

## Reciprocating Compressors

### SINGLE STAGE LOW PRESSURE COMPRESSORS (2 - 8 kg/cm<sup>2</sup>)

MODEL	MOTOR		NO. OF CYL.	RPM	RECEIVER		MAX. PRESSURE		PISTON DISPL		
	HP	KW			CFT.	LTRS.	PSIG	KG/CM <sup>2</sup>	CFM	M <sup>3</sup> /M	LTR/MIN
ALC 11	1.0	0.75	1	600	2.50	70	125	8.78	4.12	0.117	117
ALC 13	3.0	2.20	2	960	5.30	150	125	8.78	13.75	0.389	389
ALC 35	2.0	1.50	2	460	5.30	150	80	5.62	10.35	0.293	293
ALC 35	3.0	2.20	2	675	5.30	150	80	5.62	15.18	0.430	430
ALC 44	5.0	3.70	2	660	7.95	225	80	5.62	26.50	0.750	750
ALC 44	7.5	5.50	2	865	7.95	225	80	5.62	34.64	0.980	980
ALC 55	7.5	5.50	2	505	8.83	250	80	5.62	40.00	1.130	1130
ALC 55	10.0	7.50	2	660	8.83	250	80	5.62	52.50	1.485	1485
ALC 7S	10.0	7.50	2	750	10.80	300	60	4.21	68.10	1.928	1928
ALC 7S	12.5	9.30	2	900	10.80	300	60	4.21	81.75	2.315	2315
ALC 5S	15.0	11.00	3	700	17.66	500	60	4.21	95.40	2.700	2700
ALC 5S	20.0	15.00	3	900	17.66	500	60	4.21	122.65	3.470	3470

### TWO STAGE MEDIUM PRESSURE COMPRESSORS (7 - 17.5 kg/cm<sup>2</sup>)

MODEL	MOTOR		NO. OF CYL.	RPM	RECEIVER		MAX. PRESSURE		PISTON DISPL		
	HP	KW			CFT.	LTRS.	PSIG	KG/CM <sup>2</sup>	CFM	M <sup>3</sup> /M	LTR/MIN
ALC 34	2.0	1.50	2	675	5.30	150	175	12.30	7.60	0.210	210
ALC 34	3.0	2.20	2	960	5.30	150	175	12.30	10.80	0.305	305
ALC 40	3.0	2.20	2	1000	5.30	150	175	12.30	11.25	0.318	318
ALC 42	5.0	3.70	2	865	7.95	225	175	12.30	17.32	0.490	490
ALC 42	7.5	5.50	2	1000	7.95	225	175	12.30	20.00	0.570	570
ALC 75	7.5	5.50	2	1100	7.95	225	175	12.30	22.00	0.622	622
ALC 53	7.5	5.50	2	660	8.83	250	175	12.30	26.23	0.740	740
ALC 53	10.0	7.50	2	660	8.83	250	250	17.50	26.23	0.740	740
ALC 45	7.5	5.50	2	750	8.83	250	175	12.30	29.81	0.843	843
ALC 45	10.0	7.50	2	950	8.83	250	175	12.30	37.80	1.070	1070
ALC 1T2	10.0	7.50	2	725	10.60	300	175	12.30	40.00	1.130	1130
ALC 1T2	12.5	9.30	2	900	10.60	300	175	12.30	49.50	1.400	1400
ALC 1T2	12.5	9.30	2	800	10.60	300	250	17.50	44.00	1.245	1245
ALC 1T2	15.0	11.00	2	1000	10.60	300	175	12.30	55.00	1.560	1560
ALC 5T	15.0	11.00	3	700	17.66	500	175	12.30	63.50	1.800	1800
ALC 5T	20.0	15.00	3	900	17.66	500	175	12.30	81.80	2.310	2310
ALC 50T2	25.0	18.50	3	800	17.66	500	250	17.50	87.94	2.490	2490
ALC 50T2	25.0	18.50	3	900	17.66	500	175	12.30	99.00	2.800	2800
ALC 50T2	30.0	22.00	3	1000	17.66	500	175	12.30	110.00	3.100	3100

### MULTI STAGE HIGH PRESSURE COMPRESSORS (17 - 70.30 kg/cm<sup>2</sup>)

MODEL	MOTOR		NO. OF CYL.	RPM	RECEIVER		MAX. PRESSURE		PISTON DISPL		
	HP	KW			CFT.	LTRS.	PSIG	KG/CM <sup>2</sup>	CFM	M <sup>3</sup> /M	LTR/MIN
ALC 31	3.0	2.20	2	675	5.30	150	500	35.15	7.60	0.210	210
ALC 7T2	7.5	5.50	2	530	10.60	300	500	35.15	24.00	0.680	680
ALC 7T2	10.0	7.50	2	710	10.60	300	500	35.15	32.25	0.920	920
ALC 7T2	12.5	9.30	2	800	10.60	300	500	35.15	36.36	1.030	1030
ALC 5T2	15.0	11.00	3	760	17.66	500	500	35.15	41.80	1.180	1180
ALC 5T2	15.0	11.00	3	650	17.66	500	1000	70.30	35.75	1.010	1010
ALC 5T2	20.0	15.00	3	900	17.66	500	500	35.15	49.50	1.400	1400
ALC 5T2	20.0	15.00	3	900	17.66	500	600	42.18	49.50	1.400	1400
ALC 5T2	20.0	15.00	3	900	17.66	500	800	56.25	49.50	1.400	1400
ALC 5T2	20.0	15.00	3	875	17.66	500	1000	70.30	48.00	1.360	1360
ALC 05	15.0	11.00	3	600	17.66	500	375	26.36	55.00	1.560	1560
ALC 05	20.0	15.00	3	750	17.66	500	375	26.36	68.00	1.930	1930



