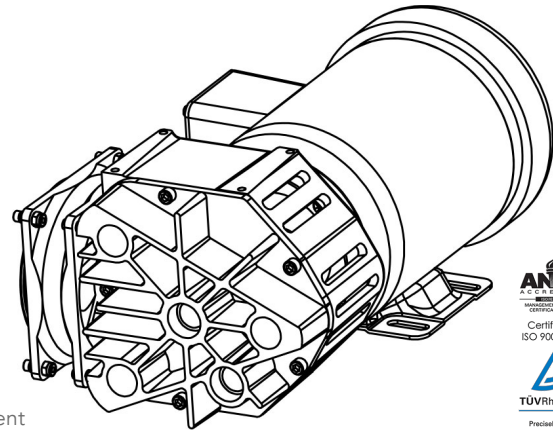


V16H030A-AC

Scroll Vacuum Pump

- 100% Oil-Free**
Maintain the purity of your system
- Quiet, Smooth Operation**
Dynamically balanced, valve-less, and near pulsation-free
- Efficient Performance**
Continuous compression process with no re-expansion or throttling losses
- Reliable, Durable Solution**
Long product life and simple field maintenance
- Variable or Fixed Speed**
Ideal performance over a range of duty cycles – 100% continuous to intermittent



	SI	IMPERIAL
MAX. VACUUM	< 2 mbara	< 1.5 Torr
VOLUME RATIO	2.56	
MAX. FLOW	175 lpmv	6.2 cfmv
DISPLACEMENT	60.3 cm ³ / Rev.	3.7 in ³ / Rev.
MAX. SPEED	3,000 RPM	
MOTOR	208 V / 230 V / 460 V TEFC Three-Phase AC	
RATED POWER	590 We	0.79 hpe
RATED CURRENT	2.6 A @ 208 V 2 A @ 230 V 1 A @ 460 V	
COOLING	115 VAC Attached Fan	
AMBIENT TEMP. RANGE	-20 °C – 40 °C	0 °F – 104 °F
NOMINAL SOUND LEVEL	45 dB(A)	
NET WEIGHT	11.3 kg	25 lb
PORT CONFIGURATION	1/2" NPT	
MEDIA	Air	
PART NUMBER	V16H030A-A02	

OPTIONAL CONFIGURATIONS

Alternate Motor Voltage, Phase, or Frequency

CUSTOM REQUIREMENTS

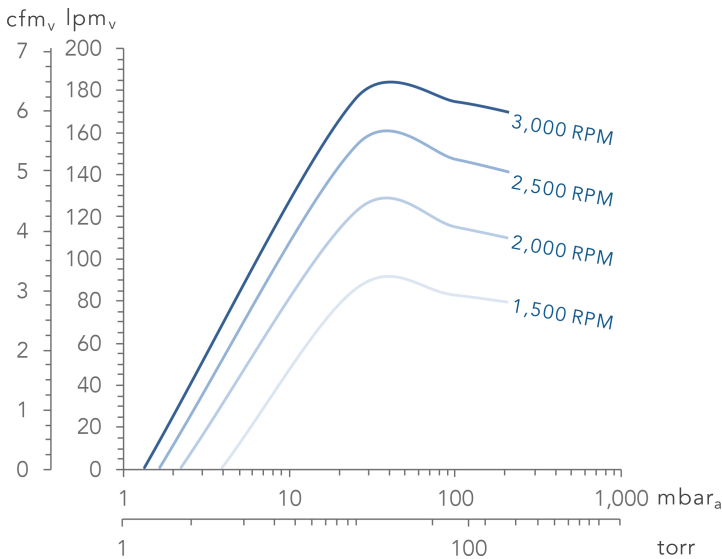
Qualified OEMs should consult Air Squared for custom configurations and application specific requirements.

Contact info@airsquared.com.

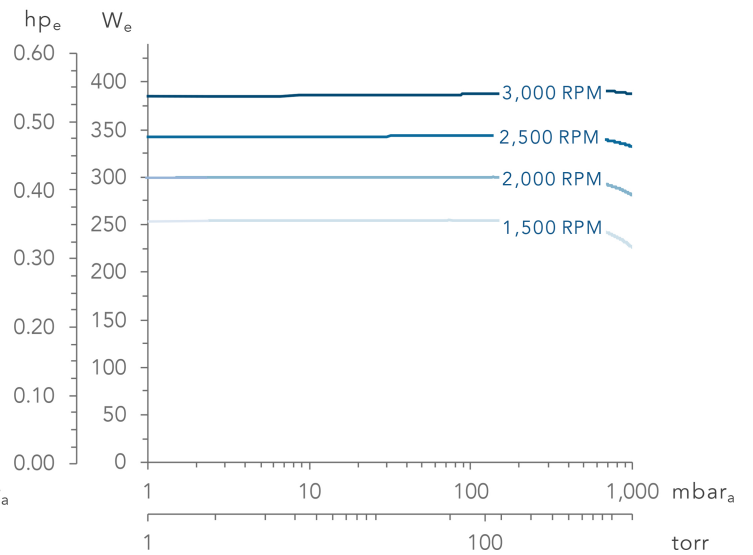
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information for reference use only - visit airsquared.com 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

