

PUMP SPECIFICATIONS

PORT SIZE

- 1/4" BSPT Female
- 1/4" NPT Female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 18.1 LPM / 4.8 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 0.4 Litres / 0.1 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 0.2 Litres / 0.05 US Gallons

MAX WORKING PRESSURE @ 20°C/68°F

- 6.8 Barg / 100 Psig

PUMP BODY MIN/MAX WORKING TEMP

- Polypropylene - 4-66°C / 40-150°F
- PVDF - 0-93°C / 32-200°F

MAX PUMPABLE PARTICLE SIZE

- 0.4mm / 1/64" in diameter

MAX DRY SUCTION LIFT ON WATER

- 2.5 metres / 7.5 feet

MAX WET SUCTION LIFT ON WATER

- 3.0 metres / 9 feet

MAX AIR CONSUMPTION

- 4.9 scfm / 8.3m³/hr

AIR INLET PORT SIZE

- 1/8" NPT female

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

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

BODY MATERIALS AVAILABLE AND WEIGHT

- Polypropylene - 1.49 kg
- PVDF - 1.6 kg

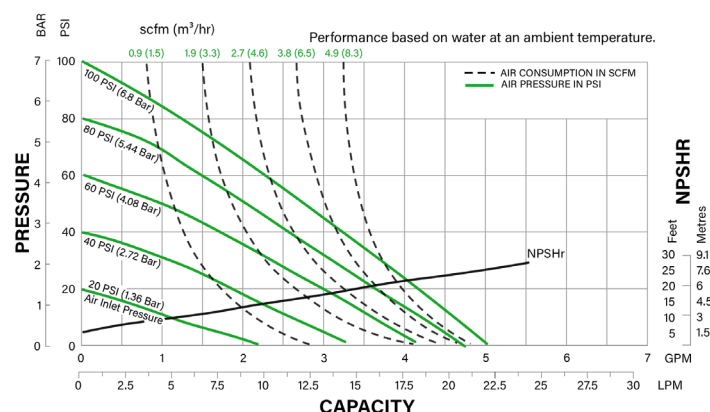
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- Neoprene
- PTFE
- PVDF
- Hytrel
- Polypropylene

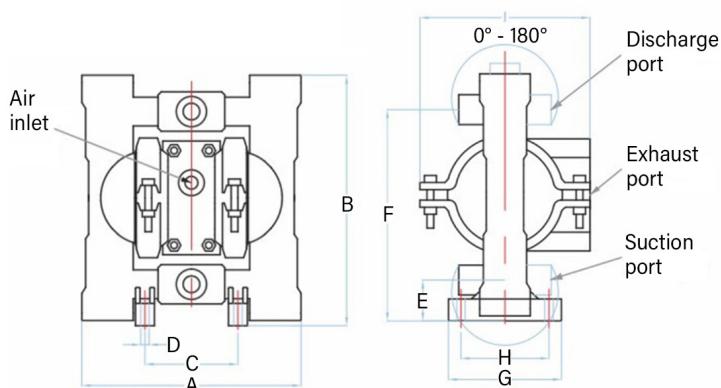


PERFORMANCE CURVE

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
1/4" NPT	1/8" NPT	N/A	145	162	61	5	25	140	64	54	114