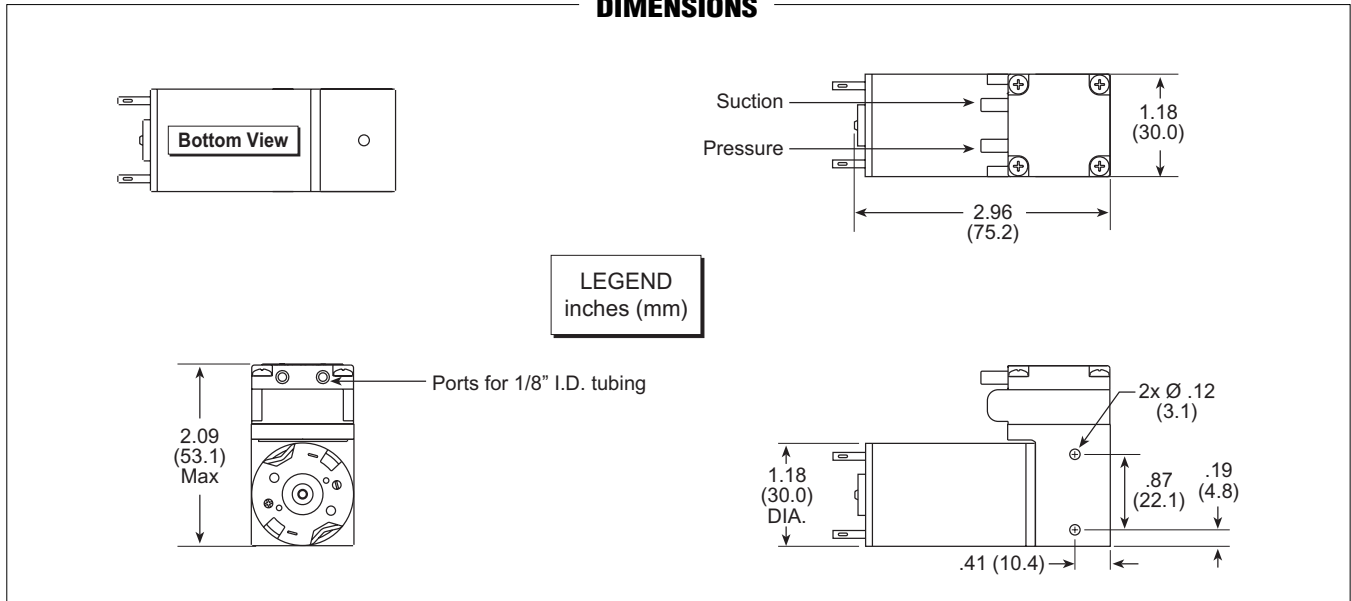


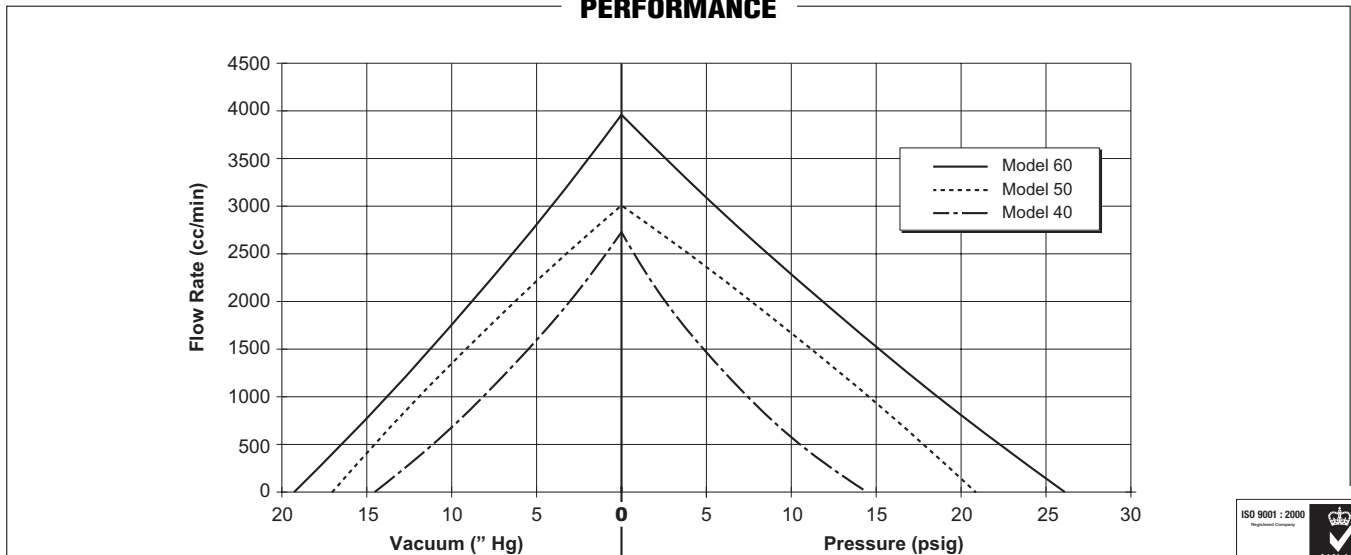
AP Series Micro Air Pump: Part No. AP060SEEE Specifications

