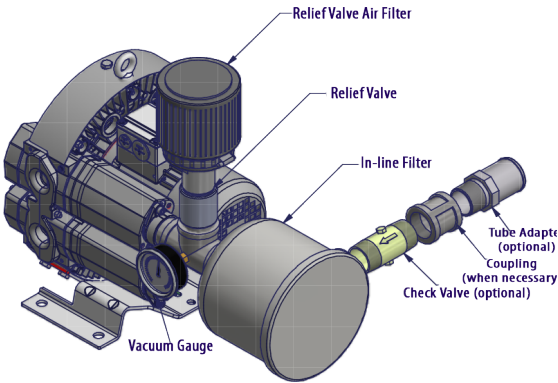


Model	Unit	A	B	D	E	F	H	J	K	M	N	O	ØP	Y*Z
4RC210	in	11.57	14.09	10.24	11.73	9.92	4.13	6.57	4.13	2.56	1.54	4.88	0.55	1.25
	mm	294	358	260	298	252	105	167	105	65	39	124		

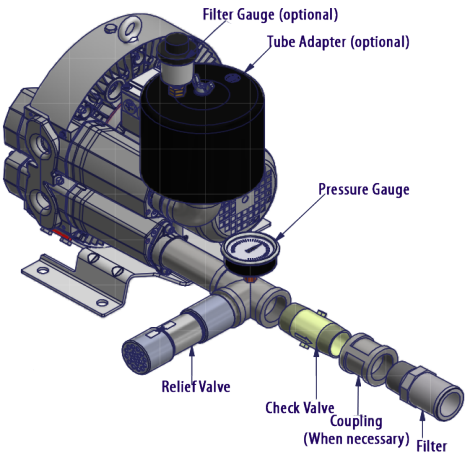
Available Options

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VACUUM KIT

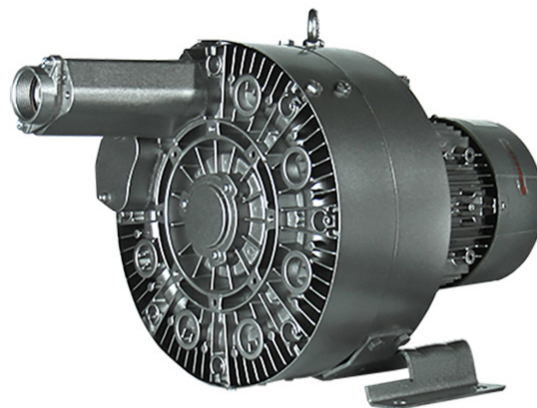


PRESSURE KIT

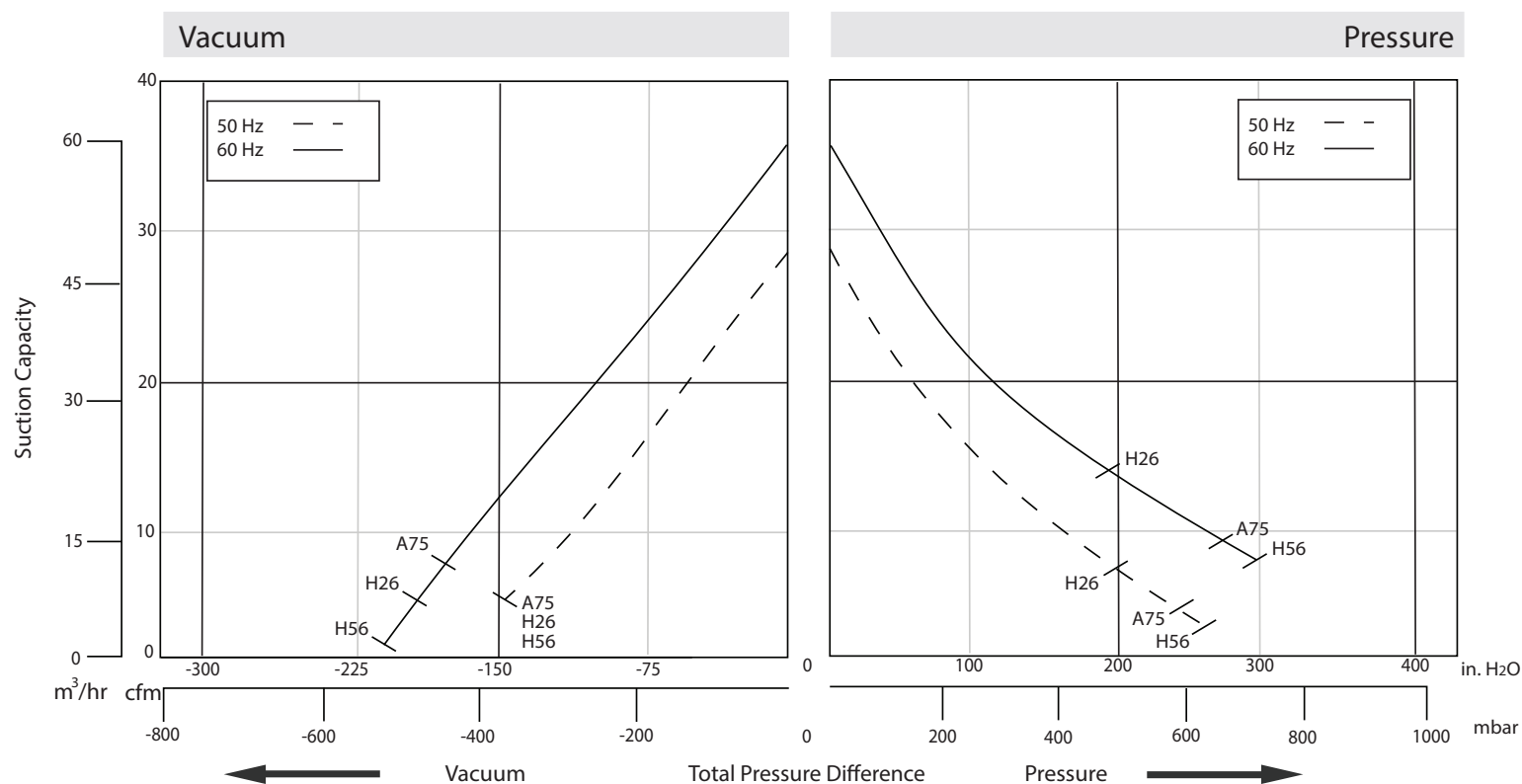


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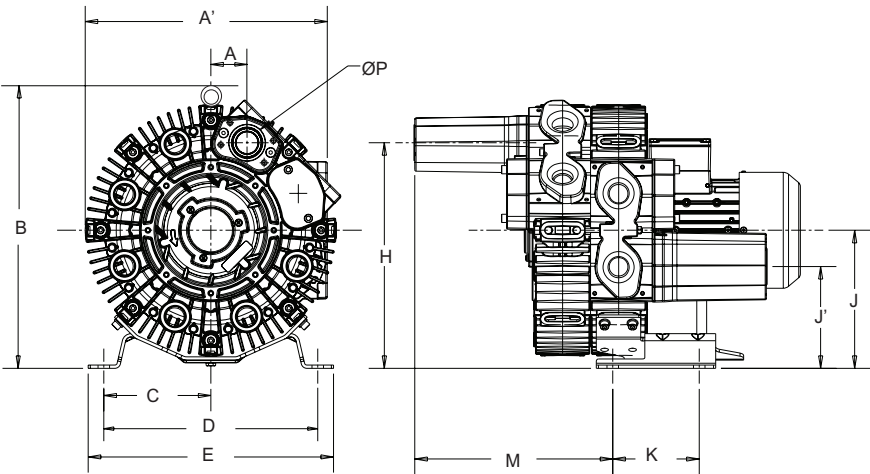
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m ³ /hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC220-H26	3	50	28/47	149/370	197/490	1.1/0.8	190 YY/380 Y	4.0 YY/2.3 Y	62	53/27
		60	35/60	177/440	193/480	1.3/0.9	230 YY/460 Y	4.0 YY/2.3 Y		
4RC220-H56	3	50	28/47	149/370	261/650	2.0/1.5	190 YY/380 Y	8.6 YY/4.3 Y	62	62/31
		60	35/60	201/500	297/740	2.3/1.7	230 YY/460 Y	7.5 YY/4.4 Y		
4RC220-A75	1	50	28/47	149/370	241/600	2.0/1.5	230	9.7	62	67/34
		60	35/60	169/420	265/660	2.3/1.7	115/230	20.6/10.3		

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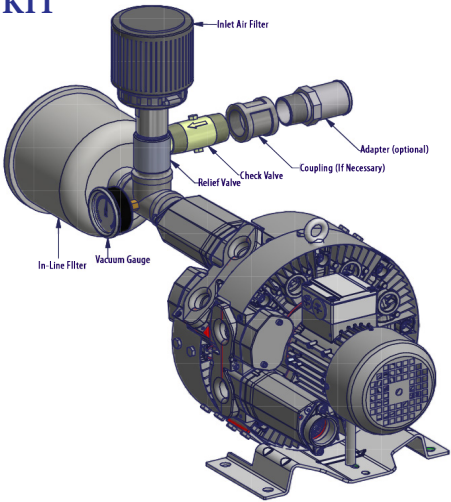


Model	Unit	A	A'	B	C	D	E	H	J	J'	K	M	ØP
4RC220	in	1.68	12.32	14.13	4.13	4.13	11.73	10.71	6.57	4.84	4.13	9.49	1.25
	mm	43	313	359	105	105	298	272	167	123	105	241	

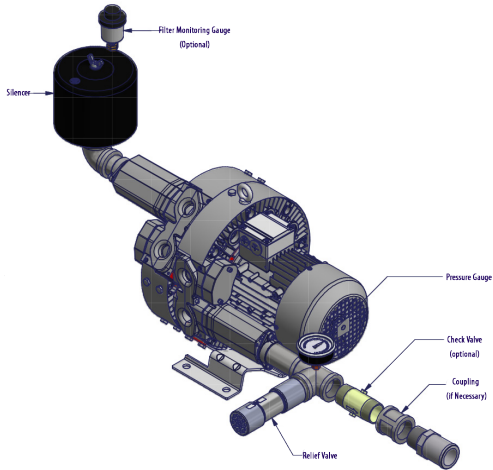
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VACUUM KIT



