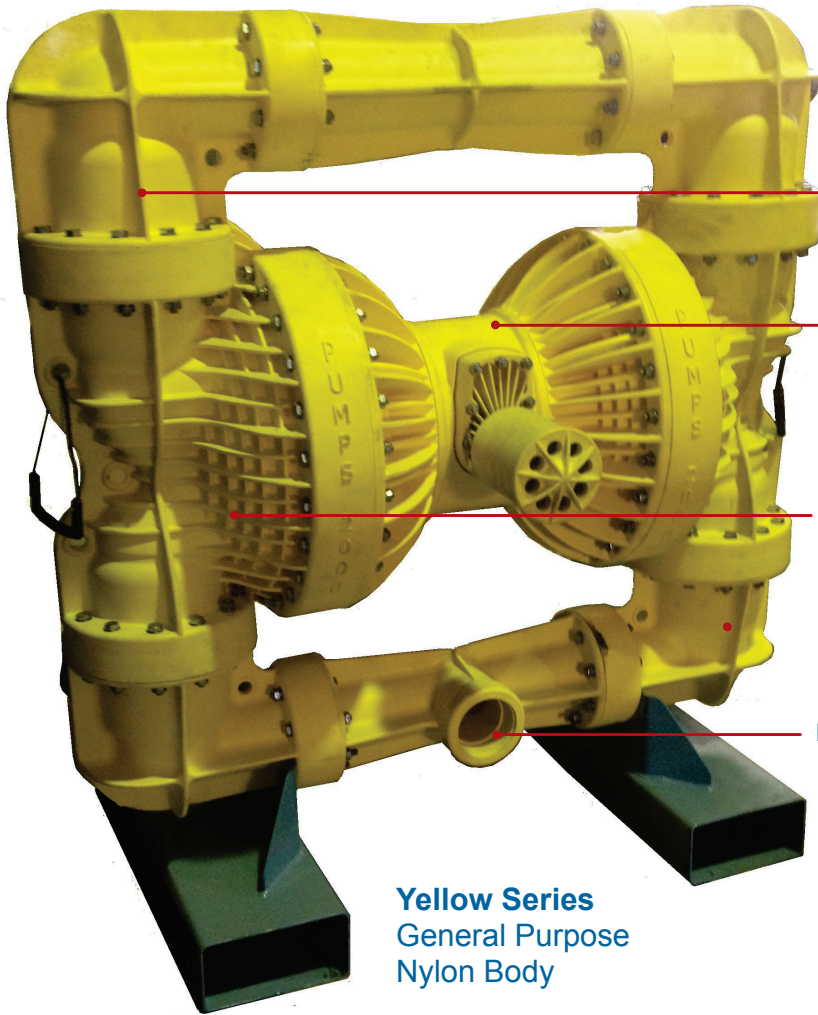


High-Volume Dual Diaphragm Pump

HV 3" / 75mm Ball Valve



Self-Cleaning Ball
Valve Enclosure

Patented Lubrication
& Stall Free Air Motor

Patented Long Life
Diaphragm Design

Pass 1.3" / 33mm Solids

Yellow Series
General Purpose
Nylon Body

Optional Materials

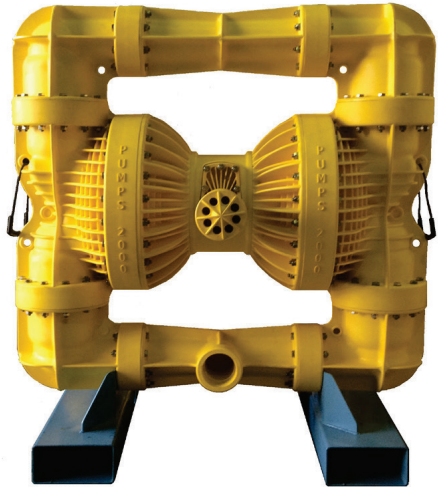


Red Series

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

Features / Benefits

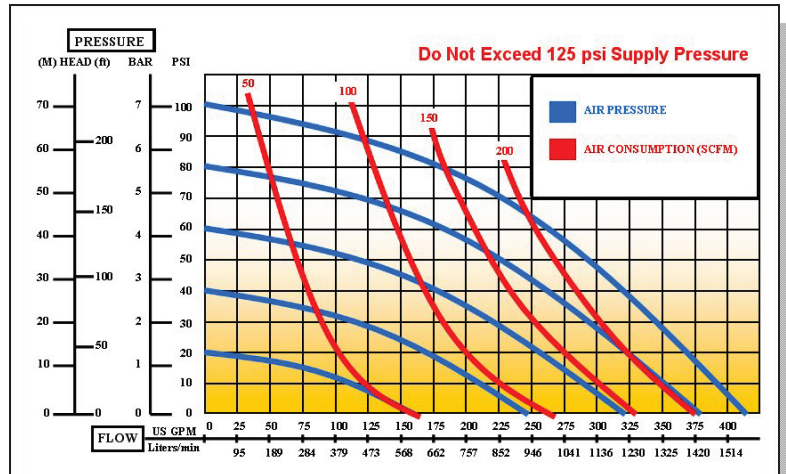
- Patented long life diaphragm & self-cleaning valve
- Low air consumption
- True lube-free & stall-free air motor: less sensitive to abrasive particles in the air supply and no oil emissions in the exhaust air
- Low weight due to light weight plastic & aeronautical design approach. No need for metal pumps
- Anti-icing: not affected by moisture in air line
- Large solids handling
- High suction lift
- 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



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



AIR PRESSURE: Tested at 100 psi (Not to exceed 125 psi)

FLOW RATE: 0-416 gpm / 1575 lpm

FLUID CONNECTION: 3" Internal Thread)

AIR INLET PORT: 1" (Internal Thread)

EXHAUST PORT: 1-1/2" (Internal Thread)

DELIVERY PRESSURE: Tested to 87 psi

SUCTION PRESSURE: Tested to 19' / 5.8m dry and 31' / 9.5m wet

PARTICLE SIZE: 1.3" / 33mm Spherical

PUMP WEIGHT: From 294 lbs / 133kg

Available from:



www.pumps2000america.com

