

# V07H015A-BLDC-C

## Silent Series™ Scroll Vacuum Pump

### 100% Oil-Free

Maintain the purity of your system

### Ultra-Quiet, Smooth Operation

Dynamically balanced, valve-less, and near pulsation-free

### Cost-Competitive

Affordable configurations for OEMs

### Compact, Lightweight Design

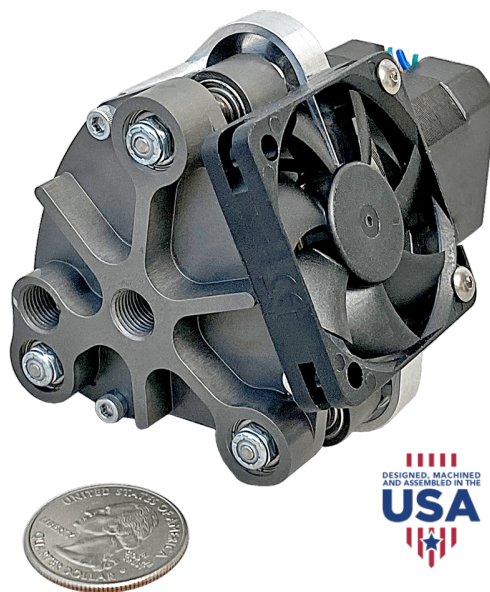
Fewer moving parts than competing technology

### Efficient Performance

Continuous vacuum process with no re-expansion or throttling losses

### Variable Speed

Ideal performance over a range of duty cycles – 100% continuous to intermittent



	SI	IMPERIAL
MAX. VACUUM	< 10 mbara	< 7.5 Torr
VOLUME RATIO	3	
MAX. FLOW	15 lpmv	0.5 cfmv
DISPLACEMENT	5.25 cm <sup>3</sup> / Rev.	0.32 in <sup>3</sup> / Rev.
MAX. SPEED	3,000 RPM	
RATED POWER	60 We	0.08 hpe
RATED CURRENT	5 A	
MOTOR	12 V Brushless DC	
COOLING	12 VDC Attached Fan	
AMBIENT TEMP. RANGE	-20 °C – 40 °C	0 °F – 104 °F
NOMINAL SOUND LEVEL	30 dB(A)	
NET WEIGHT	0.75 kg	1.65 lb
PORT CONFIGURATION	1/8" NPT	
MEDIA	Air	
REGULATORY	RoHS Compliant	
PART NUMBER	V07H015A-A04	

### AVAILABLE ACCESSORIES

Brushless DC Controller

Mounting Bracket

### OEM CONFIGURATIONS

Custom Mounting Bracket

Custom Electrical Connector

Custom Motor and Fan Voltage

Custom Port Fittings

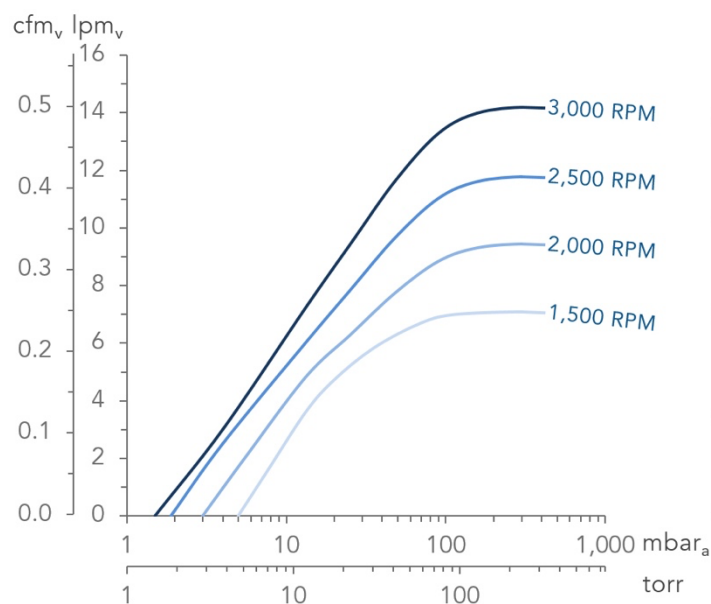
Qualified OEMs should consult Air Squared for custom configurations and application-specific requirements.

Contact [info@airsquared.com](mailto:info@airsquared.com).

