

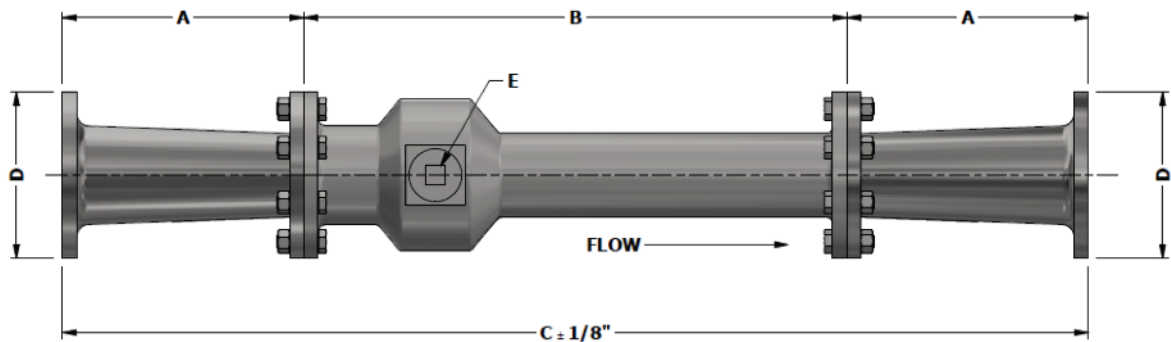
Venturi Aeration Performance Data

Model VA-800/1400

MODEL NO:	SIZE	HYDRAULIC REQUIREMENTS AT INLET		POWER REQUIREMENTS (SEE NOTE #2)	
		FLOW (L/S)	REQUIRED PRESSURE (SEE NOTE #1)	REQUIRED POWER (kW)	MOTOR SIZE (kW)
VA-800/1400	6" (150mm)	50-88	185 kPa	11.8-22.6	15-30

NOTE:

- #1. This figure [185 kPa] is the pressure required at the inlet of the Venturi to produce the best aspiration of air. Lower or higher pressure may be required where applicable.
- #2. Required power is based on minimum suction lift [$<2.0\text{m}$ dynamic], using Gorman-Rupp 80 Series, Super U Series or Ultra V Series pumps. Flooded suction pumps would require less power.



MODEL NO:	SIZE	A (mm)	B (mm)	C (mm)	D (mm)
VA-800/1400	6" (150mm)	406	914	1727	279

E – Air inlet port, threaded to accept a 76mm NPT pipe. An NPT/BSP conversion nipple can be supplied.

- Units are cast from Aluminum Magnesium alloy, AlMag 535.
- They are finished in a Powder Coat Poly in RAL 5005 Medium Royal Blue
- The nozzle is manufactured from a high-density polyurethane, HAPCO or equivalent.
- The venturi-aerator must be protected, insulated or isolated from contact with dissimilar metals, i.e., support brackets or non-aluminum piping.