

Paletas Rotatorias
VARIAIR

Bombas de vacío secas – 2.8 a 353 CFM, 27 in.HgV máx.

Compresores secos – 2.8 a 353 CFM, 25 PSIG máx.

Unidades combinadas de vacío / presión

– 11 a 173 CFM, 18 in.Hg/9 PSIG

Bombas de vacío lubricadas – 4.6 a 440 CFM, 2 torr o 0.4 torr presión máx.

Bombas de vacío secas Variair® – 12 a 173 CFM, 27 in.HgV máx.

Compresores secos Variair® – 12 a 173 CFM, 25 PSIG máx.

Bombas de vacío secas – 2.8 to 353 CFM, 27 in.HgV máx.

Compresores secos – 2.8 to 353 CFM, 25 PSIG máx.

Unidades combinadas de vacío / presión – 11 to 173 CFM, 18 in.Hg/9 PSIG

Serie-X: Garantiza una vida útil en la paletas por 20,000 horas / 3 años
Compresores de Tornillo Secos
VARIAIR

VARIAIR

VADS1500 (Variair Direct Screw)
Bombas de vacío Variair® – 460 a 840 CFM, 24 in.HgV máx.

Compresores Variair® – 460 a 840 CFM, 15 PSIG máx.

VADS250 (Variair Direct Spindle) – 174 CFM máx., <0.075 torr presión máx.

Sistemas de Vacío Central

Advantage-D – Sistemas 100% secos- 27" Hg máx.

Advantage-L – Sistemas lubricados con aceite- 2 torr abs.

Advantage-P – Laboratory auto-purge central vacuum systems

Advantage-X – Estos sistemas son 100% libres de aceite e tienen 4 años de garantía

Advantage-W – Diseñados específicamente para las necesidades de la industria maderera y otras aplicaciones que requieren la sujeción con vacío en las mesas de corte CNC.

Sopladores Regenerativos
VARIAIR
VARIAIR

Sopladores para vacío de 1 y 2 etapas –

 29 a 736 CFM, 171 in.H₂O vacío máx.

Sopladores para presión de 1 y 2 etapas –

 29 a 736 CFM, 236 in. H₂O presión máx.

Sopladores para vacío o presión de 1 y 2 etapas de velocidad variable -Variair® –

 Tanto como 460 CFM, 181 in.H₂O vacío máx.; 250 in. H₂O presión máx.

Sopladores para vacío enfriados por agua de 1 y 2 etapas de velocidad variable -Variair® –

Tanto como 400 CFM, 28 in.HgV máx; 18 PSIG máx.

Accesorios

Eductores
Aceite para bombas de vacío
Medidores de presión absoluta
Filtros separadores secos / líquidos ...
... y mas
Ventas y Servicio: En los Estados Unidos, Canadá, México, Centro y Sur América 888-633-1083

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Nota: Estos datos son representativos. El rendimiento específico puede ser diferente según la aplicación. Consulte a la planta para diseños específicos o curvas de operación.

VARIAIR es la tecnología inteligente patentada exclusiva de Becker Pumps Corp.