PRESSURE KIT

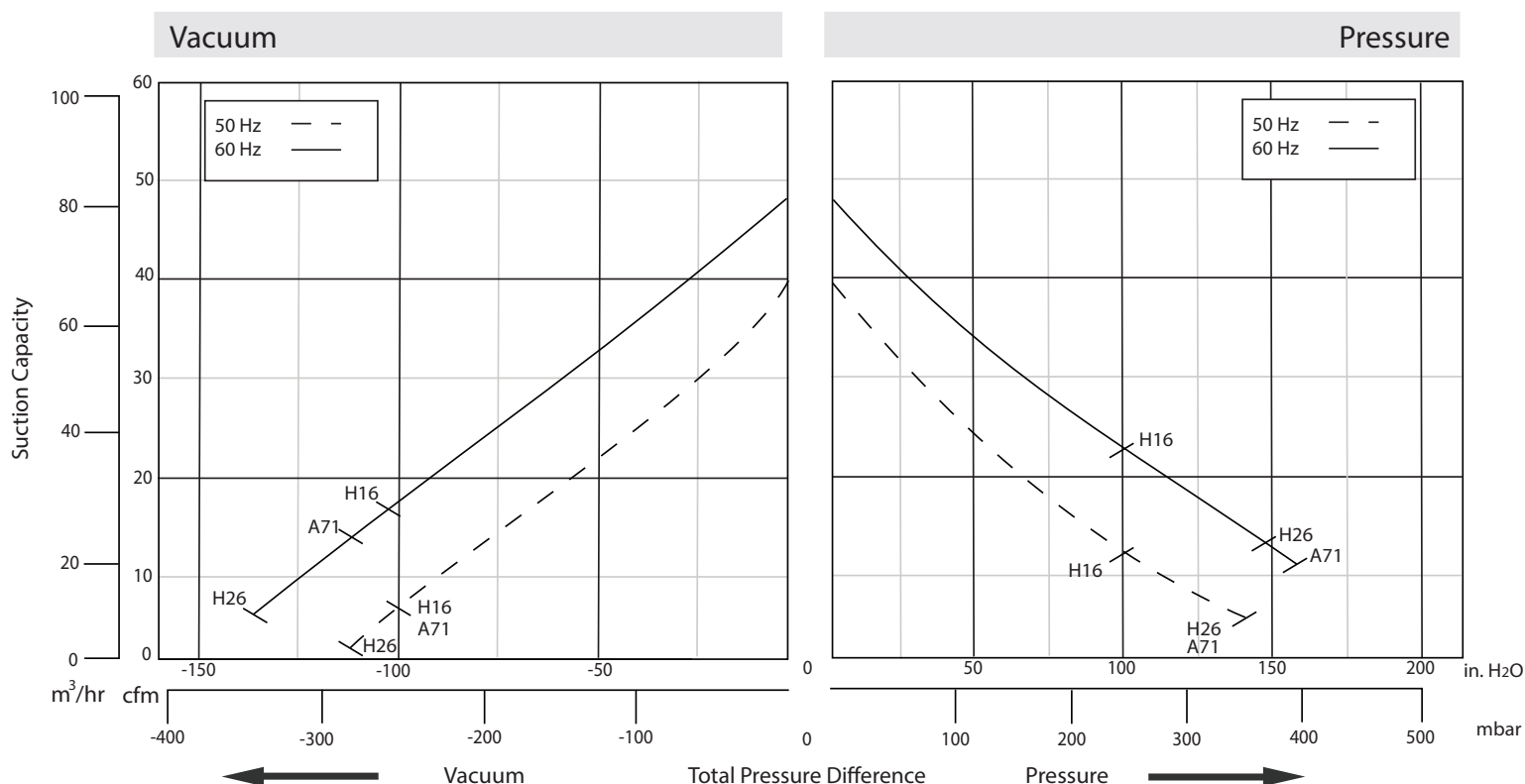


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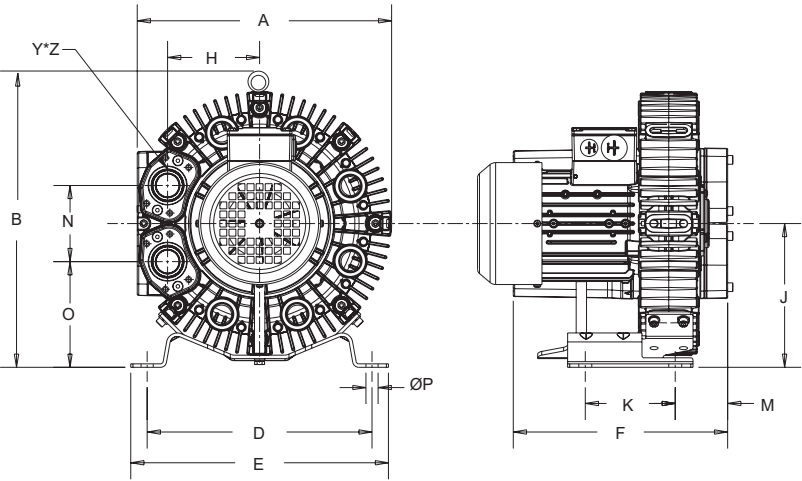
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC310-H16	3	50	39/66	100/250	100/250	0.7/0.5	190 YY/380 Y	3.2 YY/1.6 Y	62	36/18
		60	47/80	104/260	100/250	0.8/0.6	230 YY/460 Y	3.0 YY/1.7 Y		
4RC310-H26	3	50	39/66	112/280	141/350	1.1/0.8	190 YY/380 Y	4.0 YY/2.3 Y	62	36/18
		60	47/80	137/340	145/360	1.3/0.9	230 YY/460 Y	4.0 YY/2.3 Y		
4RC310-A71	1	50	39/66	100/250	141/350	1.3/0.9	230	7.6	62	40/20
		60	47/80	112/280	157/390	1.5/1.1	115/230	18.0/9.0		

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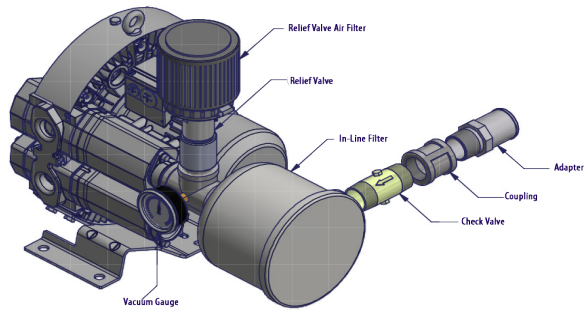


Model	Unit	A	B	D	E	F	H	J	K	M	N	O	ØP	Y*Z
4RC310	in	12.32	14.88	11.42	12.80	10.08	4.49	6.97	4.13	2.64	1.54	5.12	0.55	1.25
	mm	313	378	290	325	256	114	177	105	67	39	130		

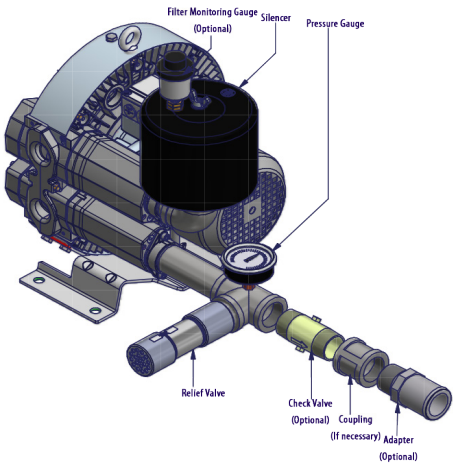
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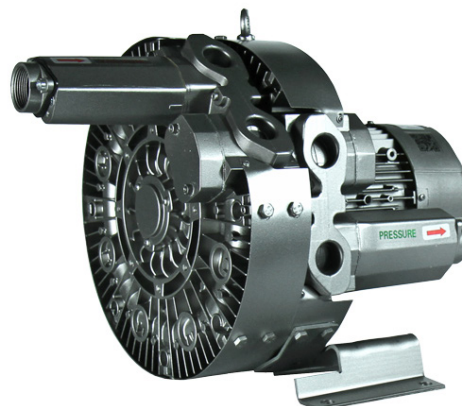


