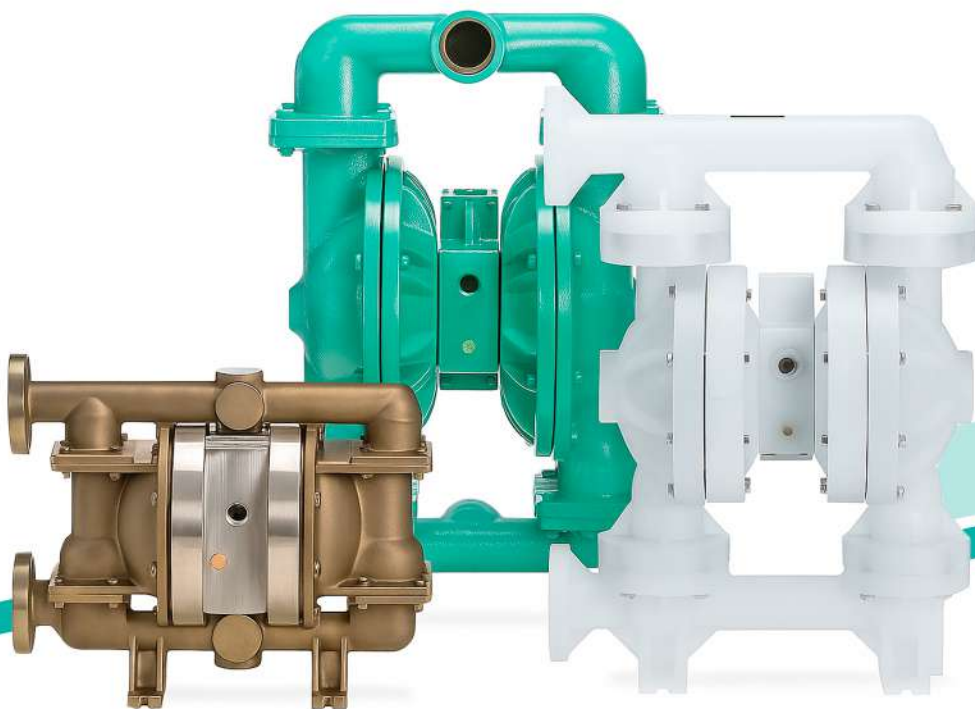




AIRFLOW (TAODX) – AIR OPERATED DOUBLE DIAPHRAGM PUMPS



BENEFITS OF AODD PUMPS

- Runs dry without any damage
- Efficiently pumps solid-laden fluids
- Self-priming
- Ability to deadhead safely without damage
- Does not shear products while pumping
- Does not need electricity, operates on compressed air
- Initial purchasing price is less in comparison to other pumps
- Performs well even when completely submerged
- Sealless design without any packing requirements
- Variable flow and head pressures

APPLICATIONS

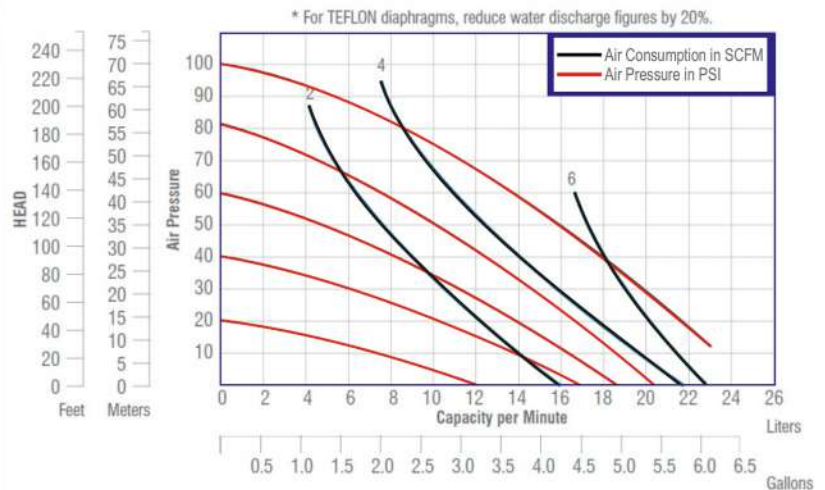
- Powder
- Solvents
- Paint
- Pulp & paper
- Chemical
- Construction
- Marine
- Food & Beverage
- Oil & Gas
- Waste water treatment
- Mining





