



# Rotary Vane Compressors & Pumps Oil-Free and Lubricated Models



**RV023-405**

The All-Star rotary vane air compressor and vacuum pump is used in hundreds of medical and commercial applications for high pressure or vacuum requirements. The All-Star rotary vane unit is available as oil-free or lubricated design, stand-alone unit or mounted directly to the drive motor. Available in power supplies for AC and BLDC in sizes 1/45 to 1-1/2HP with pressures to 25 psi and vacuums to 27"Hg.

The All-Star rotary vane unit is designed to be a "drop-in" replacement to competitive units.

Each compressor is designed to optimize an OEM application requirements for performance, enclosure and motor electrical specifications.

## Common Applications

### Industrial

Printing - Drying, Aeration, Sheet feeds  
Plastic - Welding, Plasma Cutters, Concrete aeration,  
Paint booth personnel ventilators, Air bearings, Waste  
oil burners, Vacuum hoist, Vacuum laminators, Scrap  
material removal, Thermoforming, Automatic product  
feeding

### Commercial

Business Machines - Copier, Mail Sorters, Vacuum Frames  
Vending Machines, Vacuum Sealer, photographic hold-  
downs, Milking machines, Oil changing equipment, Paper  
counting machinery, Texture spraying, Weather stations,  
Smoke stack emission sampling, Vacuum filtering

### Environmental

Sparging, Weather stations, Dry fire control

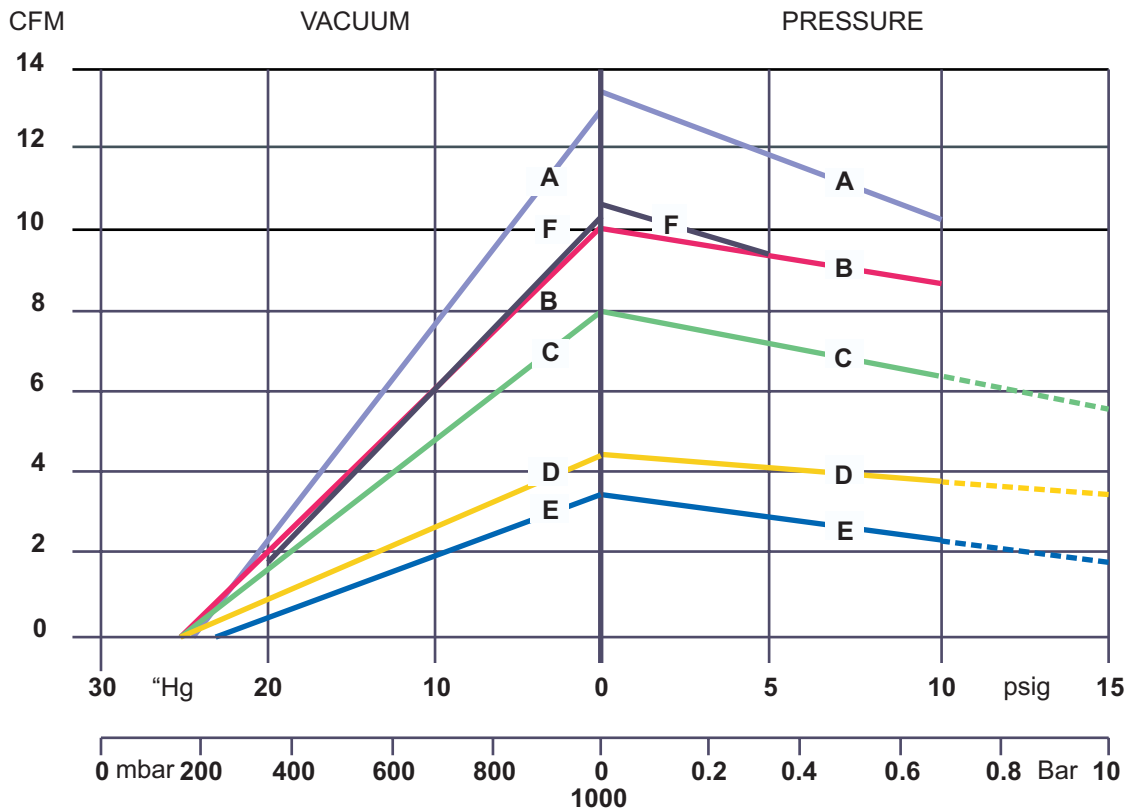
### Medical Laboratory

Patient ventilators, Surgical aspiration, Medical Lab  
Diagnostics, Vacuum centrifuge, Laser surgery,  
Air beds, Gas Analyzers, Samplers, Dryers,  
Mass Spectrometers, Water Aspirators, Electron Microscopes

### Dental

Autoclaves, Sterilizers, Dental Vacuum, Oxygen Concen-  
trators, Blood Analyzers, Blood Pressure Instrumentation,  
Pneumatic Beds, Nebulizers, Aspirators

# Rotary Vane Oil-Free Compressor Model RV23-405-XXX



CURVE	MODEL NO	OPEN FLOW CFM	PRESSURE psig	VACUUM " Hg	MOTOR HP
A	RVO23-302	3.2	10	25	.25
B	RVO23-405	4.5	10	26	.25
C	RVO23-8	8	10	26	.75
D	RVO23-10	10	10	26	.75
E	RVO23-1305	13.5	10	25	.75
F	RVOD23-1006	10.6	3	20	1.0



## All-Star™ Products

*Your source for all of your  
blower and vacuum pump requirements*

- Centrifugal Blowers to 50,000 SCFM
- Turbine Blowers to 1590 CFM
- Regenerative Blowers to 2500 SCFM to 11.5 psi
- Rocking Piston Compressors & Vacuum Pumps
- Rotary Vane Compressors & Vacuum Pumps