PRESSURE KIT

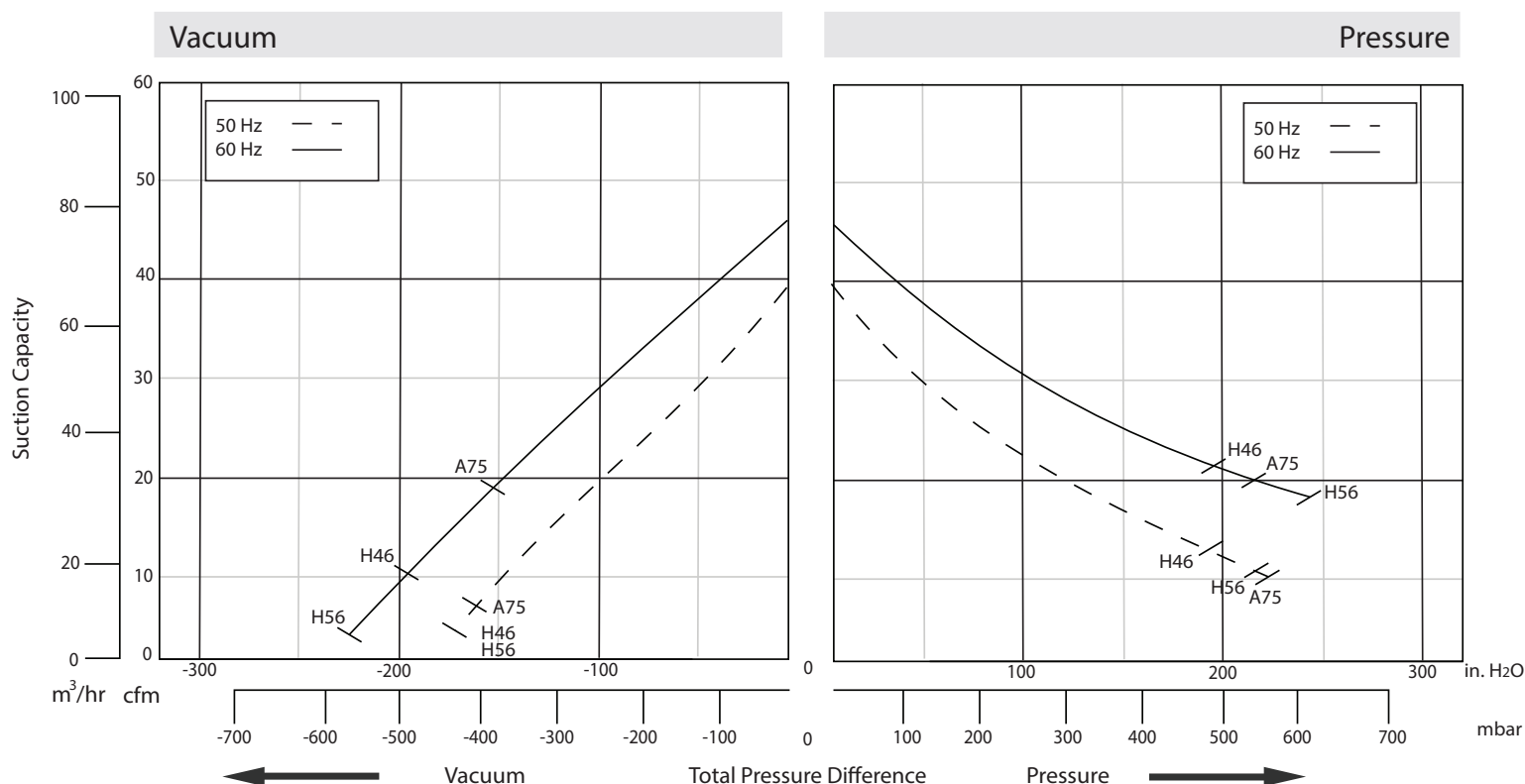


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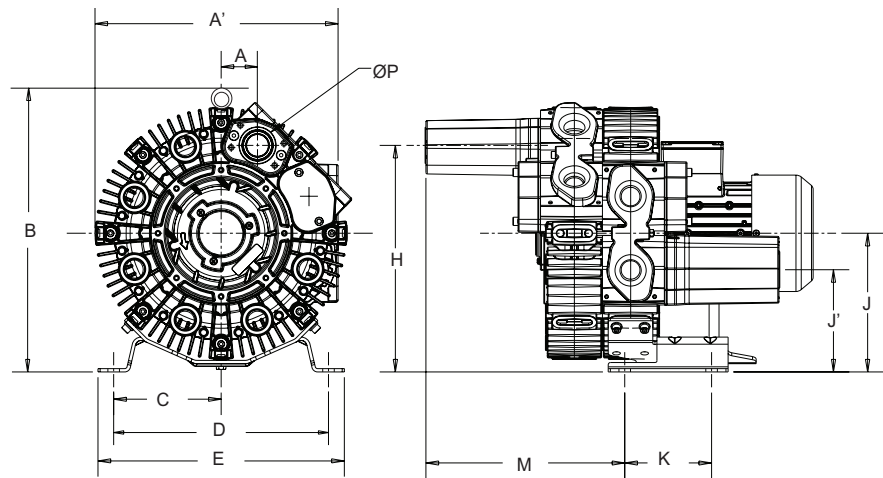
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC320-H46	3	50	38/65	161/400	193/480	1.5/1.1	190 YY/380 Y	5.4 YY/3.1 Y	63	71/32
		60	45/76	193/480	193/480	1.7/1.3	230 YY/460 Y	5.4 YY/3.1 Y		
4RC320-H56	3	50	38/65	177/440	217/540	2.0/1.5	190 YY/380 Y	7.5 YY/4.3 Y	63	75/34
		60	45/76	225/560	241/600	2.3/1.7	230 YY/460 Y	7.6 YY/4.4 Y		
4RC320-A75	1	50	38/65	161/400	221/550	2.0/1.5	230	9.7	63	79/36
		60	45/76	157/390	217/540	2.3/1.7	115/230	20.6/10.3		