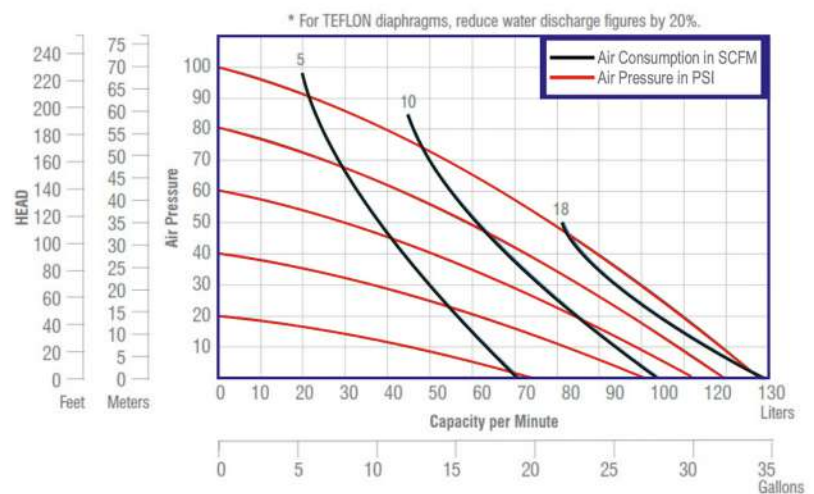
TAODX - 150 (1/2")

Technical Data	
Max Flow Rate	30 LPM
Max Suction Lift – Dry Condition	1.45 m(Rubber Diaphragm)
	0.50 m (PTFE Diaphragm)
Max Suction Lift – Wet Condition	2.83 m(Rubber Diaphragm)
	0.90 m (PTFE Diaphragm)
Max Particle Size	2.0 mm
Air Inlet Pressure	2 - 6 kg/cm2
Suction Port	(12.07 mm) 1/2" BSP Threaded
Discharge port	(12.07 mm) 1/2" BSP Threaded
Air Inlet Port	3/8" BSP Threaded
Air Exhaust	1/2 " BSP Threaded



TAODX - 300 (1")

Technical Data	
Max Flow Rate	135 LPM
Max Suction Lift – Dry Condition	3.05 m(Rubber Diaphragm)
	2.14 m (PTFE Diaphragm)
Max Suction Lift – Wet Condition	4.89 m(Rubber Diaphragm)
	3.98 m (PTFE Diaphragm)
Max Particle Size	3.17 mm
Air Inlet Pressure	2 - 6 kg/cm2
Suction Port	(25.4 mm) 1" BSP Threaded/Flanged
Discharge port	(25.4 mm) 1" BSP Threaded/Flanged
Air Inlet Port	3/8" BSP Threaded
Air Exhaust	1/2 " BSP Threaded



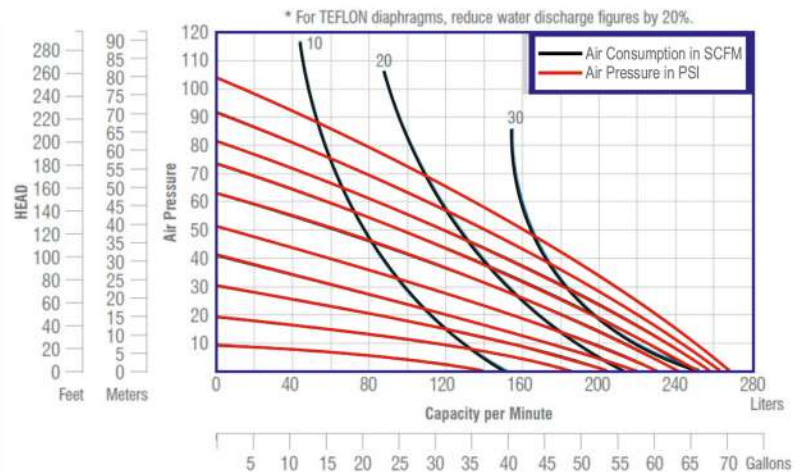
Note : The above data refer to a positive suction head operating with water at room temperature. All the information indicated may vary without notice.





