

PUMP SPECIFICATIONS

PORT SIZE

- 1" ANSI 125lb FF

MAX FREE FLOW ON WATER AT 20°/68°F

- 87 LPM / 23 USGPM
(on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACE PER FULL CYCLE

- 0.196 Litres / 0.052 US Gallons

MIN/MAX WORKING PRESSURE @ 20°C/68°F

- 1.4-6.9 Barg / 20-100 Psig

PUMP BODY MIN/MAX WORKING TEMP

- Polypropylene - 4°-66°C / 40-150°F
- PVDF -4-107°C / 40-225°F

MAX PUMPABLE PARTICLE SIZE

- 3mm / 1/8"

MAX DRY SUCTION LIFT ON WATER

- 4.4 metres / 13 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 20 scfm / 34m³/hr

AIR INLET PORT SIZE

- 1/4" NPT female

AIR OUTLET PORT SIZE / MUFFLER

- 3/8" NPT female

MAX SOUND POWER LEVEL (DBA - ISO 9614-2)

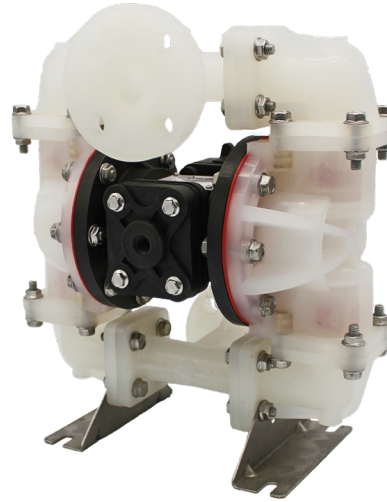
- 95 dBA
(at max air inlet pressure - will reduce with air pressure)

BODY MATERIALS AVAILABLE AND WEIGHT

- Polypropylene - 9 kg / 19 lb
- PVDF - 9 kg / 19 lb

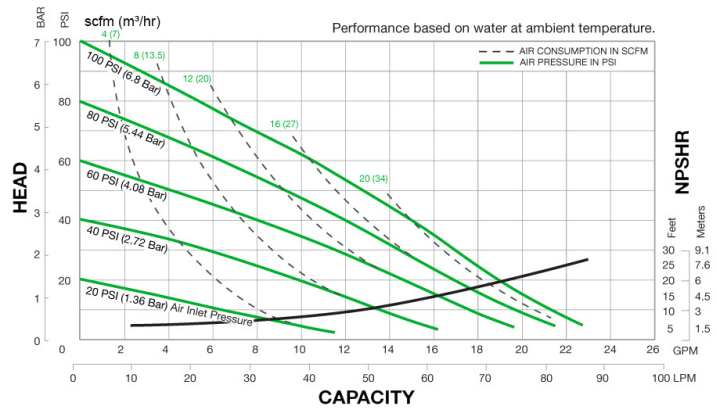
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE

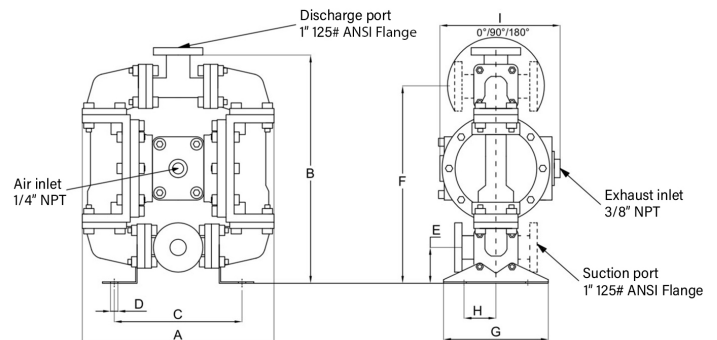


PERFORMANCE CURVE

Pump tested in water with inlet submerged



GA DRAWINGS



Port Size	Air Inlet Size	Exhaust Port Size	A	B	C	D	E	F	G	H	I mm/inches	
											standard muffler	metal muffler
											mm	mm
1" 125# ANSI Flange	1/4" NPT	3/8" NPT	300 11.81"	386 15.2"	184 7.24"	9 0.36"	64 2.52"	297 11.69"	143 5.63"	57 2.24"	179 7.05"	222 8.74"