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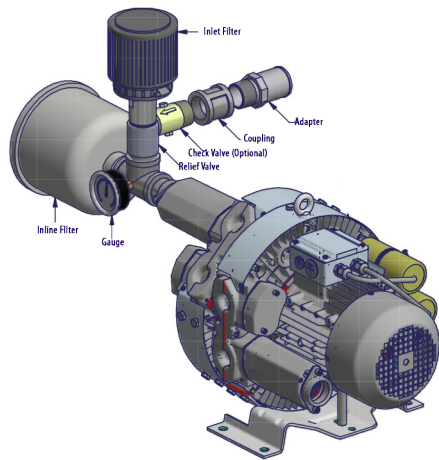


Model	Unit	A	A'	B	C	D	E	H	J	J'	K	M	ØP
4RC320	in	1.85	13.03	14.96	4.49	4.09	12.80	11.46	6.97	5.12	4.13	9.57	1.25
	mm	47	331	380	114	104	325	291	177	130	105	243	

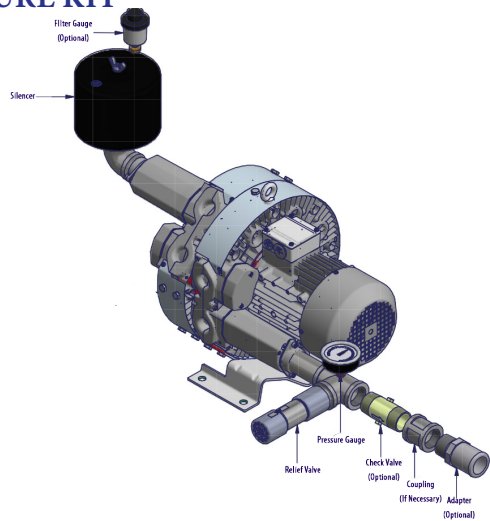
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VACUUM KIT



