

P09H017A-BLDC-C

Silent Series™ Scroll Compressor

100% Oil-Free

Maintain the purity of your system

Ultra-Quiet, Smooth Operation

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

Compact, Lightweight Design

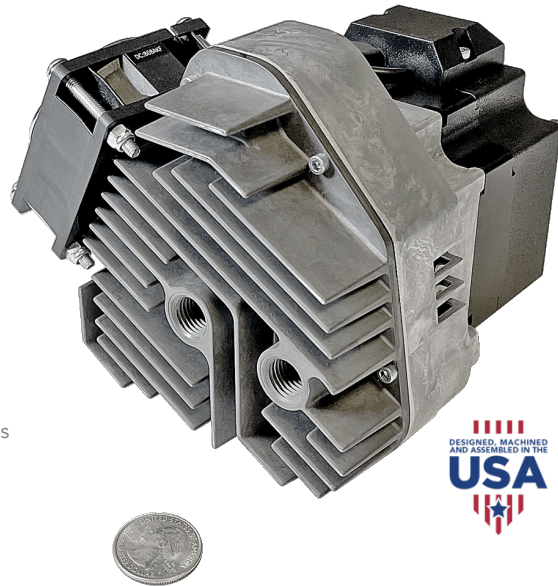
Fewer moving parts than competing technology

Efficient Performance

Continuous compression 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. PRESSURE	3.5 barg	50 psig
VOLUME RATIO	3.06	
MAX. FLOW	50 lpm _v	1.76 cfm _v
DISPLACEMENT	15.24 cm ³ / Rev.	0.93 in ³ / Rev.
MAX. SPEED	3,500 RPM	
RATED POWER	312 We	0.42 hpe
RATED CURRENT	13 A	
MOTOR	24 V Brushless DC	
COOLING	24 VDC Attached Fan	
AMBIENT TEMP. RANGE	-20 °C – 40 °C	0 °F – 104 °F
NOMINAL SOUND LEVEL	40 dB(A)	
NET WEIGHT	2.26 kg	5.1 lb
PORT CONFIGURATION	1/4" NPT	
MEDIA	Air	
PART NUMBER	P09H017A-D01	

AVAILABLE ACCESSORIES

- Brushless DC Controller
- Mounting Feet

OEM CONFIGURATIONS

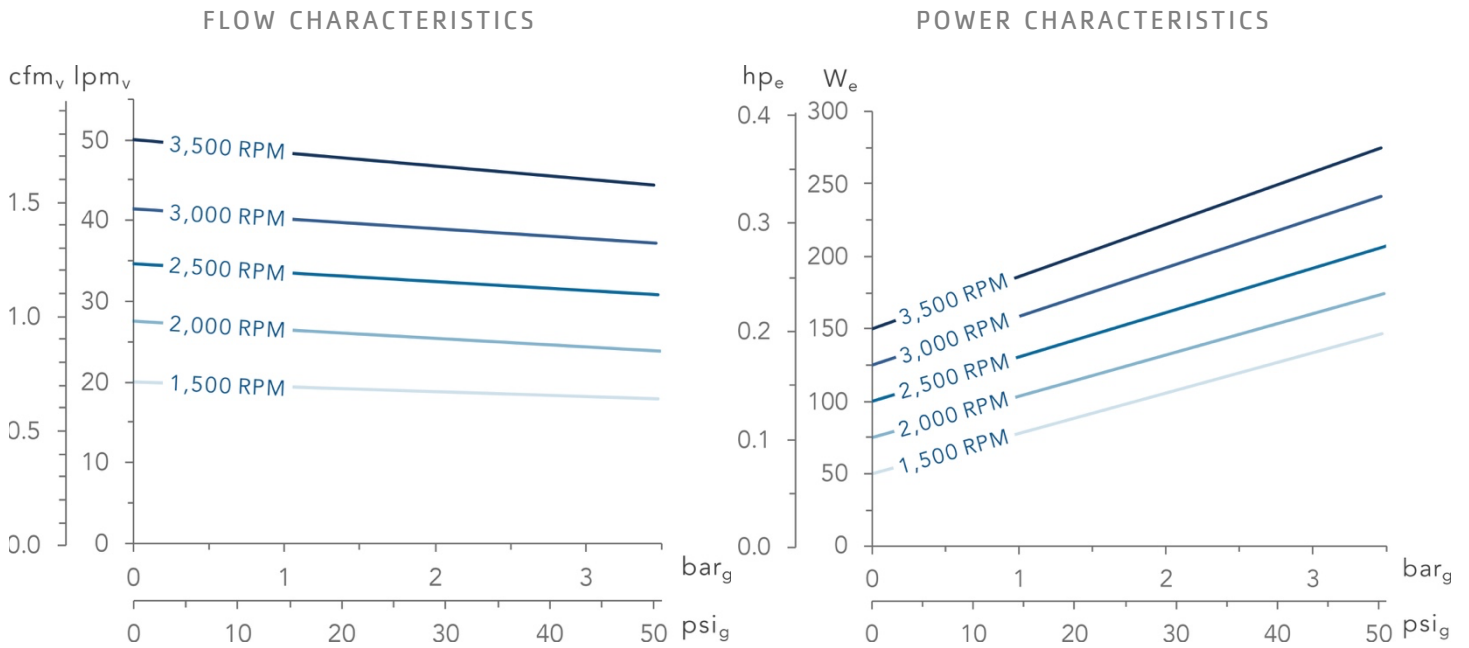
- Custom Mounting Bracket
- Custom Electrical Connector
- Custom Motor and Fan Voltage
- Custom Port Fittings