	Minimum Free Flow	Minimum Vacuum @ Dead Head	Minimum Pressure @ Dead Head	Maximum Current @ Free Flow
Model 40	2.8 LPM	14.8 "Hg (501 mbar)	14.5 psig (1000 mbar)	377 mA
Model 50	3.0 LPM	17.8 "Hg (603 mbar)	20.9 psig (1441 mbar)	287 mA
Model 60	3.8 LPM	18.8 "Hg (637 mbar)	25.7 psig (1772 mbar)	573 mA
Rated Voltage	6.0 volts DC			
Motor Construction	Iron Core, Single Ball Bearing			
Diaphragm Material	EPDM (Neoprene and Viton also available)			
Pump Material	Valox, Ryton® Valve Plate			
Temperature Range	32°–122°F (0°–50°C)			
Weight	6.3 oz (179 grams)			
Size	7.3 cubic inches			
Options	Four Port Locations, Barbed Ports for 3/16" I.D. Tubing, Vibration Mounts.			

DIMENSIONS



PERFORMANCE



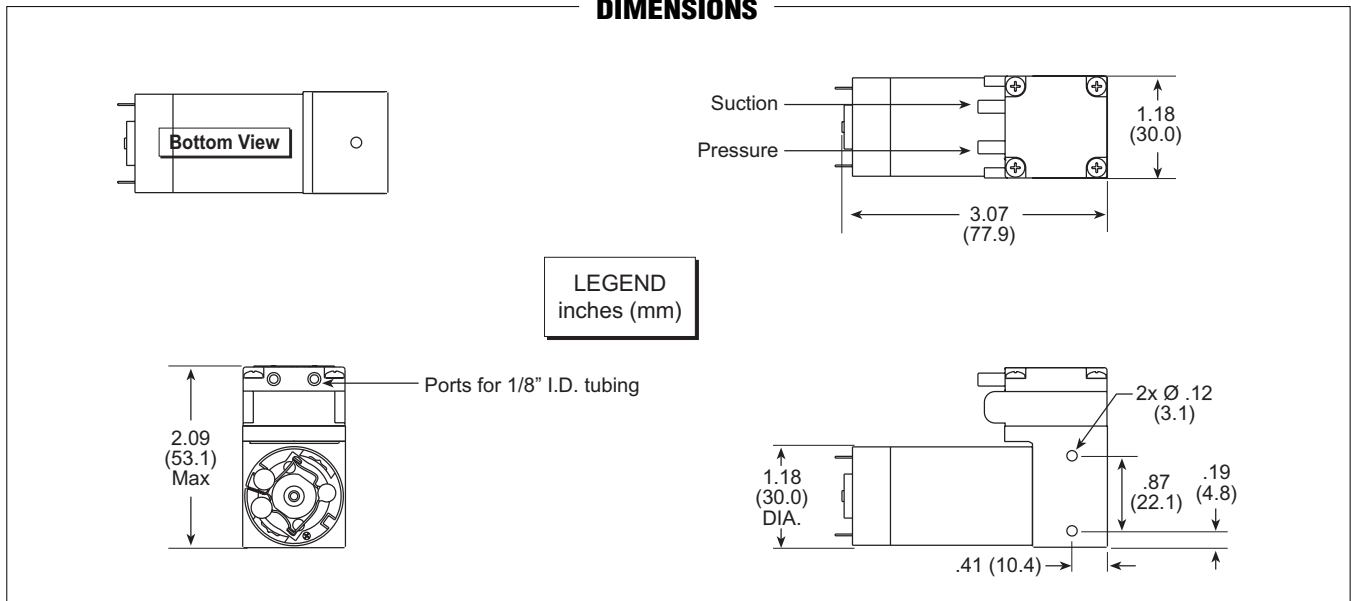
Performance curves are typical. Individual pump curves may vary.



