



PPAODD SERIES

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

FEATURES :

- No electrical motor required-non sparking
- No mechanical seal or gland packing
- The pumps can run dry indefinitely without damage.
- Safe for use in hazardous / explosive environments.
- Variable flow at different air pressure
- Self-priming from a dray start.
- Pressure up to 100 PSI (7 bar).
- Gentle non-shearing action.
- Quick assembly and disassembly.
- Can lift any thing from powder to viscous materials.
- Can be supplied on trolley for mobile operation.

APPLICATION

- Solvents
- Acids
- Caustics
- High Viscous Liquids
- Abrasive media
- Hazardous & Flammable Liquids

PPAODD-150

Max Flow Rate	: 40 Lpm
Port Size	: Intel : 12.70 mm (½" BSP) Discharge : 12.70 mm (½" BSP) Air Inlet : 6.85 mm (¼" BSP) Air Exhaust : 12.70 mm (½" BSP)
Suction Lift	: Dry : 1.45 m (4.75') Wet : 2.83 m (9.28')
Teflon	: Dry : 0.50 m (1.64') Wet : 0.90 m (2.95')
Max Particle Size (Dia)	: 2 mm (0.078")
Best Suitable for Filter Press & Transfer.	

PPAODD-400

Max Flow Rate	: 270 Lpm
Port Size	: Intel : 38.10 mm (½" BSP) Discharge : 38.10 mm (1 ½" BSP) Air Inlet : 9.64 mm (⅜" BSP) Air Exhaust : 12.70 mm (½" BSP)
Suction Lift	: Dry : 4.57 m (15') Wet : 7.62 m (25')
Teflon	: Dry : 3.05 m (10') Wet : 6.09 m (20')
Max Particle Size (Dia)	: 4.76 mm (0.188")
Best Suitable for Filter Press & Transfer.	



MATERIAL OF CONSTRUCTION :

Investment Cast CF8M (SS-316)
Aluminum
Polypropylene (PP)
Polypropylene Fluoride (PVDF)

PPAODD-300

Max Flow Rate	: 135 Lpm
Port Size	: Intel : 25.40 mm (1" BSP) Discharge : 25.40 mm (1" BSP) Air Inlet : 9.53 mm (⅜" BSP) Air Exhaust : 12.70 mm (½" BSP)
Suction Lift	: Dry : 3.05 m (10') Wet : 4.89 m (16')
Teflon	: Dry : 2.14 m (7') Wet : 3.98 m (13')
Max Particle Size (Dia)	: 3.17 mm (0.125")
Best Suitable for Filter Press & Transfer.	

PPAODD-500

Max Flow Rate	: 586 Lpm
Port Size	: Intel : 50.80 mm (2" BSP) Discharge : 50.80 mm (2" BSP) Air Inlet : 12.70 mm (½" BSP) Air Exhaust : 19.05 mm (¾" BSP)
Suction Lift	: Dry : 4.57 m (15') Wet : 7.60m (25')
Teflon	: Dry : 3.05 m (10') Wet : 6.09 m (20')
Max Particle Size (Dia)	: 6.35 mm (0.250")