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**617 / 668 / 688 / 2668 / 2688 SERIES  
OIL-LESS WOB-L PISTON  
COMPRESSORS & VACUUM PUMPS**

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**FEATURES:**

- ◆ “THE RECOGNIZED AIR SOURCE FOR OXYGEN CONCENTRATORS”
- ◆ Motor voltage/frequency variations available to suit most OEM applications.  
NOTE: Permanent magnet DC motors are not available. 24v brushless DC motors are available.
- ◆ Motor Types Available: Shaded pole, PSC, and BLDC
- ◆ Motor Insulation Class: A and B (Consult product catalog for details.)
- ◆ All units are thermally protected.
- ◆ Free Air Flow: 617: Up to 1.00 CFM  
668/688: Up to 1.60 CFM  
2668: Up to 3.15 CFM
- ◆ Maximum Continuous Pressure: 100 PSIG - single-stage, 160 PSIG - two-stage
- ◆ Vacuum Capability: 27” Hg single stage, 29” Hg two-stage (Depending upon stroke and motor selection these may change. Consult product catalog for details.)
- ◆ Bore Size: 2.25” diameter
- ◆ One-piece connecting rod with TFE piston seal. Cylinder hard coated for wear resistance.
- ◆ Stroke Selection Available: .220", .320", .400", .440”
- ◆ All single stage units have both pressure and vacuum capability without the need for internal modifications.
- ◆ Wetted parts available Teflon or Epoxy coated for added corrosion resistance.
- ◆ Design Life: 10,000-16,000 hours for AC motors  
(Run within manufacturers recommended conditions. Actual life will vary with each application.)
- ◆ Restart Capability: Ramped valve plates available for pressure or vacuum restarts.
- ◆ Sound Level: 55-58 dB(A) (Approximate from a 3-foot profile.)

**BEST SUITED FOR THE FOLLOWING APPLICATIONS:**

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|----------------------------|-------------------------|------------------------|
| ◆ Oxygen Concentrators     | ◆ Aspirators            | ◆ Cable Pressurization |
| ◆ Copiers                  | ◆ Respirators           | ◆ Radar Pressurization |
| ◆ Blood Analyzers          | ◆ Medical Trauma Carts  | ◆ Animal Feeders       |
| ◆ Laboratory Analyzers     | ◆ Laboratory Air Dryers | ◆ Sprayer Systems      |
| ◆ Dental Equipment         | ◆ Powder Spraying       | ◆ Pump Priming         |
| ◆ Ozone Generators         | ◆ Duplicators           | ◆ Purging Systems      |
| ◆ Vacuum Frames            | ◆ Printing Equipment    | ◆ Vacuum Clamps        |
| ◆ Waveguide Pressurization | ◆ Mail Sorters/Stuffers | ◆ Chair Lifts          |
| ◆ Packaging Equipment      | ◆ Optical Equipment     |                        |

**POTENTIAL COMPETITORS:**

- ◆ Gast Manufacturing
- ◆ Mefar
- ◆ Durr
- ◆ Chinese Clones