



AIR COMPRESSORS • VACUUM PUMPS

Rotary Vane

Gast Rotary Vane air compressors and vacuum pumps are used in thousands of applications worldwide. Available in oilless, lubricated, motor-mounted, and separate drive styles, they offer a wide choice of capabilities including air flow from .31 to 112 cfm* (0,53 to 190 m³/h), vacuum up to 28 in. Hg (65 mbar), and pressure up to 25 psig (1,7 bar), also available are dual function styles. Electric motors are dual frequency, multi-voltage AC for worldwide applications, with smallest models rated 12 and 24 volts DC. Horsepowers range from 1/45 to 15 HP* (0,02 to 11 kW). Vacuum tank systems come in simplex and duplex variations, with tank sizes ranging from 2 to 60 gallons. A complete line of recommended accessories is also available.

*Special models for soil sparging, not shown on chart – Contact Distributor or Factory.

Performance

- Pressure to 25 psig (1,7 bar)
- Vacuum to 28" Hg (65 mbar)
- Air flow to 112 cfm (190 m³/h)

Features

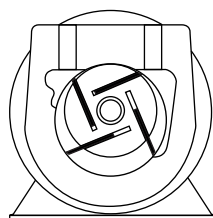
- Oilless or Lubricated Models
- Easy Serviceability
- Low Vibration
- Pulse-Free Air Delivery
- Quiet
- Long, Service-Free Life

Typical Applications

- Breathing Air Supply
- Circulation Therapy
- Packaging
- Graphic Arts
- Pond Aeration
- Vacuum Hold-Down
- Air Sampling
- Office/Business Machines
- Food Processing Equipment
- Laboratory Use
- Soil Sparging
- Vacuum Forming
- Air Bearings

MODEL/ SERIES	POWER RATING @ 60 Hz		FREE AIR FLOW				MAXIMUM PRESSURE		MAXIMUM VACUUM	
			cfm		m³/h					
	hp	kW	50 Hz	60 Hz	50 Hz	60 Hz	psi	bar	" Hg	mbar
0332 24V BLDC	—	—	.4		0,68		9	0,6	15	505
•0533	1/15	0,05	.5	.6	0,85	1,0	15	1,0	20	335
•1033	1/10	0,07	.9	1.1	1,53	1,9	15	1,0	20	335
0531-1531	1/15-1/10	0,05-0,07	.5-1.25	.6-1.5	0,85-2,12	1,0-2,5	15	1,0	20	335
1531 24V BLDC	1/10	0,07	1.7		2,9		10	0,7	25	167
•1034	.18	0,13	—	1.6	—	2,7	10	0,7	20	335
•1534	.18	0,13	—	2.2	—	3,7	10	0,7	20	335
0532	1/15	0,05	.29	.6	0,49	1,0	15	1,0	20	335
1032	1/15	0,05	.92	1.1	1,56	1,9	10	0,7	20	335
1532	1/10	0,07	1.3	1.5	2,2	2,5	10	0,7	20	335
2032	1/8	0,09	2.0	2.4	3,4	4,1	10	0,7	26	133
3032	1/6	0,12	2.4	2.6	4,1	4,4	10	0,7	26.5	116
0211	1/6	0,12	1.1	1.3	1,9	2,2	20	1,4	20	335
0323-1423 (5 models)	1/4-3/4	0,19-0,56	2.7-11.5	3.2-13	4,6-19,5	5,4-22	10	0,7	26.5	116
•0240-0740	1/4-1/3	0,19-0,25	1.5-4.9	1.9-6.0	2,5-8,3	3,2-10	10	0,7	20	335
•0465	1/4	0,19	3.4	4.0	5,8	6,8	—	—	28	65
•0765	1/3	0,25	5.0	6.0	8,5	10	—	—	28	65
•1550	3/4	0,56	11.5	14.5	19,5	24,7	15	1,0	20	335
•1065-2565	1/2-1 1/2	0,37-1,1	7.3-16.5	8.5-21	12-28	14,4-35,7	25	1,7	28	65
•2067-2567	1-1 1/2	0,75-1,1	13-17	17-21	22-29	29-35,7	25	1,7	28	65
1070	1	0,75	11	14	19	23,7	15	1,0	25	167
2070	2	1,5	16	20	27	34	15	1,0	25	167
•2080-4080	2-5	1,5-3,7	20-37	25-45	34-63	42-76	15	1,0	25	167
•3040	1 1/2-5	1,1-3,7	31	40	53	68	10	0,7	20	335
•4565	3	2,2	36	47.5	61	80,1	15	1,0	25	167
•5565	3	2,2	45	55	76	93,5	—	—	25	167
•6066	5	3,7	45	55	76	93,5	15	1,0	25	167

•=Separate drive model



Sliding, flat vanes in an eccentric-mounted rotor are flung outward against the bore of the pump to generate pressure and vacuum in a rotary vane pump.

