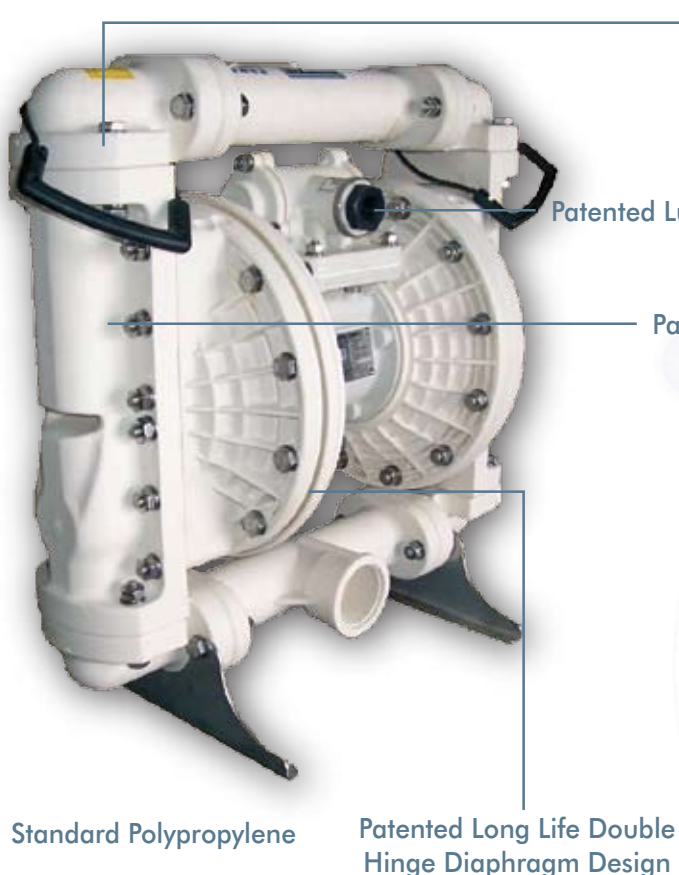




**2" Pump**



Pass 1.5" Solids

Patented Lubrication & Stall Free Air Motor

Patented Self-Cleaning Slurry Valve Design

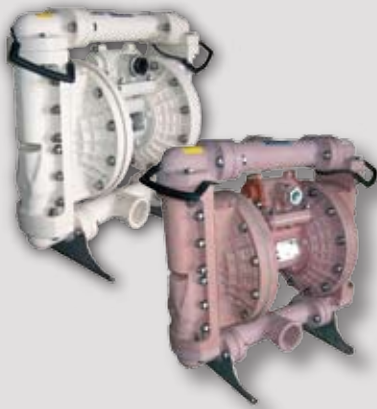


Conductive Plastic  
FRASplas™  
(Fire Retardant Antistatic  
Plastic Pump -  
Safe for Explosive  
Environments)

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

- Patented long life diaphragm & self-cleaning slurry valve design
- Low air consumption: 70cfm 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 2" Pump



## Slurry 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

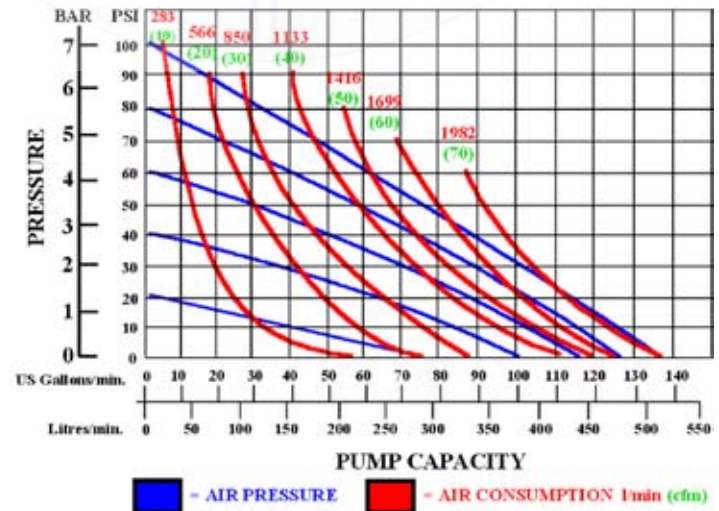
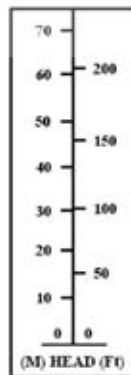
	2" (50mm) Standard	2" (50mm) FRAS	2" (50mm) Acid
<b>PUMP BODY PARTS</b>	Polypropylene	FRASplas®	Polypropylene
<b>DIAPHRAGM &amp; VALVES</b>	Hytrel®♣	Hytrel®♣	Santoprene®♣
<b>O'RING SEALS</b>	Buna N	Buna N	Viton®♣
<b>METAL COMPONENTS</b>	Stainless Steel	Stainless Steel	SAFF

\*\*Note Special Builds are also available on request

- FLOW RATE : 0-130 GPM (0-500LPM )
- AIR CONSUMPTION : 70 CFM. Maximum
- OPERATING PRESSURE : 100 PSI (7 BAR) **Max 125 PSI (8.5 BAR)**
- PORT SIZE : 2" (50mm) 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 : 1½ inch (39 millimeters) spherical
- NOISE LEVEL : 84dBA (3ft (1 meter) in front of exhaust)
- PUMP MASS : 41lbs (19 kg) - Poly. 55lbs (25 kg) - Fras.

NOTES:  
 ♣ HYTREL®, 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



562 Alpha Drive  
 Pittsburgh, PA 15238  
 Telephone: 412.963.9200  
 Toll-Free: 1.800.245.6211  
 Fax: 412.963.9214  
 E-mail: info@megator.com  
 www.megator.com

AVAILABLE FROM



I M1 c and II 1 GD c T6  
 0°C ≤ Ta ≤ 60°C  
 Certificate No. Sira 06ATEX6006



I M2 c and II 2 GD c T6  
 0°C ≤ Ta ≤ 60°C  
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