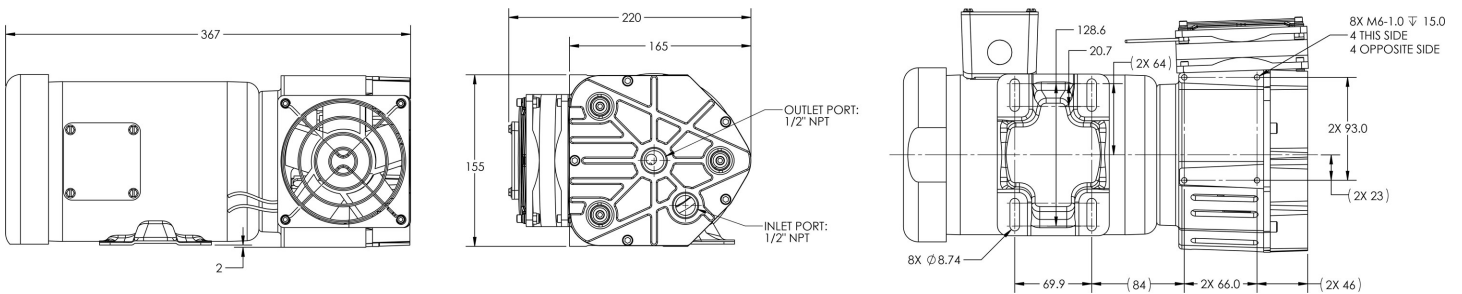


POWER CHARACTERISTICS



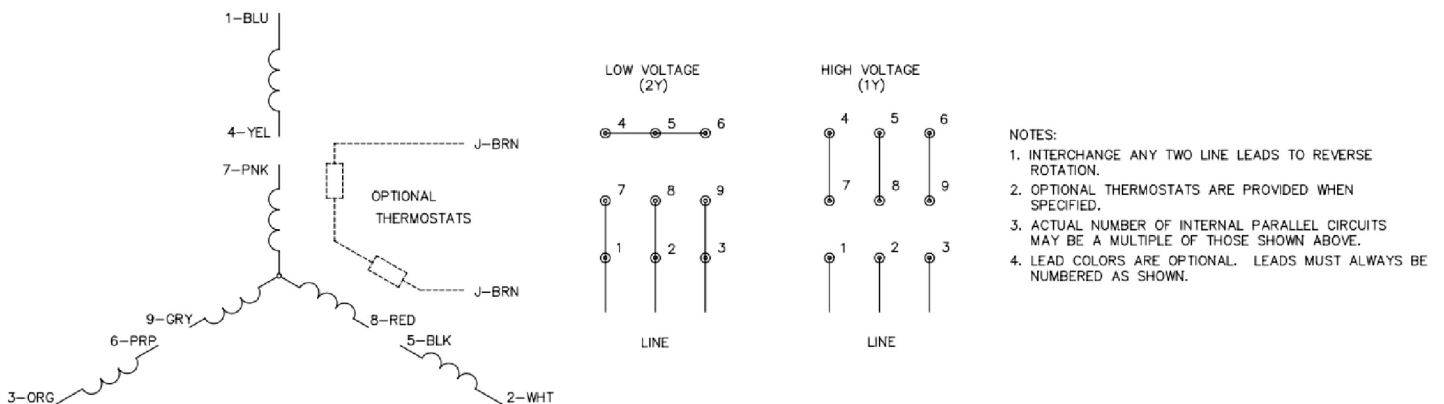
Flow Characteristics reflect nominal volume flow with air at NIST standard inlet conditions. Power Characteristics reflect nominal electric power consumption in Broomfield, CO USA with standard motor and controller losses.

Dimensions



Dimensions in millimeters unless otherwise stated.

Electrical



- NOTES:
1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
 2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
 3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
 4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

Three-phase AC motors can operate at variable speed. Electronic controller module is required for operation.