

एन एस आई सी
NSIC



Air MARSHAL®
COMPRESSORS

Air MARSHAL



- ❖ AIR COMPRESSORS
- ❖ SCREW COMPRESSORS
- ❖ OIL FREE COMPRESSORS
- ❖ VACUUM PUMPS
- ❖ AIR DRYERS
- ❖ AUTO DRAIN VALVES
- ❖ FILTERS
- ❖ AIR RECEIVERS
- ❖ AFTER COOLERS



OIL FREE (NON-LUBRICATED) COMPRESSORS

Air MARSHAL[®]
COMPRESSORS



Model No. OF-750



These compressors are useful where 100% oil free air is necessary. Oil is not required in the crankcase of these compressors. Oil free compressors are useful in dental medical, hospitals, laboratory, pharma ceuticals, bio technology, food industries, printing machines. electronics industries CNC & VMC application etc.

Model No	Motor (HP)	Piston Displacement (CFM)	Air Receiver (LITRES)	Pressure (PSIG)
OF-550	0.75	2.7	25	115
OF-750	1.00	3.5	35	115
OF-1100	1.50	5.2	50	115
OF-1500	2.00	7.0	70	115
OF-3000	4.00	14.0	100	115
OF-284	3.00	7.5	160	135
OF-292	5.00	15.0	200	135
OF-303	7.50	21.0	240	135
OF-121T	10.00	32.0	300	135
OF-65T	15.00	45.0	500	135
OF-75T	20.00	60.0	500	135

SINGLE / TWO STAGE DRY VACUUM PUMPS



Vacuum Pumps are useful in paper handling, Liquid transfer, vacuum foaming, food processing, sugar factory, food impregnation, hospitals & dental clinics, laboratories, dairies, chemical industry etc.

Model No.	Motor (HP)	No. of PISTON	Piston Displacement (CFM)	Vacuum (Hg) (INCH)
GC-285V/VT	2.0	2	17.4 / 8.7	29.0 / 29.6
GC-294V/VT	3.0	2	31.0 / 15.5	29.0 / 29.6
GC-305V/VT	5.0	2	52.0 / 26.0	29.0 / 29.6
GC-57V/VT	7.5	2	88.0 / 44.0	29.0 / 29.6
GC-65V/VT	10.0	3	132.0 / 88.0	29.0 / 29.6



Model No. GC-305V

SINGLE STAGE COMPRESSORS



These Single stage low pressure compressors are used in glass ind., chemical ind., instrumentation, process, liquid transfer, spray painting, boiler fuel oil atomisation, water pumping, irrigation, air jet cleaning, dairies, air lift pumps, clay & potteries etc.



Model No. GC-202

Model No.	Motor (HP)	No. of PISTON	Pressure (PSIG)	Piston Displacement (CFM)	Receiver (LITRES)
GC-05	0.5	1	150	2	45
GC-101	1.0	1	150	3.2	70
GC-102	1.0	2	150	4	70
GC-151	1.5	1	150	4.5	70
GC-201	2.0	1	150	6	135
GC-202	2.0	2	150	6.2	135
GC-184SS	3.0	2	150	9	135
GC-285	3.0	2	100	13.2	160
GC-294	5.0 / 7.5	2	80	24.0 / 34.0	200
GC-305	7.5 / 10.0	2	60	36 / 46	240
GC-57S ₂	12.5 / 15.0	2	40	65.8 / 88.0	300
GC-65S ₂	15.0 / 20.0	3	40	99.0 / 132.0	500
GC-65S ₂ D	30.0 / 40.0	3+3	40	198.0 / 264.0	750

CONVERSION : 1 cfm = 28.32 litre / min
1 m³ / min = 35.31 cfm
1 HP = 0.746 kw

1 cfm = 0.0283 m³ / min
1 kg / cm² = 14.22 psig
1 Gallon = 4.535 litre

TWO STAGE COMPRESSORS

AIR MARSHAL[®]
COMPRESSORS



Model No. GC-7150

Model No.	Motor (HP)	No. of PISTON	Pressure (PSIG)	Piston Displacement (CFM)	Receiver (LITRES)
GC-284	2.0 / 3.0	2	200	6.7 / 9.8	160
GC-2390	3.0 / 5.0	2	200	8.9 / 11.0	160
GC-292	5.0	2	200	17.3	200
GC-2525	5.0 / 7.5	2	200	17.3 / 22.0	200
GC-303	7.5	2	200	23.8	240
GC-2595	7.5 / 10.0	2	200	25 / 33	240
GC-2650	10.0	2	200	30.0	300
GC-121T ₂	10.0 / 12.5	2	200	32.9 / 44.0	300
GC-7150	12.5 / 15.0	2	200	48 / 60	300
GC-65T	15.0 / 20.0	3	200	56 / 76	500
GC-75T	20.0 / 25.0	3	150	72 / 90	500
GC-3050	25.0 / 40.0	3	150	85.8 / 112.0	500
GC-65TD	30.0 / 40.0	3+3	150	116 / 152	750
GC-75TD	40.0 / 50.0	3+3	150	144 / 180	750