PRESSURE KIT

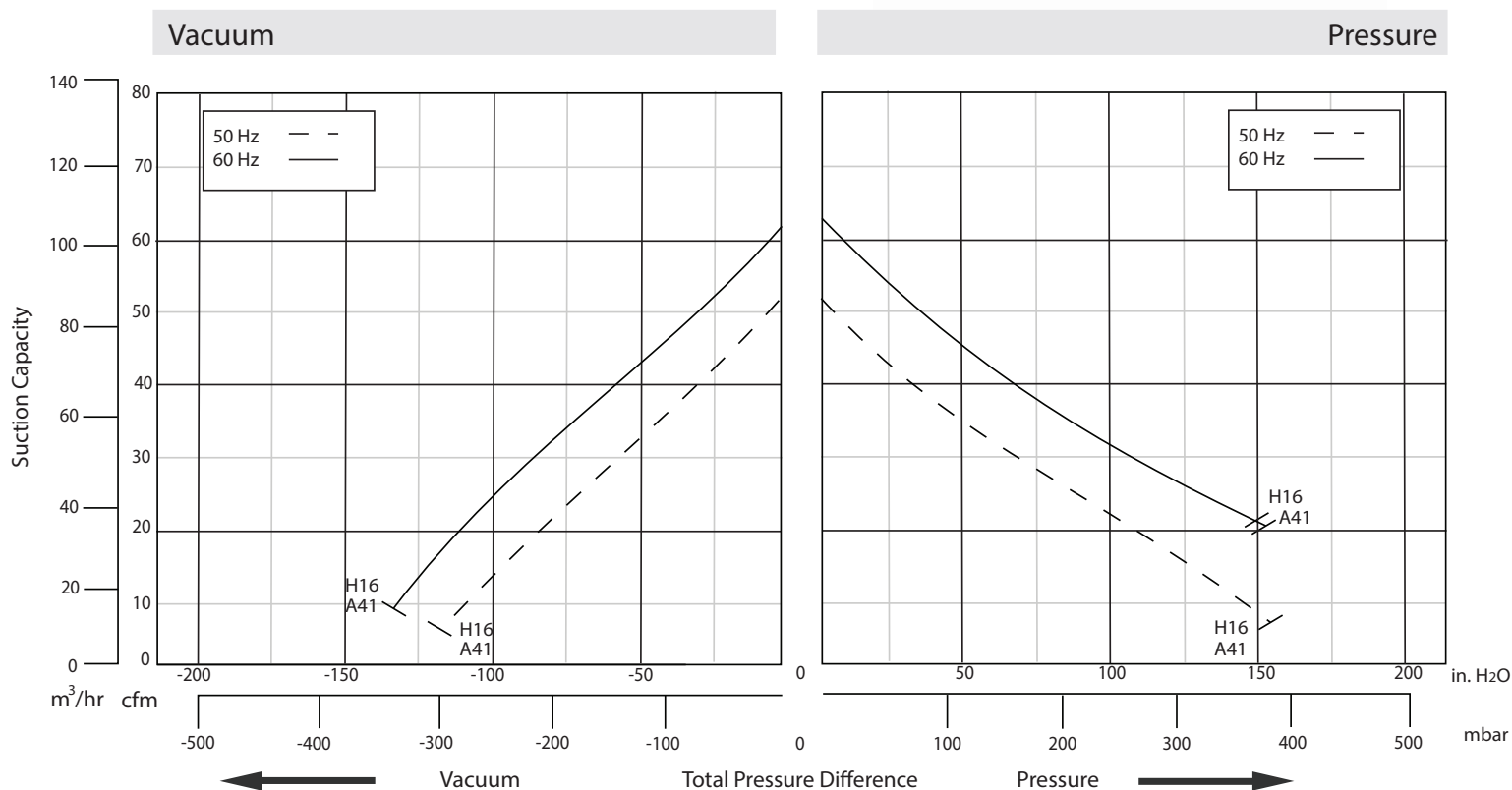


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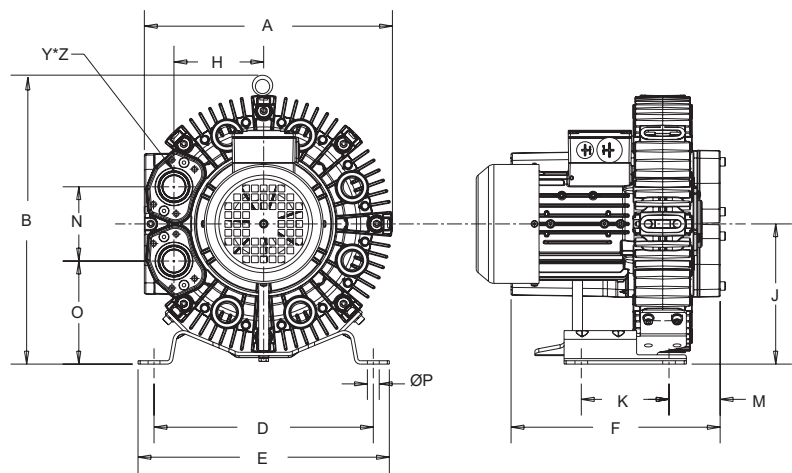
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC410-H16	3	50	51/87	120/300	153/380	1.5/1.1	190 YY/380 Y	6.2 YY/3.1 Y	62	57/26
		60	62/105	137/340	149/370	1.7/1.3	230 YY/460 Y	5.4 YY/3.1 Y		
4RC410-A41	1	50	51/87	120/300	153/380	1.5/1.1	200-240	10.1	62	57/26
		60	62/105	141/350	157/390	1.7/1.3	115/230	20.6/10.3		