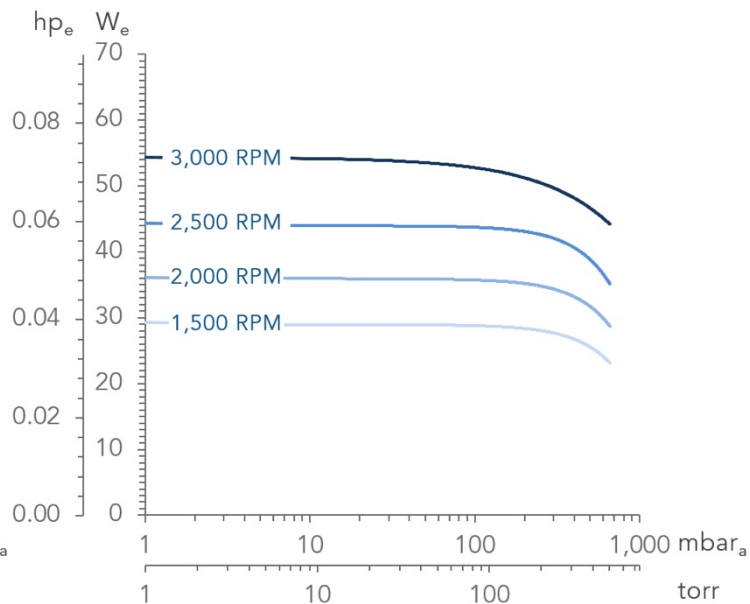
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information for reference use only - visit [airsquared.com](http://airsquared.com) for current specifications. Application conditions may adversely affect performance and product life. It is the responsibility of the user to determine the suitability of the product for intended use.

## Performance

FLOW CHARACTERISTICS

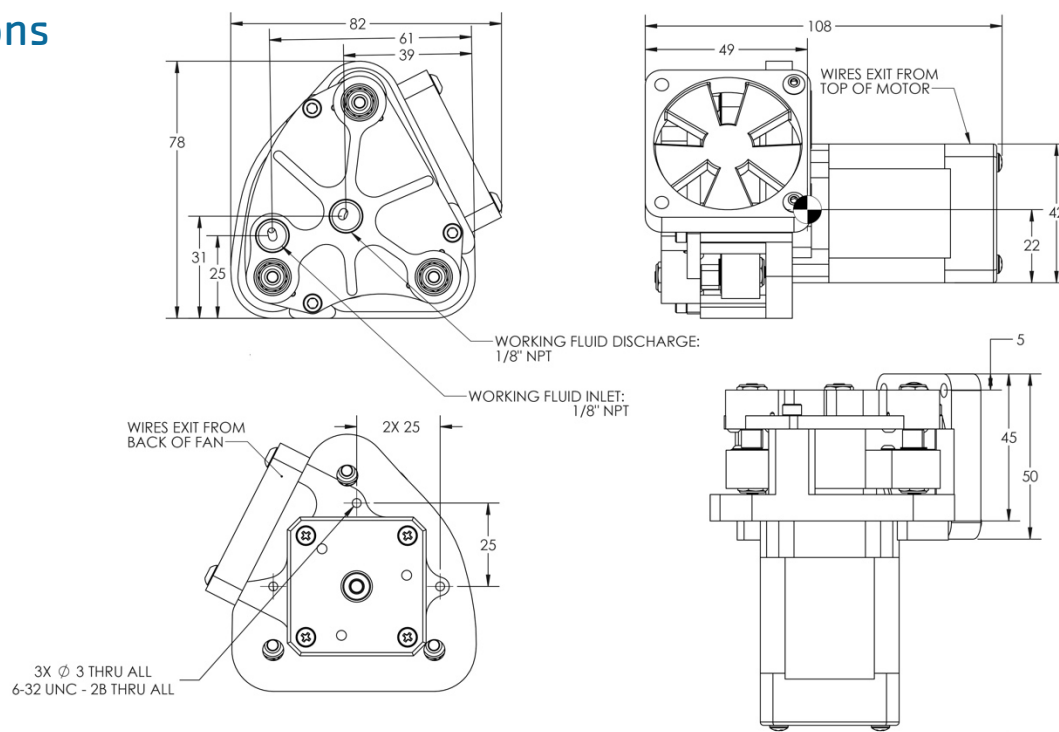


POWER CHARACTERISTICS



Flow Characteristics reflect nominal volume flow with air at NIST standard inlet conditions. Power Characteristics reflect nominal electric power consumption in Broomfield, CO USA with standard motor and controller losses.

## Dimensions



Dimensions in millimeters unless otherwise stated.

**Air**squared

Learn More About Oil-Free Scroll Technology at  
<http://airsquared.com>

