

Self-Cleaning Slurry Valve Design

Patented Lubrication & Stall Free Air Motor

Patented Long Life Diaphragm Design

Pass 3" / 75mm Solids

**Yellow Series**  
General Purpose  
Nylon Body



**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

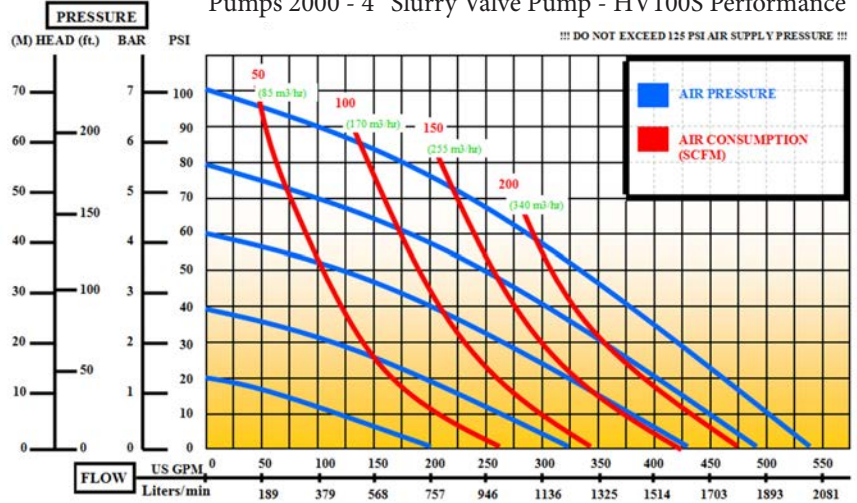
## Performance Curve



### Slurry 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.

Pumps 2000 - 4" Slurry Valve Pump - HV100S Performance



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

FLOW RATE: 0-540 gpm / 2044 lpm

FLUID CONNECTION: 4" (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 30.5' / 9.3m dry and wet

PARTICLE SIZE: 3" / 75mm Spherical

PUMP WEIGHT: From 320 lbs / 145kg

Available from:



[www.pumps2000america.com](http://www.pumps2000america.com)

