



1.5" Pump

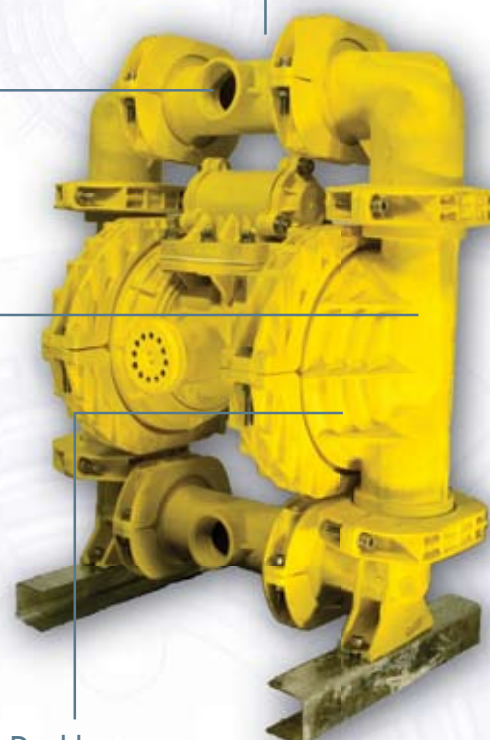
Pass 1/2" Solids

Patented Lubrication & Stall Free Air Motor

Unique Self-Cleaning
Ball Valve Enclosure

Patented Long Life Double
Hinge Diaphragm Design

General Purpose Yellow



Special Applications white



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 & unique self-cleaning ball valve enclosure
- Low air consumption: 55 cfm 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)

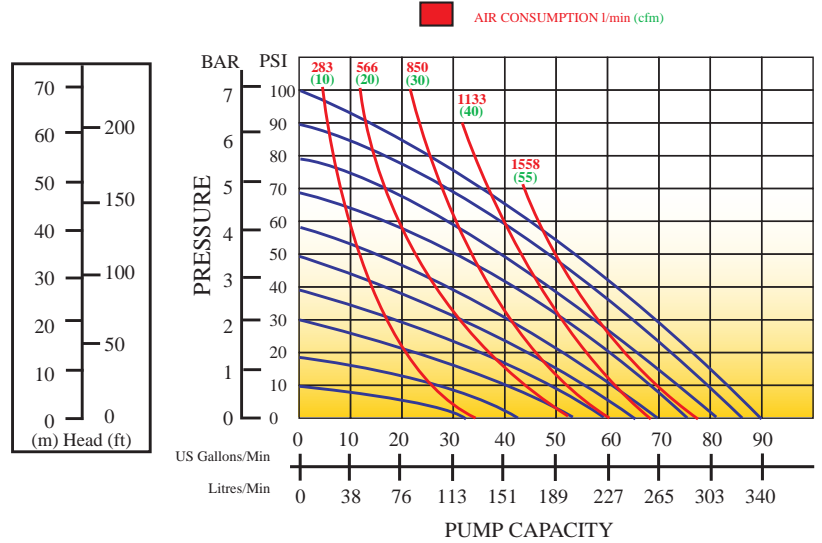
Dual Diaphragm Pump 1.5" Pump



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.

Performance Curve



Flow Rate	0-80 GPM (0-300 L/min)
Air Consumption	55 CFM. Maximum
Operating Pressure	100 PSI (7 BAR) (Max 125PSI)
Port Size	1½ inch
Air Inlet Connection	1 inch
Air Exhaust Connection	¾ inch
Vertical Delivery	230 feet
Maximum Suction Lift	27 feet
Maximum Particle Size	½ inch
Noise Level	84 dBA
Weight	26/37 Pounds



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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
 Certificate No. Sira 06ATEX6006