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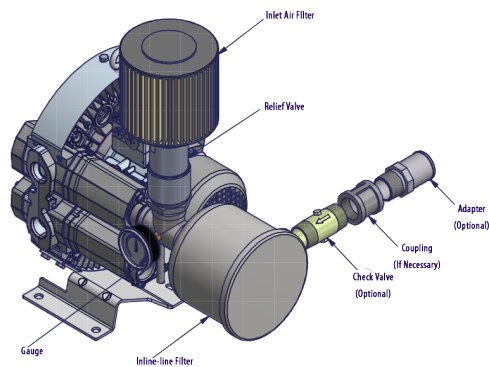


Model	Unit	A	B	D	E	F	H	J	K	M	N	O	ØP	Y*Z
4RC410	in	13.62	16.26	12.40	13.78	10.24	4.92	7.68	5.12	2.60	1.50	5.63	0.55	1.25
	mm	346	413	315	350	260	125	195	130	66	38	143		

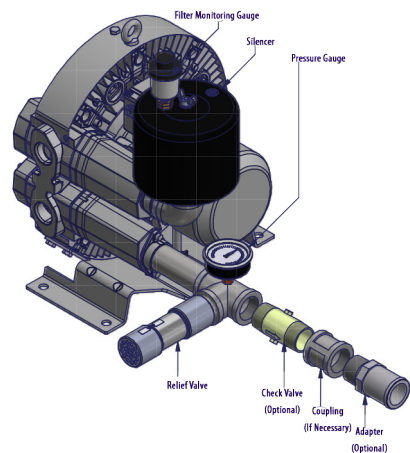
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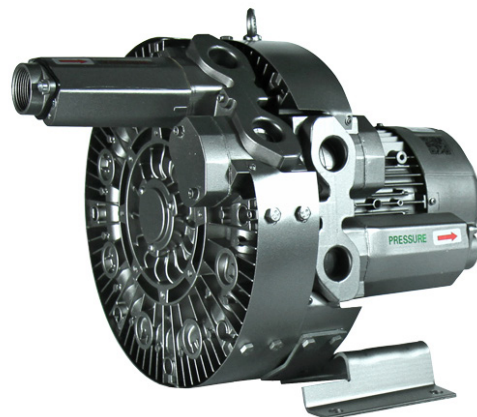


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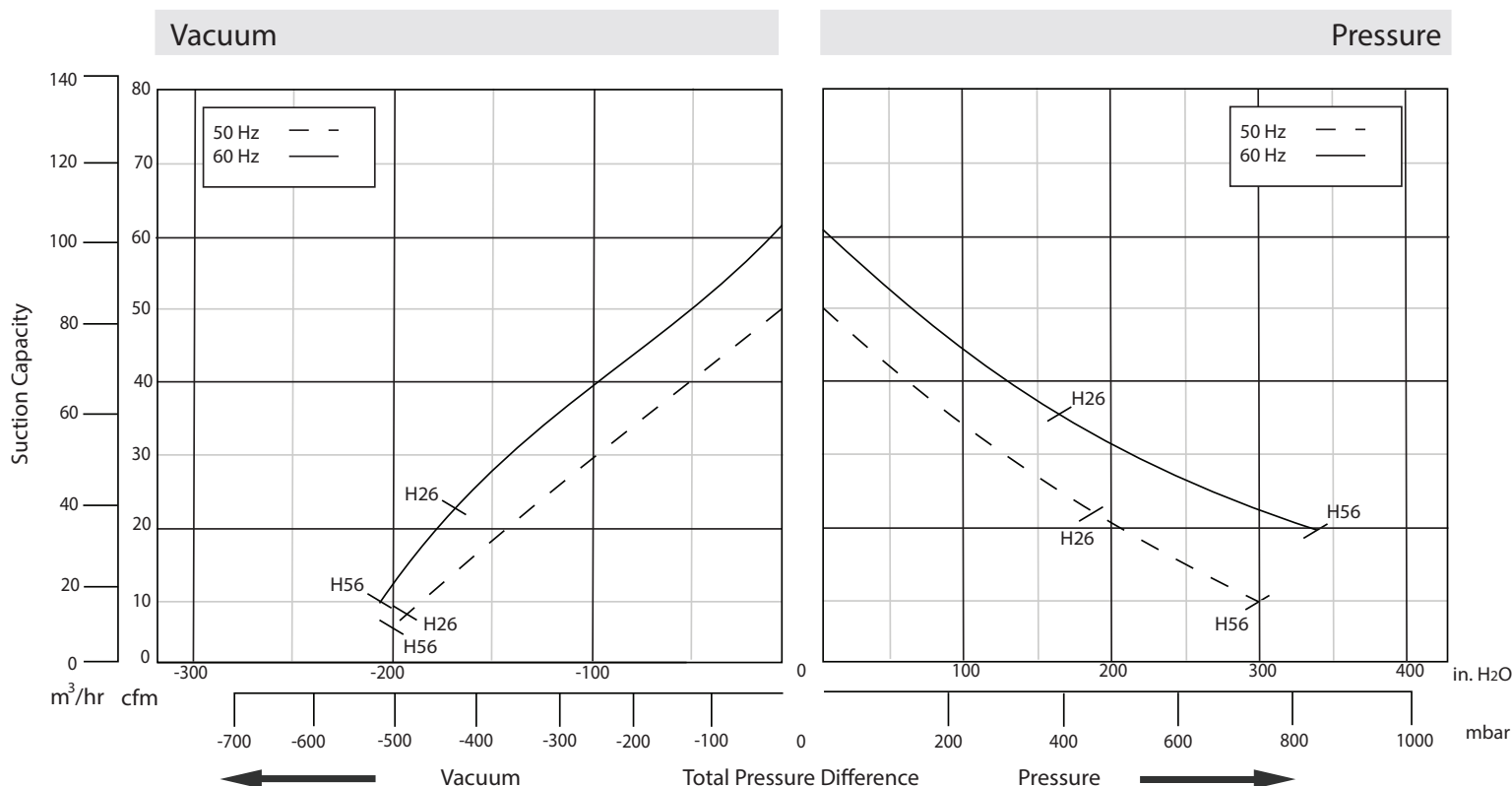