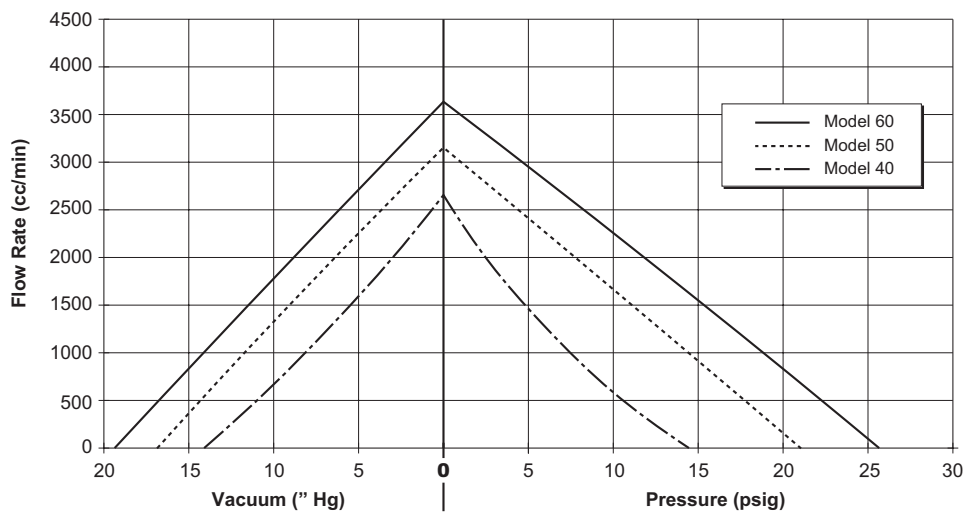
AP Series Micro Air Pump: Part No. AP240SEEE Specifications

	Minimum Free Flow	Minimum Vacuum @ Dead Head	Minimum Pressure @ Dead Head	Maximum Current @ Free Flow
Model 40	2.6 LPM	14.3 "Hg (483 mbar)	14.6 psig (1006 mbar)	112 mA
Model 50	3.1 LPM	17.1 "Hg (577 mbar)	21.1 psig (1454 mbar)	120 mA
Model 60	3.6 LPM	18.6 "Hg (628 mbar)	25.4 psig (1751 mbar)	175 mA
Rated Voltage	24.0 volts DC			
Motor Construction	Iron Core, Single Ball Bearing			
Diaphragm Material	EPDM (Neoprene and Viton also available)			
Pump Material	Valox, Ryton® Valve Plate			
Temperature Range	32°–122°F (0°–50°C)			
Weight	6.0 oz (168 grams)			
Size	7.6 cubic inches			
Options	Four Port Locations, Barbed Ports for 3/16" I.D. Tubing, Vibration Mounts.			

DIMENSIONS



PERFORMANCE



Performance curves are typical. Individual pump curves may vary.