Equivalente de la Presión															
Torr (mmHg)	In.HgA (°HgA)	mbar	Pascals (Pa./N/m²)	Hectopascals hPa	Kilopascal kPa	PSIA	Bar	Atm.	Micron (µ. millítor)	In.HgV (°HgV)	-PSIG	mbar (mbarV)	% Vacuum	In.H2O (°WG)	ft.H2O (°WG)
Presiones Absoluta										Presiones Relativa					
Presión Atmosférica															
760	29.9213	1013.25	101325	1013.25	101.325	14.6956	1.01325	1	760000	0	0	0	0	0	0
750	29.528	999.92	99991.78	999.92	99.99	14.502	1	0.99	750000	0.394	-0.193	13.332	1.316	5.353	0.446
725	28.543	966.59	96658.72	966.59	96.66	14.019	0.967	0.95	725000	1.378	-0.677	46.663	4.605	18.734	1.561
700	27.559	933.26	93325.66	933.26	93.33	13.535	0.933	0.92	700000	2.362	-1.160	79.993	7.895	32.116	2.676
675	26.575	899.93	89992.6	899.93	89.99	13.052	0.9	0.89	675000	3.346	-1.644	113.324	11.184	45.497	3.791
650	25.591	866.6	86659.54	866.6	86.66	12.569	0.867	0.86	650000	4.331	-2.127	146.655	14.474	58.879	4.907
625	24.606	833.26	83326.48	833.26	83.33	12.085	0.833	0.82	625000	5.315	-2.610	179.985	17.763	72.261	6.022
600	23.622	799.93	79993.42	799.93	79.99	11.602	0.8	0.79	600000	6.299	-3.094	213.316	21.053	85.642	7.137
575	22.638	766.6	76660.36	766.6	76.66	11.118	0.767	0.76	575000	7.283	-3.577	246.646	24.342	99.024	8.252
550	21.654	733.27	73327.3	733.27	73.33	10.635	0.733	0.72	550000	8.267	-4.061	279.977	27.632	112.405	9.367
525	20.669	699.94	69994.24	699.94	69.99	10.152	0.7	0.69	525000	9.252	-4.544	313.308	30.921	125.787	10.482
500	19.685	666.61	66661.18	666.61	66.66	9.668	0.667	0.66	500000	10.236	-5.027	346.638	34.211	139.168	11.597
475	18.701	633.28	63328.13	633.28	63.33	9.185	0.633	0.63	475000	11.222	-5.511	379.969	37.7	152.55	12.713
450	17.717	599.95	59995.07	599.95	59.99	8.702	0.6	0.59	450000	12.204	-5.994	413.299	40.789	165.932	13.828
425	16.732	566.62	56662.01	566.62	56.66	8.218	0.567	0.56	425000	13.188	-6.478	446.63	44.079	179.313	14.943
400	15.748	533.29	53328.95	533.29	53.33	7.735	0.533	0.53	400000	14.173	-6.961	479.961	47.368	192.695	16.058
390	15.354	519.96	51995.72	519.96	51.99	7.541	0.52	0.51	390000	14.566	-7.154	493.293	48.684	198.047	16.504
380	14.961	506.63	50662.5	506.63	50.66	7.348	0.507	0.5	380000	14.96	-7.348	506.625	50	203.4	16.95
370	14.567	493.29	49329.28	493.29	49.33	7.154	0.493	0.49	370000	15.354	-7.541	519.957	51.316	208.753	17.396
360	14.173	479.96	47996.05	479.96	47.99	6.961	0.48	0.47	360000	15.747	-7.735	533.289	52.632	214.105	17.842
350	13.78	466.63	46663.83	466.63	46.66	6.768	0.467	0.46	350000	16.141	-7.928	546.622	53.947	219.458	18.288
340	13.386	453.3	45329.61	453.3	45.33	6.574	0.453	0.45	340000	16.535	-8.121	559.954	55.263	224.811	18.734
330	12.992	439.96	43996.38	439.96	43.99	6.381	0.44	0.43	330000	16.928	-8.315	573.286	56.579	230.163	19.18
320	12.598	426.63	42663.16	426.63	42.66	6.188	0.427	0.42	320000	17.322	-8.508	586.618	57.895	235.516	19.626
310	12.205	413.3	41329.93	413.3	41.33	5.994	0.413	0.41	310000	17.716	-8.701	599.951	59.211	240.868	20.072
300	11.811	399.97	39996.71	399.97	39.99	5.801	0.4	0.39	300000	18.109	-8.895	613.283	60.526	246.221	20.518
290	11.417	386.64	38663.49	386.64	38.66	5.608	0.387	0.38	290000	18.503	-9.088	626.615	61.842	251.574	20.965
280	11.024	373.3	37330.26	373.3	37.33	5.414	0.373	0.37	280000	18.897	-9.281	639.947	63.158	256.926	21.411
270	10.63	359.97	35997.04	359.97	35.99	5.221	0.36	0.36	270000	19.291	-9.475	653.28	64.474	262.279	21.857
260	10.236	346.64	34663.82	346.64	34.66	5.027	0.347	0.34	260000	19.684	-9.668	666.612	65.789	267.632	22.303
250	9.843	333.31	33330.59	333.31	33.33	4.834	0.333	0.33	250000	20.078	-9.862	679.944	67.105	272.984	22.749
240	9.449	319.97	31997.37	319.97	31.99	4.641	0.32	0.32	240000	20.472	-10.055	693.276	68.421	278.337	23.195
230	9.055	306.64	30664.14	306.64	30.66	4.447	0.307	0.3	230000	20.865	-10.248	706.609	69.737	283.689	23.641
