

Patented Lubrication & Stall Free Air Motor

Patented Long Life Diaphragm Design

Self-Cleaning Ball Valve Enclosure

Pass 5/16 Inch Solids



Red Series
FRASplas Body-
Fire Retardant
Antistatic
Construction -
Safe for Explosive
Environments-
Atex M1 Rating



Ebony Series
Noryl Body-
Corrosive
Resistant
Internals- For
Acids And Other
Hazardous
Liquids.

Yellow Series
General Purpose
Nylon Body

- Patented long life diaphragm & self-cleaning valve
- Low air consumption
- 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 5/16" on 1" pump)
- High suction lift (rated to 19' dry and 27' wet)
- Longer lasting air motor due to unique design and modular components that eliminate the need to replace the entire motor when worn.
- Conductive plastic (FRASplas) pumps are safe for explosive environments. Rated and certified to ATEX M1
- Low noise level

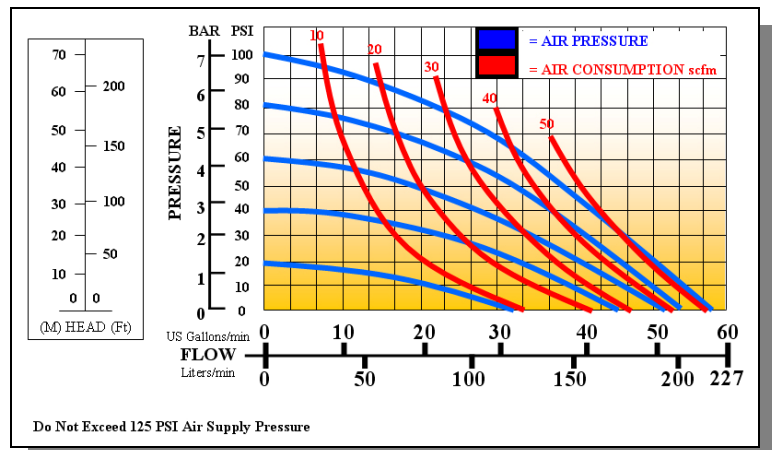
Dual Diaphragm 1" Pump



Ball Valve

“Pumps 2000” air operated dual diaphragm pumps were specifically designed for harsh mining duties and are guaranteed to outperform and outlast 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 :	0-58 gpm
AIR PRESSURE :	Up to 100 psi
FLUID CONNECTION:	1 inch (Internal Thread)
AIR INLET PORT:	1/2 inch (Internal Thread)
EXHAUST PORT:	3/4 inch (Internal Thread)
DELIVERY PRESSURE :	Tested to 87 psi
SUCTION PRESSURE :	Tested to 19 ft dry and 27 ft wet
PARTICLE SIZE :	Maximum 5/16 inches
PUMP WEIGHT :	17 pounds

MEGATOR Corp. /
PUMPS 2000 AMERICA
 1721 Main St.
 Pittsburgh, PA 15215
 Telephone: 412.963.9200
 Toll-Free: 1.800.245.6211
 Fax: 412.963.9214
 E-mail: info@pumps2000america.com
 www.pumps2000america.com

AVAILABLE FROM



IM1 c and II 1 GD c T6
 0°C ≤ Ta ≤ 60°C
 Certificate No. Sira 06ATEX6006



IM2 c and II 2 GD c T6
 0°C ≤ Ta ≤ 60°C
 Certificate No. Sira 06ATEX6006