Two stage compressor consist of two or more cylinders. The atmospheric air enters into LP cylinder through inlet filter & valves and passes to HP cylinder through intercooler for final pressure. The highly efficient intercooler tube provides maximum heat dissipation between stage. These compressors are useful in textile, plastic ind., paper ind., spray painting, blowering, cleaning, tyre inflating, pneumatics, ceramics, automobiles, foundries, pharmaceuticals, CNC, VMC & Plasma Cutting, Sand blasting, Blow Molding Service stations etc.



Model No. GC-2595

MULTI STAGE HIGH PRESSURE COMPRESSORS



Multistage heavy-duty compressors are designed for high pressure operation up to 70 kg/cm²g (1000 psig). They are useful in valve & system testing, engine starting, laboratory test work, space & aviation ind, air blast circuit breaking, dairy, marine & military applications, pet bottling, gas transmission & distribution, defense, shipyards, oil exploration, pneumatics etc.



Model No. GC-281

Model No.	Motor (HP)	No. of PISTON	Pressure (PSIG)	Piston Displacement (CFM)
GC-281	3.0	2	500	7.4
GC-301	5.0	2	500	10.8
GC-57T ₂	7.5 / 10 / 12.5	2	500	24 / 30 / 36
GC-65THP	15 / 20	3	400	54 / 70
GC-65THPD	30 / 40	3+3	400	108 / 140
GC-65T ₂	15 / 20	3	1000	41 / 49
GC-65T ₂ D	30 / 40	3+3	1000	82 / 98

ROTARY SCREW COMPRESSORS



Model No	Power KW/HP	Pressure KG/CM ²	Free Air Delivery (CFM)	Air Connection
GCS 05	3.7 / 5	7.5 / 10 / 13	19 / 17 / 15	1/2"
GCS 7.5	5.5 / 7.5	7.5 / 10 / 13	29 / 26 / 23	1/2"
GCS 10	7.5 / 10	7.5 / 10 / 13	40 / 35 / 30	3/4"
GCS 15	11 / 15	7.5 / 10 / 13	60 / 52 / 45	3/4"
GCS 20	15 / 20	7.5 / 10 / 13	81 / 70 / 59 / 51	1"
GCS 25	18.5 / 25	7.5 / 10 / 13	108 / 87 / 73	1"
GCS 30	22 / 30	7.5 / 10 / 13	126 / 105 / 91	1"
GCS 40	30 / 40	7.5 / 10 / 13	170 / 150 / 140	1.1/4"
GCS 50	37 / 50	7.5 / 10 / 13	217 / 195 / 170	1.1/4"
GCS 60	45 / 60	7.5 / 10 / 13	252 / 220 / 190	1.1/4"
GCS 75	55 / 75	7.5 / 10 / 13	336 / 283 / 245	1.1/2"
GCS 100	75 / 100	7.5 / 10 / 13	434 / 378 / 315	1.1/2"
GCS 125	90 / 125	7.5 / 10 / 13	577 / 472 / 385	2"
GCS 150	110 / 150	7.5 / 10 / 13	700 / 605 / 530	2"
GCS 180	132 / 180	7.5 / 10 / 13	812 / 717 / 577	2.1/2"
GCS 220	160 / 220	7.5 / 10 / 13	959 / 840 / 700	3"
GCS 270	200 / 270	7.5 / 10	1270 / 996	3"
GCS 340	250 / 340	7.5 / 10	1540 / 1305	4"
GCS 430	315 / 430	7.5 / 10	1837 / 1592	5"

- ❖ ADVANCE TECHNOLOGY
- ❖ ENERGY SAVING
- ❖ HIGH RELIABILITY
- ❖ ENVIRONMENT FRIENDLY
- ❖ FULLY AUTO CONTROL SYSTEM
- ❖ FLOOR / TANK MOUNT
- ❖ BELT / DIRECT DRIVE
- ❖ VARIABLE SPEED DRIVE
- ❖ PERMANENT MAGNET DRIVE
- ❖ PORTABLE ELECTRIC DRIVE
- ❖ PORTABLE DIESEL DRIVE

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