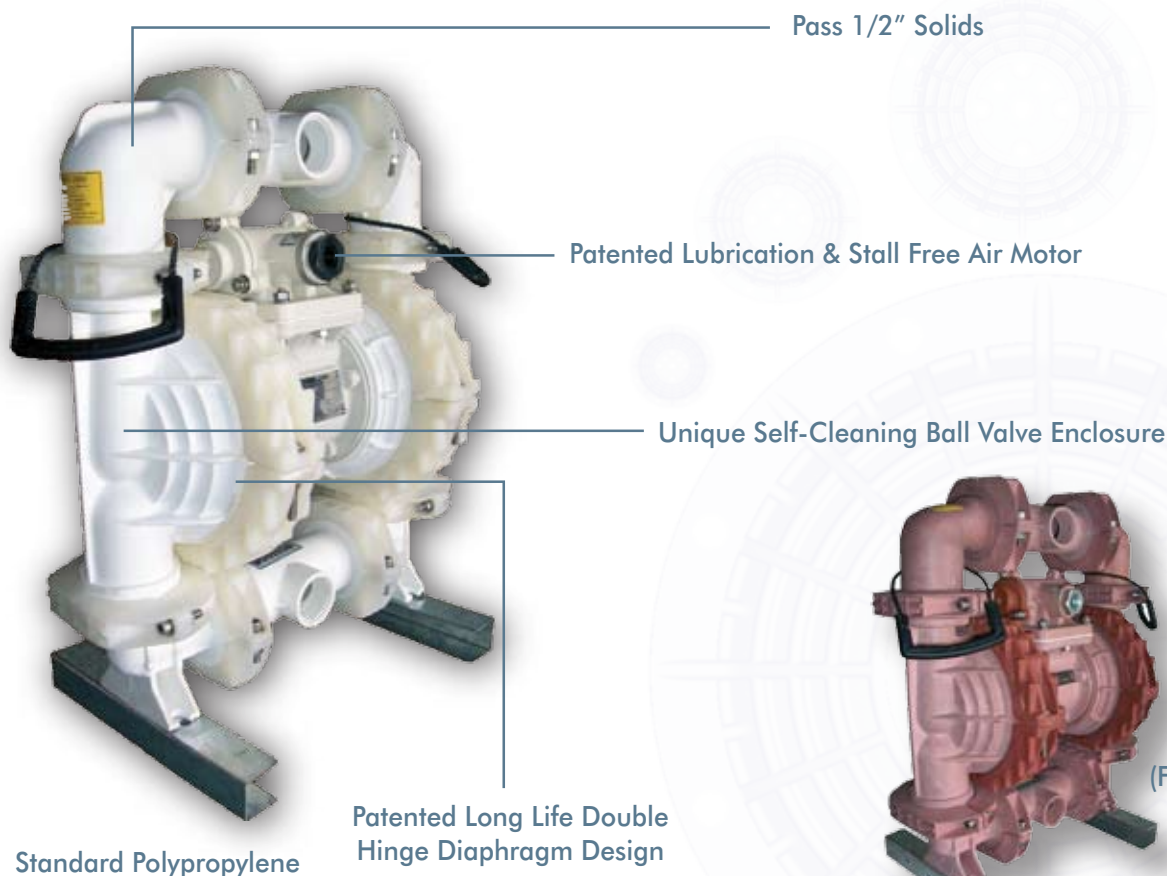




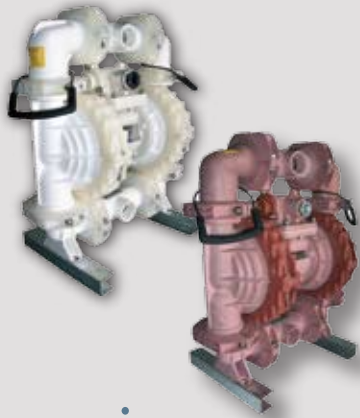
1.5" Pump



Low cost life cycle due to the following unique design advantages:

