

Air-Operated Double Diaphragm Pumps



3/8" TC-X102 Series

The TC-X 102 pumps are compact pumps available only in Glass Fiber Reinforced Polypropylene (PPG) and offer a chemically resistant air section.

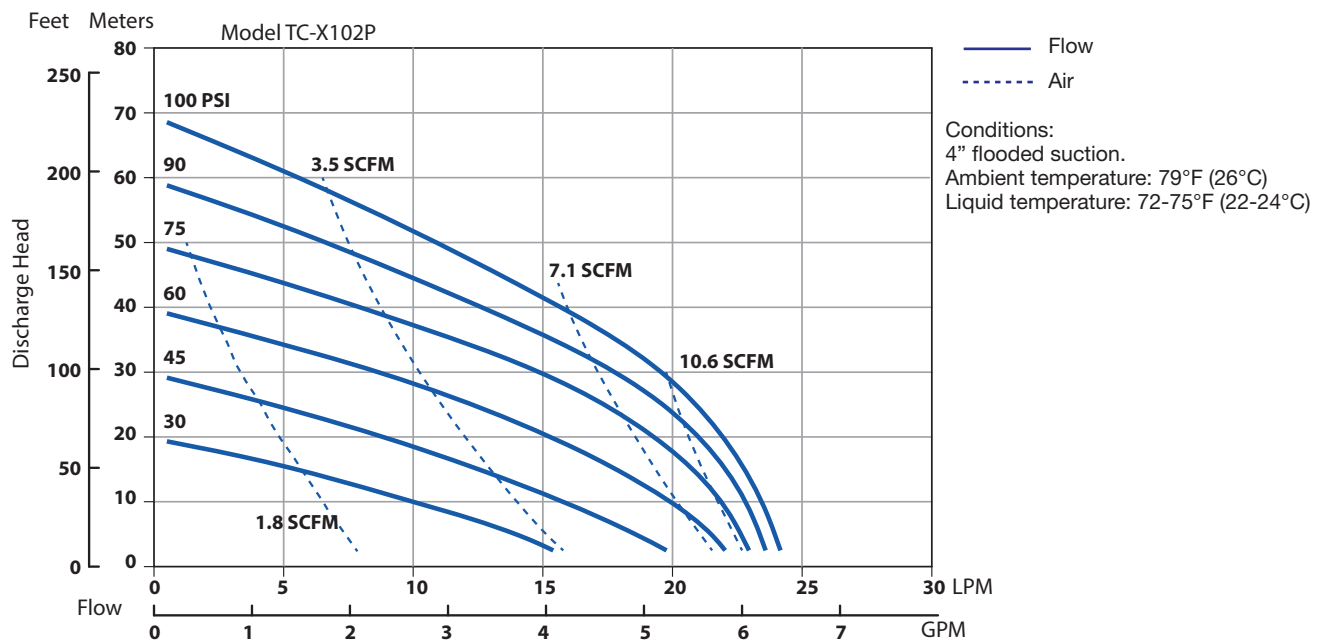
Maximum Flow Rate: 6.3 GPM (24 L/Min)
 Maximum Discharge Head: 230 ft (70 m)
 Available in: Glass Fiber Reinforced Polypropylene (PPG)
 Shuttle valve type: C-Spring Valve
 Certification: CE



SPECIFICATIONS	
Material Code*	P "X"
Max Flow Rate	6.3 GPM (24 LPM)
Max Air Pressure	100 PSI (0.7 MPa)
Max Air Consumption	14.1 scfm (400 L/min)
Supply Air Pressure Range ¹	30-100 PSI (0.2-0.7 MPa)
Liquid Discharge Volume per cycle	2.4 oz (70 mL)
Connection Suction x Discharge	NPT 3/8"
Weight	7.7 lbs (3.5 kg)

* See Chart and Model Number nomenclature on back page for materials
 Note 1: A supply air pressure of 30 PSI (0.2 MPa) or more is required to operate the pump. If the supply pressure is less than 30 PSI (0.2 MPa), the pump may not operate properly.
 Liquid Temperature Range: 32-140°F (0-60°C)
 Ambient Temperature Range: 32-158°F (0-70°C)
 Slurry Recommendation: 1mm or less
 Limitation of Viscosity: ~500 cps (0.5 Pa·s)

PERFORMANCE CURVES

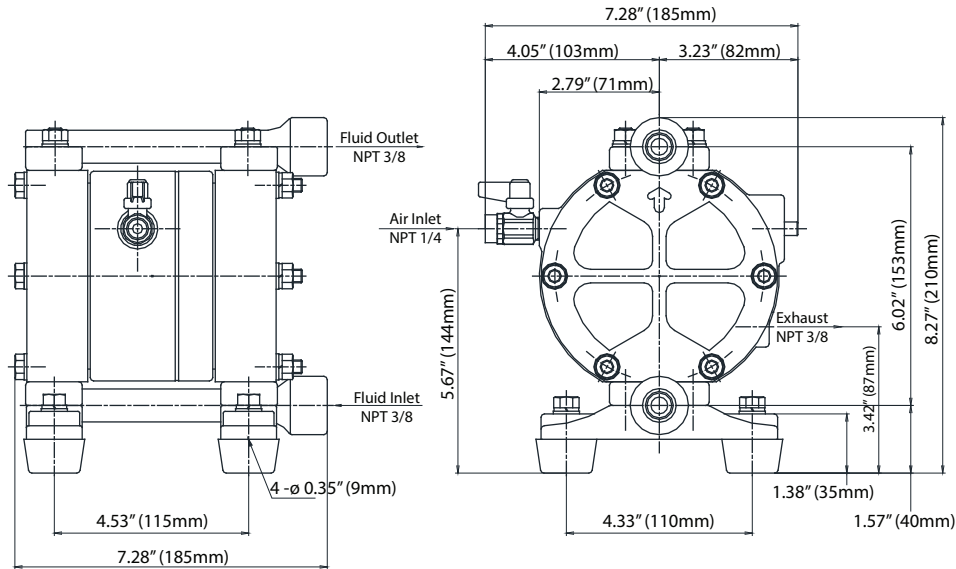


3/8" TC-X102 Series

SPECIFICATIONS					
Model	TC-X102				
Part Name	PC	PN	PT	PH	PS
Pump wetted parts	PPG				
Diaphragm	CR	NBR	PTFE	TPEE	TPO
Ball Valve	CR	NBR	PTFE	NBR	EPDM
Valve Seat/Stopper	PPG				
Center Disk	PPG (SS303*)				

PPG Glass Fiber Reinforced Polypropylene TPEE Thermoplastic Polyester Elastomer (Hytril™) *SS303 Stainless Steel Grade 303 (Insert material)
 PTFE Polytetrafluoroethylene (Teflon®) TPO Thermoplastic PolyOlefin (Santoprene®)
 CR Chloroprene Rubber (Neoprene™) EPDM Ethylene Propylene Diene Monomer (Nordel™)
 NBR Nitrile Rubber (Buna®)

DIMENSIONS



MODEL NUMBER NOMENCLATURE

