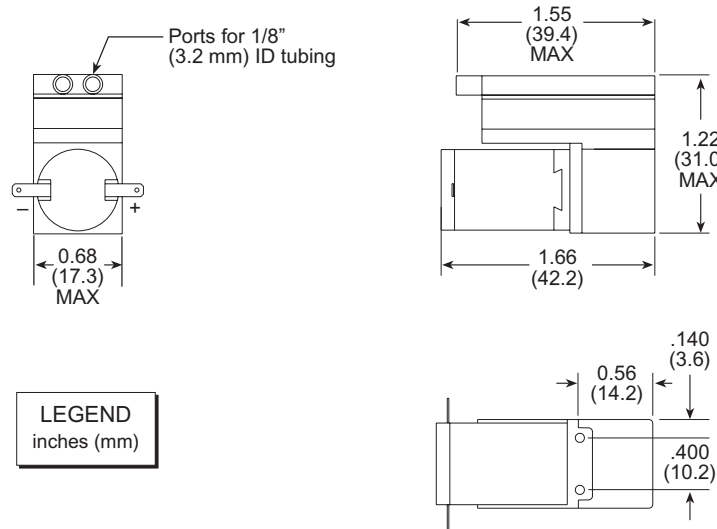


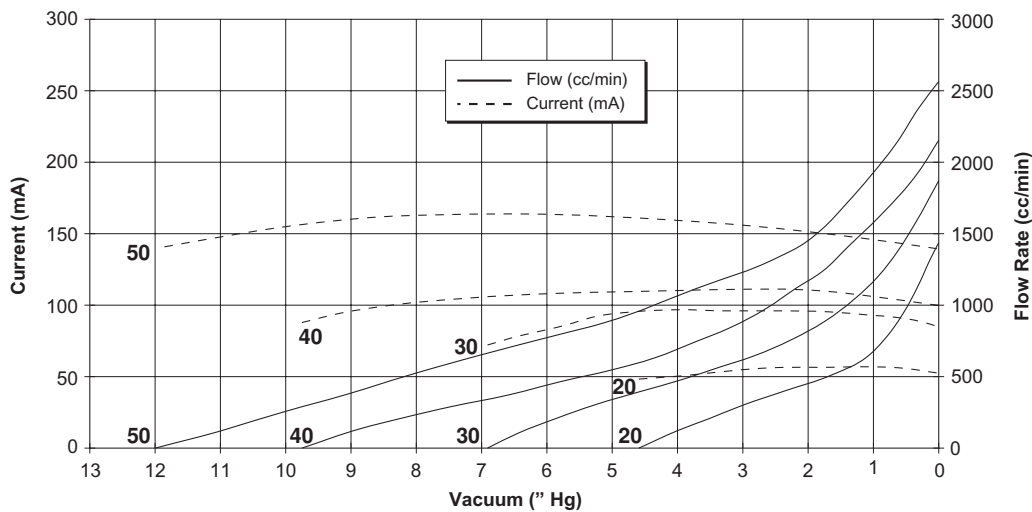
AA Series Micro Air Pump: Part No. AA090CNSN (Vacuum) Specifications

	Minimum Free Flow	Minimum Vacuum @ Dead Head	Maximum Current @ Free Flow
Model 20	1400 cc/min	4.5 " Hg (152 mbar)	75 mA
Model 30	1835 cc/min	6.9 " Hg (233 mbar)	95 mA
Model 40	2095 cc/min	9.7 " Hg (328 mbar)	115 mA
Model 50	2510 cc/min	12.0 " Hg (405 mbar)	175 mA
Rated Voltage	9.0 volts DC		
Motor Construction	Ironless Rotor		
Diaphragm Material	Neoprene (EPDM and Viton also available)		
Pump Body Material	Ryton		
Operating Temperature Range	32°–122°F (0°–50°C)		
Weight	1.2 oz (35 grams)		
Size	1.4 cubic inches		
Options	Counterweight (for vibration reduction); Four Port Locations; Ports for 3/32" (2.4 mm) I.D. Tubing.		

DIMENSIONS



PERFORMANCE



Performance curves are typical. Individual pump curves may vary.