

DIAPHRAGM TYPE COMPRESSORS CUM VACUUM PUMPS

Portable, Oil-free vacuum pumps

Salient Features:

- No Lubrication required.
- Noiseless.
- Absolutely portable.
- Totally oil free construction.
- Practically maintenance free.
- All parts made from Special graded aluminium die cast material for light weight and good strength.
- Diaphragms are made of special 2 ply Nylon, reinforced neoprene rubber,
- Special diaphragms are available (Teflon, Viton) on request at extra cost.
- Valves made of SS 316 material.
- Built in micro suction filter.
- Extra Large bearings for trouble free and smooth running.
- Pumps available with single as well as three phase motors.
- Pumps available with flame proof motors (Cat. No. 7001 0012).
- Pumps available with 12/24/48 volts DC supply (Cat no.7001 0011). Please specify voltage while ordering.
- Pumps available with Chemical resistive parts(PP, Teflon contact parts) (Cat. No. 7001 0007/8)

Applications as vacuum pump

- Laboratories
- Pollution control equipments
- Material handling equipments
- Desoldering station
- Medical instruments
- Dentists
- Chemical analysis
- Suction machines
- Photographic developing machines

Applications as compressor

- Flame photometer
- Agitation of chemicals in electro-plating
- Agitation of film in drying tank
- Oil-free spray painting
- Artist air brush
- Operating small pneumatic tools
- Laminating press
- Nebuliser
- Plastic welding

Note : 1. Vacuum gauge and regulator are fitted with Cat. No. 21202 500 only as standard supply. Moisture trap if required will be supplied at extra cost. For specific application mentioned above other than general laboratory use, please consult Riviera Mumbai office before ordering. 2. Avoid using the pump to handle air with heavy dust & organic, acidic or basic vapors. 3. The values of max pressure, max vacuum & max flow mentioned above are measured very close to the pump head within tolerance of $\pm 3\%$. The mechanical gauge wherever supplied carries reading accuracy of ± 1 division and not covered under warranty.



7001 0001 / 1001



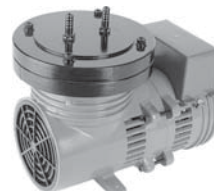
7001 0002 / 1002



7001 0004 / 1004



7001 0006 / 1006



7001 0007



7001 0008



7001 0009 / 1009



7001 0010 / 1010



7001 0012 / 1012



21202 500 / 1500

Warranty Clause for Vacuum Pumps:

The above equipment is warranted with following conditions:

- All Rivotek, vacuum pumps will carry warranty of 12 months from the date of invoice against manufacturing defects. The company will repair or replace the parts going defective free of cost during the warranty period. The warranty for electric/electronic parts dose not hold good if the equipment is connected to fluctuating mains voltage beyond $\pm 10\%$ of the standard supply voltage i.e. 230v, 50hz.
- Malfunctioning of the pump caused due to entry of foreign material inside the pump is not covered under warranty.
- Warranty is not applicable to damages occurring due to accident, negligence and misuse by the user.
- Complaints should be communicated to the warrantor in writing.



Portable, Oil-free vacuum pumps

Cat No.	Features	Max Flow LPM	Max Press. PSIG	Max. Vac. Inch Hg	Approx. Weight kg	Motor HP	Approx. Dimensions mm
7001 0001	Single stage &	15	25	22	2.7	1/20	175 x 110 x 140
7001 0002	Single stage & reduced dimensions	15	25	22	2.5	1/20	150 x 110 x 140
7001 0004	Double stage in parallel	25	25	22	4.2	1/16	220 x 120 x 140
7001 0006	Single stage	45	40	22	6.2	1/8	220 x 120 x 180
7001 0007	Chemical resistive Parts	30	10	22	5.8	1/8	235 x 155 x 200
7001 0008	Chemical resistive Parts	50	10	22	8.7	1/4	325 x 155 x 200
7001 0009	Double stage in series	45	60	27	9.0	1/4	290 x 120 x 180
7001 0010	Double stage in parallel	75	40	22	9.0	1/4	290 x 120 x 180
7001 0012	Flame Proof Motor	45	35	22	18.0	1/4 (FPM)*	325 x 150 x 250
21202 500	Double stage with VGR	15	35	27	4.1	1/16	220 x 110 x 140

Portable Vacuum Pumps Oil-Free Air Compressors with Teflon Diaphragm

Cat No.	Max Flow LPM	Max Press. PSIG	Max. Vac. Inch Hg	Approx. Weight kg	Motor HP	Approx. Dimensions mm
7001 1001	15	25	22	2.7	1/20	175 x 110 x 140
7001 1002	15	25	22	2.5	1/20	150 x 110 x 140
7001 1004	25	25	22	4.2	1/16	220 x 120 x 140
7001 1006	45	40	22	6.2	1/8	220 x 120 x 180
7001 1009	45	60	27	9.0	1/4	290 x 120 x 180
7001 1010	75	40	22	9.0	1/4	290 x 120 x 180
7001 1012	45	35	22	18.0	1/4 (FPM)*	325 x 150 x 250
21202 1500	15	35	27	4.1	1/16	220 x 110 x 140

Optional Accessories

Cat No.	Description
7001 0513	Vacuum gauge and regulator
7001 0514	Pressure gauge and regulator
7001 0519	Moisture trap