220	8.661	293.31	29330.92	293.31	29.33	4.254	0.293	0.29	220000	21.259	-10.442	719.941	71.053	289.042	24.087
210	8.268	279.98	27997.7	279.98	27.99	4.061	0.28	0.28	210000	21.653	-10.635	733.273	72.368	294.395	24.533
200	7.874	266.64	26664.47	266.64	26.66	3.867	0.267	0.26	200000	22.046	-10.828	746.605	73.684	299.747	24.979
190	7.48	253.31	25331.25	253.31	25.33	3.674	0.253	0.25	190000	22.44	-11.022	759.938	75	305.1	25.425
180	7.087	239.98	23998.03	239.98	23.99	3.481	0.24	0.24	180000	22.834	-11.215	773.27	76.316	310.453	25.871
170	6.693	226.65	22664.8	226.65	22.66	3.287	0.227	0.22	170000	23.227	-11.408	786.602	77.632	315.805	26.317
160	6.299	213.32	21331.58	213.32	21.33	3.094	0.213	0.21	160000	23.621	-11.602	799.934	78.947	321.158	26.763
150	5.906	199.98	19998.36	199.98	19.99	2.9	0.2	0.2	150000	24.015	-11.795	813.266	80.263	326.511	27.209
140	5.512	186.65	18665.13	186.65	18.66	2.707	0.187	0.18	140000	24.408	-11.989	826.599	81.579	331.863	27.655
130	5.118	173.32	17331.91	173.32	17.33	2.514	0.173	0.17	130000	24.802	-12.182	839.931	82.895	337.216	28.101
120	4.724	159.99	15998.68	159.99	15.99	2.32	0.16	0.16	120000	25.196	-12.375	853.263	84.211	342.568	28.547
100	3.937	133.32	13332.24	133.32	13.33	1.934	0.133	0.13	100000	25.983	-12.762	879.928	86.842	353.274	29.44
95	3.74	126.66	12666.63	126.66	12.66	1.837	0.127	0.13	95000	26.18	-12.859	886.594	87.5	355.95	29.663
90	3.543	119.99	11999.01	119.99	11.99	1.74	0.12	0.12	90000	26.377	-12.955	893.26	88.158	358.626	29.886
85	3.346	113.32	11332.4	113.32	11.33	1.644	0.113	0.11	85000	26.574	-13.052	899.926	88.816	361.303	30.109
80	3.15	106.66	10666.79	106.66	10.66	1.547	0.107	0.11	80000	26.771	-13.149	906.592	89.474	363.979	30.332
75	2.953	99.99	9999.18	99.99	9.99	1.45	0.1	0.1	75000	26.967	-13.245	913.258	90.132	366.655	30.555
70	2.756	93.33	9332.57	93.33	9.33	1.354	0.093	0.09	70000	27.164	-13.342	919.924	90.789	369.332	30.778
65	2.559	86.66	8666.95	86.66	8.66	1.257	0.087	0.09	65000	27.361	-13.439	926.59	91.447	372.008	31.001
60	2.362	79.99	7999.34	79.99	7.99	1.16	0.08	0.08	60000	27.558	-13.535	933.257	92.105	374.684	31.224
55	2.165	73.33	7332.73	73.33	7.33	1.063	0.073	0.07	55000	27.755	-13.632	939.923	92.763	377.361	31.447
50	1.969	66.66	6666.12	66.66	6.66	0.967	0.067	0.07	50000	27.952	-13.729	946.589	93.421	380.037	31.67
45	1.772	60	5999.51	60	6	0.87	0.06	0.06	45000	28.148	-13.825	953.255	94.079	382.713	31.893
40	1.575	53.33	5332.89	53.33	5.33	0.773	0.053	0.05	40000	28.345	-13.922	959.921	94.737	385.389	32.116
35	1.378	46.66	4666.28	46.66	4.66	0.677	0.047	0.05	35000	28.542	-14.019	966.587	95.395	388.066	32.339
30	1.181	40	3999.67	40	4	0.58	0.04	0.04	30000	28.739	-14.116	973.253	96.053	390.742	32.562
25	0.984	33.33	3333.06	33.33	3.33	0.483	0.033	0.03	25000	28.936	-14.212	979.919	96.711	393.418	32.785
24	0.945	32	3199.74	32	3.2	0.464	0.032	0.03	24000	28.975	-14.232	981.253	96.842	393.954	32.83
23	0.906	30.66	3066.41	30.66	3.07	0.445	0.031	0.03	23000	29.015	-14.251	982.586	96.974	394.489	32.874
22	0.866	29.33	2933.09	29.33	2.93	0.425	0.029	0.03	22000	29.054	-14.270	983.919	97.105	395.024	32.919
21	0.827	28	2799.77	28	2.8	0.406	0.028	0.03	21000	29.093	-14.290	985.252	97.237	395.559	32.963
20	0.787	26.66	2666.45	26.66	2.67	0.387	0.027	0.03	20000	29.133	-14.309	986.586	97.368	396.095	33.008
19	0.748	25.33	2533.13	25.33	2.53	0.367	0.025	0.03	19000	29.172	-14.328	987.919	97.5	396.63	33.053
18	0.709	24	2399.8	24	2.4	0.348	0.024	0.02	18000	29.211	-14.348	989.252	97.632	397.165	33.097
17	0.669	22.66	2266.48	22.66	2.27	0.329	0.023	0.02	17000	29.251	-14.367	990.585	97.763	397.701	33.142
16	0.63	21.33	2133.16	21.33	2.13	0.309	0.021	0.02	16000	29.29	-14.386	991.918	97.895	398.236	33.186
15	0.591	20	1999.84	20	2	0.29	0.02	0.02	15000	29.329	-14.406	993.252	98.026	398.771	33.231
14	0.551	18.67	1866.51	18.67	1.87	0.271	0.019	0.02	14000	29.369	-14.425	994.585	98.158	3	