



# Oil Free Diaphragm Type Vacuum Pump

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## 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. Pressure (PSIg)	Approx. Weight (kg)	Motor HP	Approx. Dim. (mm)
ATV-15	15	22" (554)	25	3.0	1/20	175 x 110 x 150
ATV-25-S	15	27" (680)	35	5.5	1/16	220 x 110 x 150
ATV-25-P	25	22" (554)	25	5.5	1/16	220 x 110 x 150
ATV-25-AX	15	27" (680)	—	5.5	1/16	—
AVT-45	45	22" (554)	35	7.0	1/8	200 x 125 x 200
AVT-45-CRP	30	22" (554)	10	7.0	1/8	220 x 150 x 220
ATV-75-S	45	27" (680)	55	12.5	1/4	300 x 130 x 200
ATV-75-P	75	22" (554)	40	12.5	1/4	300 x 130 x 200
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



## ATHENA TECHNOLOGY

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