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

Contact info@airsquared.com.

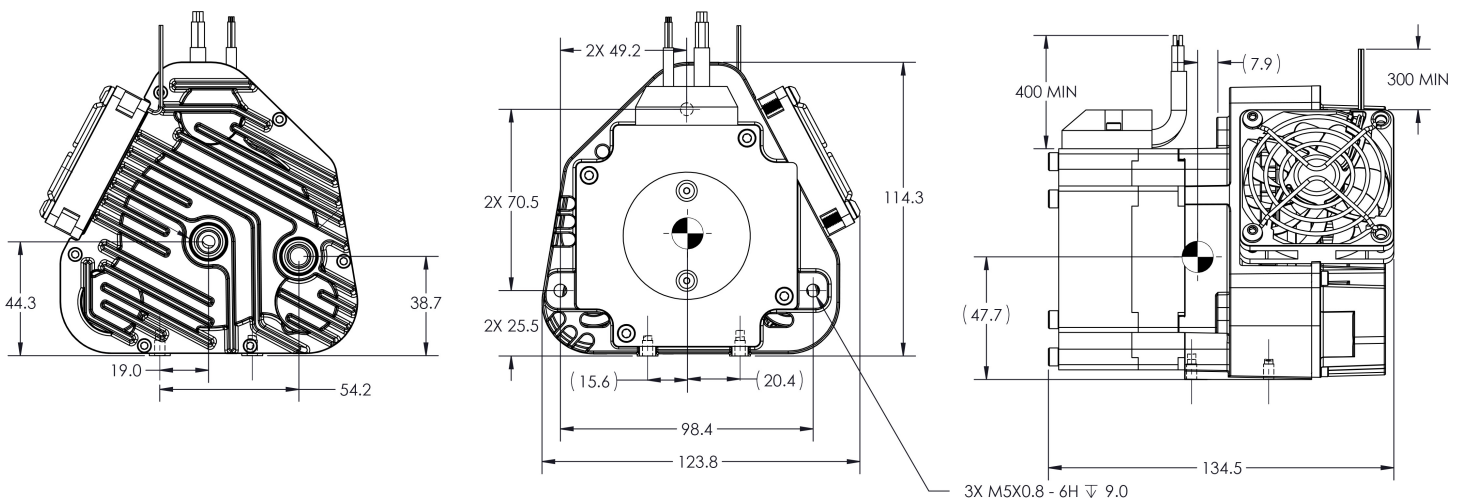
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable. Air Squared does not warrant, guarantee, or assume liability in connection with this information. Picture, Performance, Dimensions, and Electrical information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



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