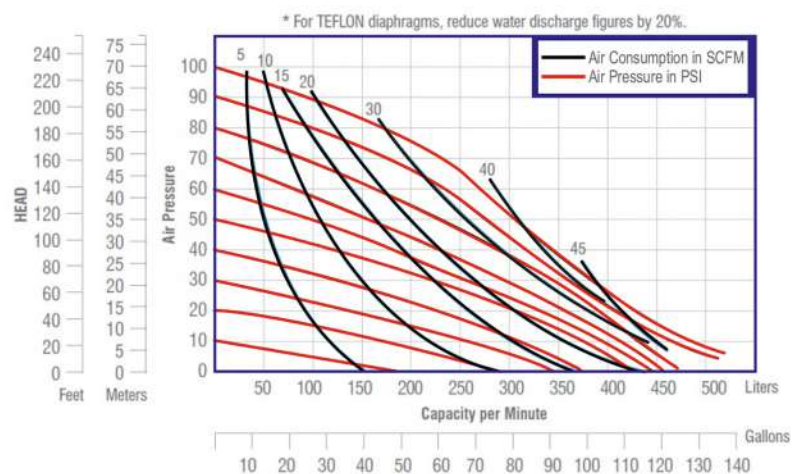
TAODX - 400 (11/2")

Technical Data	
Max Flow Rate	230 LPM
Max Suction Lift – Dry Condition	4.75 m(Rubber Diaphragm)
	3.05 m (PTFE Diaphragm)
Max Suction Lift – Wet Condition	7.62 m(Rubber Diaphragm)
	6.09 m (PTFE Diaphragm)
Max Particle Size	4.76 mm
Air Inlet Pressure	2 - 6 kg/cm ²
Suction Port	(38.0 mm) 1-1/2" BSP Threaded/Flanged
Discharge port	(38.0 mm) 1-1/2" BSP Threaded/Flanged
Air Inlet Port	3/8" BSP Threaded
Air Exhaust	3/4 " BSP Threaded



TAODX - 500 (2")

Technical Data	
Max Flow Rate	350 LPM
Max Suction Lift – Dry Condition	4.57 m(Rubber Diaphragm)
	3.05 m (PTFE Diaphragm)
Max Suction Lift – Wet Condition	7.62 m(Rubber Diaphragm)
	6.09 m (PTFE Diaphragm)
Max Particle Size	6.35 mm
Air Inlet Pressure	2 - 6 kg/cm ²
Suction Port	(50.80 mm) 2" BSP Threaded/Flanged
Discharge port	(50.80 mm) 2" BSP Threaded/Flanged
Air Inlet Port	3/8" BSP Threaded
Air Exhaust	3/4 " BSP Threaded



Note : The above data refer to a positive suction head operating with water at room temperature. All the information indicated may vary without notice.



HOW TO SELECT RIGHT DIAPHRAGM PUMP FOR YOUR APPLICATION

FOLLOW THE STEPS OUTLINED HERE TO HELP US SELECT BEST SUITABLE MODEL.

- Liquid
- Viscosity
- PH value
- Specific Gravity
- Size of Suspended Solids, if any
- Discharge rate Required
- Head at which discharge is Required
- Suction head if any
- Pipe line diameter intended/existing and no. of bends

WETTED PARTS M.O.C :-

M.O.C	Body	Diaphragm	Ball Valve	Valve Seat	O-ring	Air-Distribution System	Bolted/Clamp
POLYPROPYLENE							
PTT	Polypropylene	PTFE+Santoprene	PTFE	Polypropylene	PTFE/VITON	NSV/PFF	Bolted/Clamp
PST/PSS	Polypropylene	Santoprene	PTFE/Santoprene	Polypropylene	Neoprene	NSV/PFF	Bolted/Clamp
PRR	Polypropylene	RUBBER	RUBBER	Polypropylene	Neoprene	NSV/PFF	Bolted/Clamp
STAINLESS STEEL							
STT	Stainless steel	PTFE+Santoprene	PTFE	Stainless steel	PTFE	NSV/PFF	Bolted
SST	Stainless steel	Santoprene	PTFE	Stainless steel	PTFE	NSV/PFF	Bolted
ALUMINIUM							
ATT	Aluminium	PTFE+Santoprene	PTFE	Aluminium	PTFE	NSV/PFF	Bolted
AST/ASS	Aluminium	Santoprene	PTFE/Santoprene	Aluminium	Neoprene	NSV/PFF	Bolted
ARR	Aluminium	RUBBER	RUBBER	Aluminium	Neoprene	NSV/PFF	Bolted
PVDF							
PVTT	PVDF	PTFE+Santoprene	PTFE	PVDF	PTFE	NSV/PFF	Bolted/Clamp

INDIA

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