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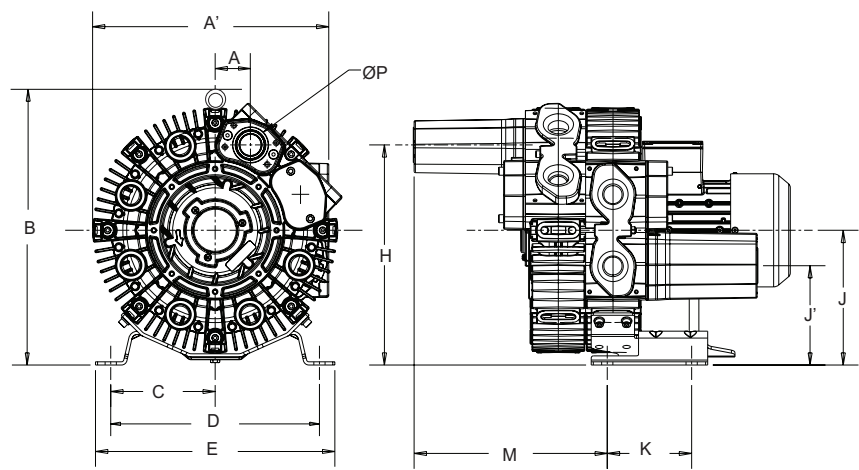
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC420-H26	3	50	51/87	193/480	181/450	2.0/1.5	190 YY/380 Y	7.5 YY/4.3 Y	66	82/37
		60	62/105	173/430	165/410	2.3/1.7	230 YY/460 Y	7.6 YY/4.4 Y		
4RC420-H56	3	50	51/87	201/500	301/750	4.4/3.3	190 YY/380 Y	13.0 YY/7.5 Y	66	95/43
		60	62/105	205/510	341/850	5.1/3.8	230 YY/460 Y	13.8 YY/8.0 Y		

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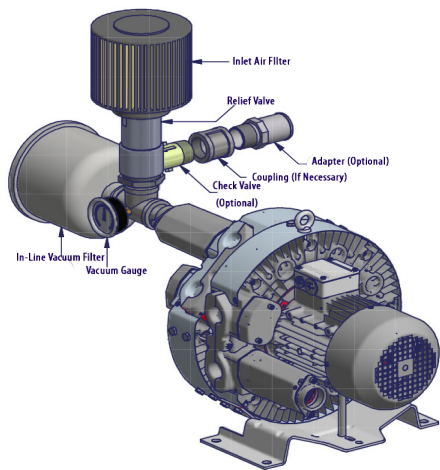


Model	Unit	A	A'	B	C	D	E	H	J	J'	K	M	ØP
4RC420	in	2.05	14.29	16.30	4.92	5.12	13.78	12.56	7.68	5.63	5.12	9.57	1.25
	mm	52	363	414	125	130	350	319	195	143	130	243	

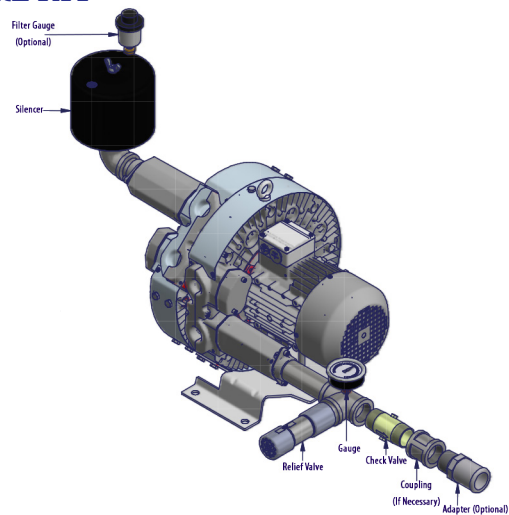
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VACUUM KIT