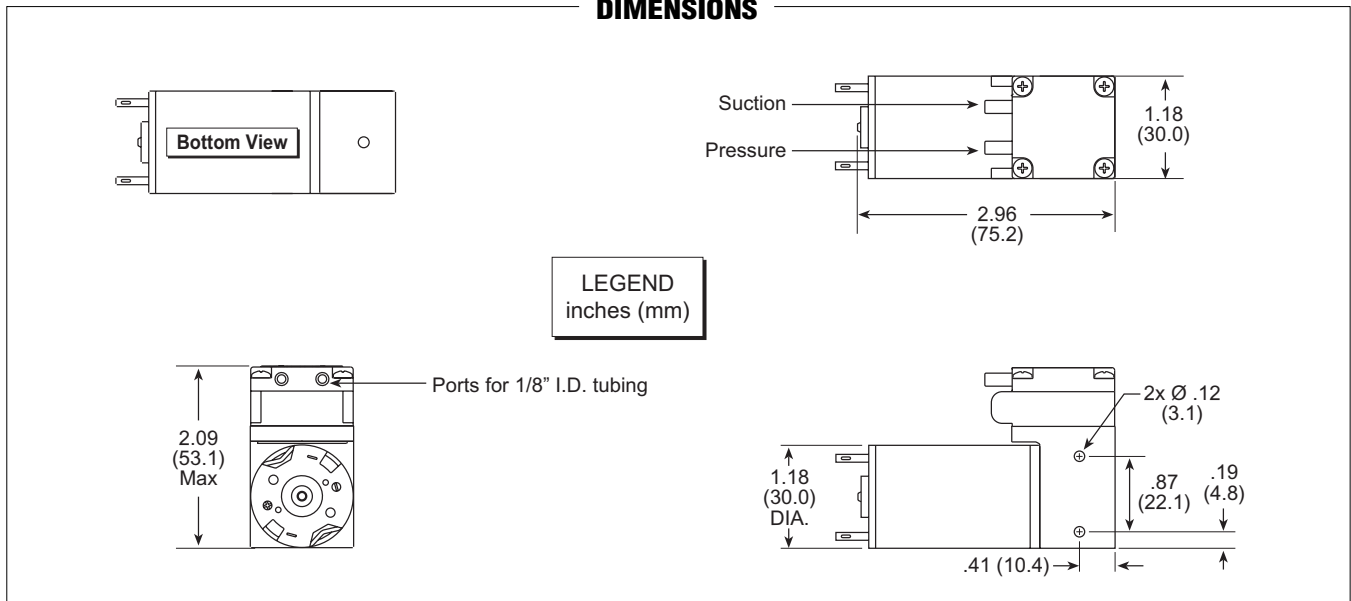


Certificate No. 970084

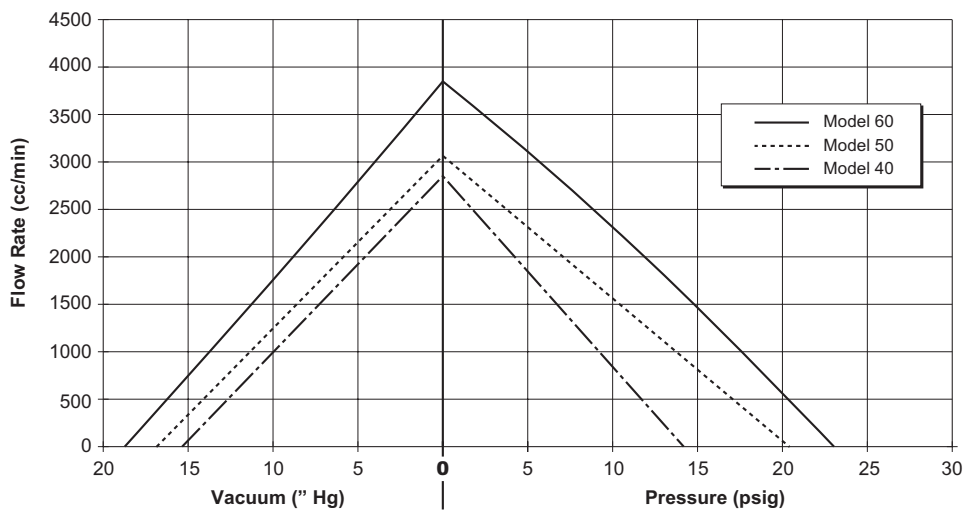
AP Series Micro Air Pump: Part No. AP120SEEE Specifications

	Minimum Free Flow	Minimum Vacuum @ Dead Head	Minimum Pressure @ Dead Head	Maximum Current @ Free Flow
Model 40	2.9 LPM	15.1 "Hg (511 mbar)	14.3 psig (986 mbar)	237 mA
Model 50	3.1 LPM	16.9 "Hg (572 mbar)	20.3 psig (1400 mbar)	295 mA
Model 60	3.8 LPM	18.4 "Hg (631mbar)	24.6 psig (1717 mbar)	314 mA
Rated Voltage	12.0 volts DC			
Motor Construction	Iron Core, Single Ball Bearing			
Diaphragm Material	EPDM (Neoprene and Viton also available)			
Pump Material	Valox, Ryton® Valve Plate			
Temperature Range	32°–122°F (0°–50°C)			
Weight	6.3 oz (179 grams)			
Size	7.3 cubic inches			
Options	Four Port Locations, Barbed Ports for 3/16" I.D. Tubing, Vibration Mounts.			

DIMENSIONS



PERFORMANCE



Performance curves are typical. Individual pump curves may vary.

