



Athena
Technology

Oil Free Diaphragm Type Vacuum Pump



ATV-15



ATV-15-RD



ATV-25-S



ATV-25-P



ATV-15-DC-1500



ATV-45-FM



ATV-25-AX



ATV-75-CRP



ATV-45



ATV-45-CRP



ATV-75-P



ATV-75-S

Salient Features:

- No Lubrication required
- Noiseless performance
- Absolutely Portable
- Totally Oil-free construction
- Practically maintenance-free
- All parts made from special graded Aluminum die cast material for light weight and good strength
- Diaphragms are made of special 2-Ply Nylon reinforced neophrene rubber
- Special diaphragms available (TEFLON / VITON etc.)
- Value 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 3-phase motors
- Pumps available with flame proof motor
- Pumps available with 12/24V/48 Volts DC
- Pumps available with Chemical resistive Parts (PP, TEFLON contact parts) (CRP suffixed models)
- Pumps available with SS 316 contact parts
- Pumps available in 110 V AC motors
- Pump available for Gas charging in A/Cs
- Ideally suited for original equipment manufacturers

Technical Specification:

| MODEL | MAX. FLOW (Ltrs/min) | MAX. VACUUM (In./mm Hg) | MAX. PRESS. (PSIg) | APPROX. Weight (kg) | MOTOR HP | APPROX Dimensions (mm) |
|------------|----------------------|-------------------------|--------------------|---------------------|----------|------------------------|
| ATV-15 | 15 | 22" (554) | 25 | 3.0 | 1/20 | 175X110X150 |
| ATV-25-S | 15 | 27" (680) | 35 | 5.5 | 1/16 | 220X110X150 |
| ATV-25-P | 25 | 22" (554) | 25 | 5.5 | 1/16 | 220X110X150 |
| ATV-25-AX | 15 | 27" (680) | -- | 5.5 | 1/16 | -- |
| AVT-45 | 45 | 22" (554) | 35 | 7.0 | 1/8 | 200X125X200 |
| AVT-45-CRP | 30 | 22" (554) | 10 | 7.0 | 1/8 | 220X150X220 |
| ATV-75-S | 45 | 27" (680) | 55 | 12.5 | 1/4 | 300X130X200 |
| ATV-75-P | 75 | 22" (554) | 40 | 12.5 | 1/4 | 300X130X200 |
| ATV-75-CRP | 38 | 22" (554) | 10 | 8.7 | 1/4 | -- |
| ATV-45-FM | 35 | 22" (554) | 20 | 18 | 1/4 | - |

Application for use as Vacuum Pump:

- Laboratories
- Pollution Control Equipment's
- Material Handling Equipment's
- Labeling machines
- Desoldering station
- Glass forming
- Medical Instruments
- Dentists
- Chemical analyzers
- Gas charging in A/c
- Suction machines
- Photographic developing machines

Application for use as compressor:

- Flame photometer
- Atomic Absorption Spectrophotometer
- Agitation of chemicals in electro-plating
- Agitation of film in drying tank
- Wave Soldering machines for forming of flux
- Cement aeration
- Oil-free spray painting
- Artist Air brush
- Operating small pneumatic tools
- Laminating press
- Nebulizer
- Plastic welding

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