PRESSURE KIT

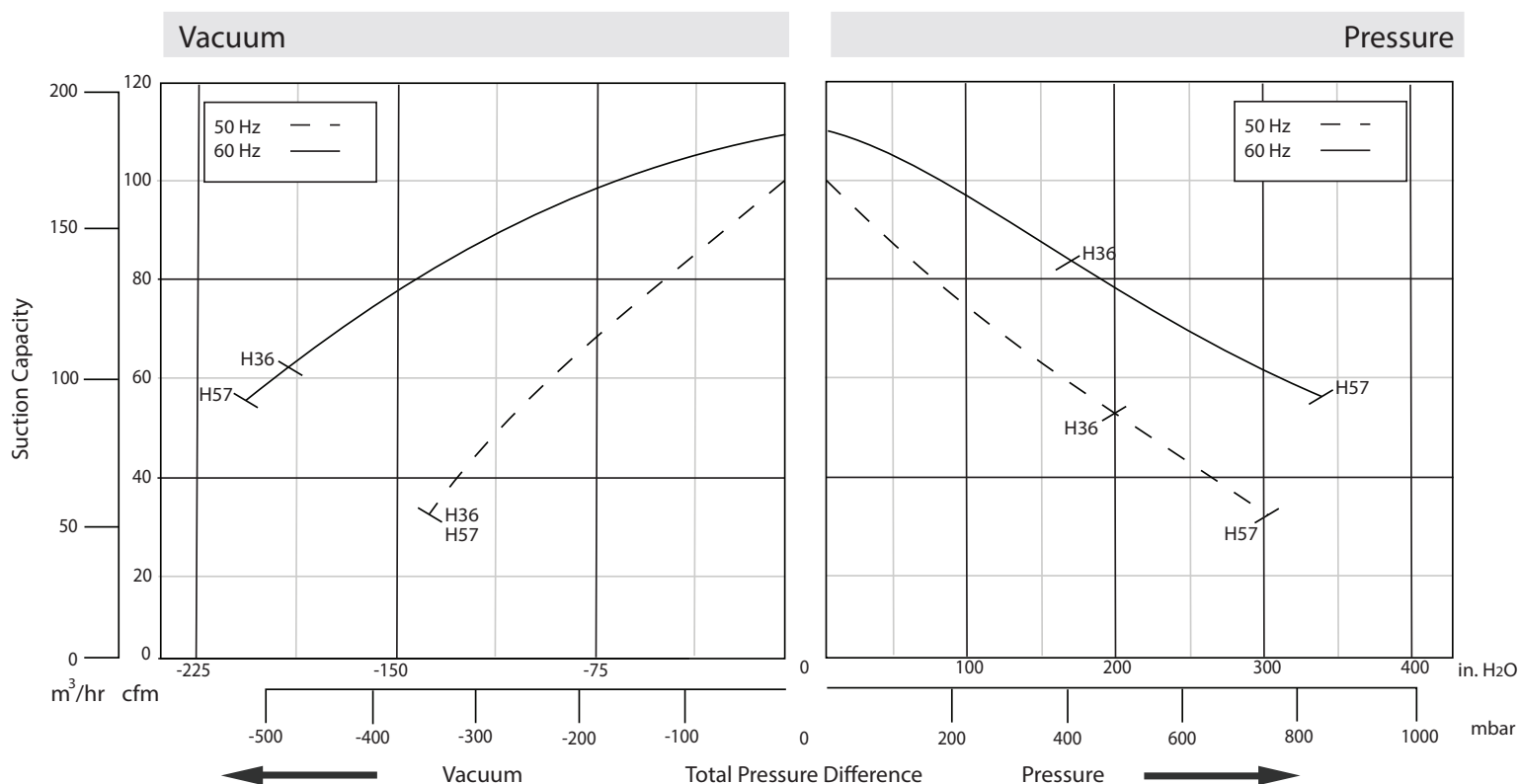


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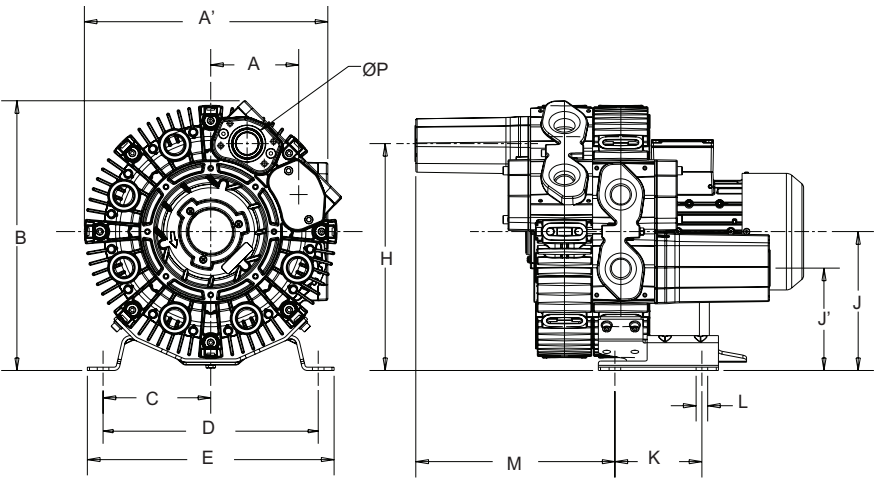
PERFORMANCE



Model	Phase	Frequency (Hz)	Air flow (CFM/m³/hr)	Rated Vacuum (in. H ₂ O/mbar)	Rated Pressure (in. H ₂ O/mbar)	Motor (HP/kW)	Voltage (V)	Current (A)	Sound Level (dB)	Weight (lb/kg)
4RC620-H36	3	50	97/165	185/460	201/500	4.4/3.3	190 YY/380 Y	15.0 YY/7.5 Y	71	106/48
		60	115/195	193/480	169/420	5.1/3.8	230 YY/460 Y	14.2 YY/8.2 Y		
4RC620-H57	3	50	97/165	185/460	297/740	7.6/5.7	190 △△/380 △	21.7 △△/12.5 △	72	144/65
		60	115/195	209/520	337/840	8.8/6.6	230 △△/460 △	20.8 △△/12.4 △		

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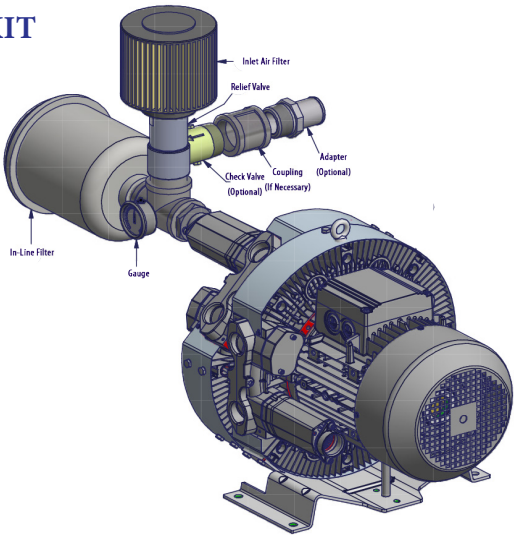


Model	Unit	A	A'	B	C	D	E	H	J	J'	K	L	M	ØP
4RC620	in	6.02	16.43	17.68	7.30	14.61	15.98	15.27	9.27	6.86	5.98	0.55	10.16	1.25
	mm	160	417	449	185	371	406	388	235	174	152	14	258	

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