- Patented long life diaphragm & unique self-cleaning ball valve enclosure
- Low air consumption: 55cfm maximum
- True lube-free & stall-free air motor: less sensitive to abrasive particles in the air supply and no oil emissions in the exhaust air
- Low weight due to light weight plastic & aeronautical design approach. No need for metal pumps.
- Anti-icing: not affected by moisture in air line
- Large solids handling (up to 1.5 inches on 2" pump)
- High suction lift (27' rated both wet and dry)
- Longer lasting air motor due to unique design and modular components that eliminate the need to replace entire motor when worn.
- Conductive plastic (FRASplas) pumps are safe for explosive environments. Rated and certified to ATEX M1
- Low noise level (84dBA or lower)

Dual Diaphragm Pump 1.5" Pump



Superior Ball Valve

"Pumps 2000" air operated double diaphragm pumps were specifically designed for harsh mining duties and are guaranteed to out perform and out last the competition due to a number of patented design features. The light weight feature provides ease of mobility and reduces the risk of injury. Low air consumption and long lasting lubrication free parts means low cost running and reduced maintenance. Suitable for pumping applications in all industries.

Materials of Construction

	1½" (38mm) Standard	1½" (38mm) FRAS	1½" (38mm) Acid
PUMP BODY PARTS	Polypropylene	FRASplas®	Polypropylene
DIAPHRAGM	Hytre®♣	Hytre®♣	Santoprene®♠
O'RING SEALS	Buna N	Buna N	Viton®♣
METAL COMPONENTS	Stainless Steel	Stainless Steel	SAFF
VALVE BALLS	Buna N	Buna N	Teflon®♣

**Note Special Builds are also available on request

FLOW RATE : 0-80 GPM (0-300LPM)

AIR CONSUMPTION : 55 CFM (1558 PM) Maximum

OPERATING AIR PRESSURE : 100 PSI (7 BAR) **Max 125 PSI (8.5 BAR)**

PORT SIZE : 1½" (38mm) Female BSP or NPT

AIR INLET CONNECTION : 1" (25mm) Female BSP or NPT

AIR EXHAUST CONNECTION : ¾" (20mm) Female BSP or NPT

VERTICAL DELIVERY : 230ft (70 Meters) (Max Rec. 164ft (50 Meters))

MAXIMUM SUCTION LIFT : 27ft (8 Meters) Wet or Dry

MAXIMUM PARTICLE SIZE : ½" (12 millimeters) spherical

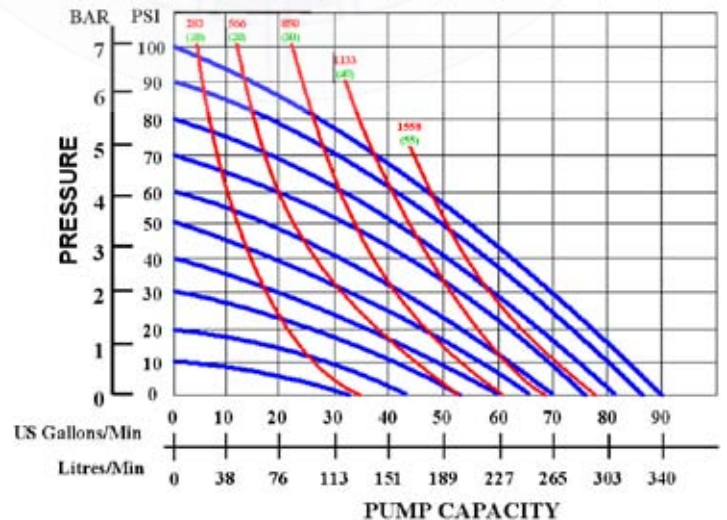
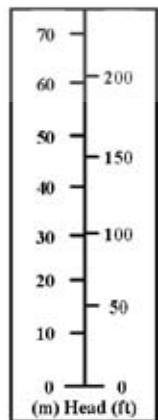
NOISE LEVEL : 84dBA (3ft (1 meter) in front of exhaust)

PUMP MASS : 26lbs (12 kg)- Poly. 37lbs (17kg) - Fras.

NOTES:

♣ HYTRE®, VITON® and TEFLON® are the registered trademarks of DuPont Dow Elastomers
 ♠ SANTOPRENE® is the registered trademark of Advanced Elastomer Systems
 FRASplas® is registered to Adris Pty Ltd

Performance Curve



■ = AIR PRESSURE ■ = AIR CONSUMPTION l/min (cfm)



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