#### USER INDUSTRIES

Air Jet Cleaning, Diaries, Spray Painting, Chemical Plants, Oil Extraction, Agriculture, Air Lift Pumps, Plastic Processing Units, Clay & Potteries, Food, etc.



#### USER INDUSTRIES

Pneumatic Press, Road Building Machines, Ceramic, Pneumatic Tools, Ore Processing, Rubber Factories, Steel Fabrication, Automobiles, Foundries, Textiles, Pharmaceuticals, Service Stations, etc.



#### USER INDUSTRIES

Pet Bottling, Air Blast Circuit Breakers, Pharmaceuticals, Gas Transmission & Distribution, Defence Establishments, Shipyards, Oil Exploration, Pneumatic Testing, Engine Starting, etc.



**AIR LINE**  
COMPRESSOR

**ROTARY SCREW SMALL AND MEDIUM RANGE (7.5 HP To 150 HP)**

MODEL	7 bar		8 bar		10 bar		13 bar		Motor Power HP	Length mm	Width mm	Height mm	Weight kg	Air Connection
	m <sup>3</sup> /min	Delivery CFM	m <sup>3</sup> /min	Delivery CFM	m <sup>3</sup> /min	Delivery CFM	m <sup>3</sup> /min	Delivery CFM						
ALC 7.5	0.85	30	0.76	27	0.65	23	0.51	19	7.5	870	760	1120	286	3/4"
ALC 10	1.19	42	1.10	39	0.96	34	0.79	28	10	870	760	1120	292	3/4"
ALC 15	1.78	63	1.67	59	1.47	52	1.27	45	15	870	760	1120	351	3/4"
ALC 20	2.46	87	2.29	81	1.98	70	1.64	58	20	870	760	1120	489	3/4"
ALC 25	3.17	112	2.95	104	2.55	90	2.12	75	25	1470	1115	1175	504	1 1/4"
ALC 30	3.68	130	3.43	121	3.00	106	2.55	90	30	1470	1115	1175	517	1 1/4"
ALC 40	5.07	179	4.76	168	4.16	147	3.60	127	40	1470	1115	1175	610	1 1/2"
ALC 50	6.29	222	5.83	206	5.15	182	4.47	158	50	1450	1600	1480	650	1 1/2"
ALC 60	7.48	264	7.05	249	6.29	222	5.41	191	60	1850	1600	1480	1050	2"
ALC 75	10.00	353	8.61	304	7.70	272	6.63	234	75	1850	1600	1480	1250	2"
ALC 100	13.50	477	12.95	457	11.50	404	9.90	349	100	2340	1740	2000	1760	2 1/2"
ALC 125	16.50	582	15.70	555	13.90	490	11.80	418	125	2340	1740	2000	1890	DN 80
ALC 150	19.60	692	17.80	628	16.30	575	14.30	505	150	2340	1740	2000	2350	DN 80



**USER INDUSTRIES**

Air Jet Cleaning, Diaries, Spray Painting, Chemical Plants, Oil Extraction, Agriculture, Air Lift Pumps, Plastic Processing Units, Clay & Potteries, Food, Pneumatic Press, Road Building Machines, Ceramic, Pneumatic Tools, Ore Processing, Rubber Factories, Steel Fabrication, Automobiles, Foundries, Textiles, Pharmaceuticals, Service Stations, etc.



**SINGLE & TWO STAGE DRY VACUUM PUMPS**

MODEL	MOTOR		VACCUUM INCH	RPM	WGT. Kg.	LEN mm	WDT. mm	HIGHT mm	PISTON DISPL		
	HP	KW							CFM	M <sup>3</sup> /M	LTR/MIN
ALC V35	2.0	1.50	29.0	960	84	740	406	432	21.60	0.610	610
ALC V44	2.0	1.50	29.0	866	145	1042	512	512	34.60	0.980	980
ALC V55	5.0	3.70	29.0	750	194	1067	585	585	59.65	1.700	1700
ALC V7	7.5	5.50	29.0	1000	300	1347	559	740	110.00	3.110	3110
ALC V5	10.00	7.50	29.0	900	398	1372	813	839	148.50	4.200	4200

**USER INDUSTRIES**

Sugar, Vacuum Impregnation, Food Processing, Hospitals & Dental Clinics, Laboratories, Packing, Glass, Dairies, Chemicals, Paper & Printing etc.

**REPLACEMENT SPARES FOR AIR COMPRESSORS**



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