

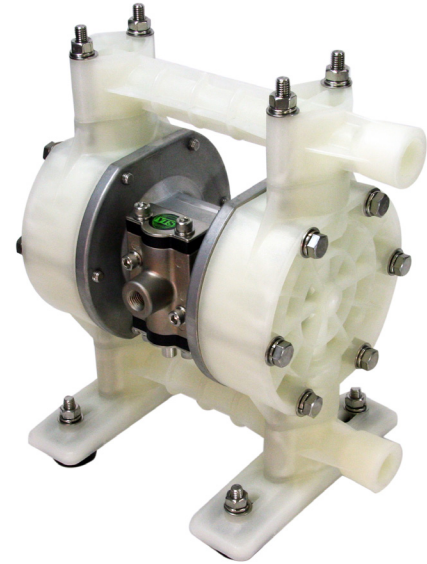
Air-Operated Double Diaphragm Pumps



1/2" TC-X150 Series

The TC-X150 pump is specially designed for reliable start/stop and running against dead head & high pressure type applications.

Maximum Flow Rate: 7.4 GPM (28 L/Min)
 Maximum Discharge Head: 230 ft (70 m)
 Available in: Glass Fiber Reinforced Polypropylene (GFRPP)
 Shuttle valve type: Legacy Valve
 Check Valves: Flat and Ball options
 Certification: CE



SPECIFICATIONS

Material Code*	G"X"
Max Flow Rate	7.4 GPM (28 LPM)
Max Air Pressure	100 PSI (0.7 MPa)
Max Air Consumption	10.6 scfm (300 L/min)
Supply Air Pressure Range ¹	30-100 PSI (0.2-0.7 MPa)
Liquid Discharge Volume per cycle	1.7 oz (50 mL)
Connection Suction x Discharge	NPT 1/2"
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.

Pump Liquid Temperature Range: 32-180°F(0-82°C)

Ambient Temperature Range: 32-158°F (0-70°C)

Not recommended for use with slurry liquid.

Viscosity Limit: ~500 cps (0.5 Pa-s) (Please contact your distributor for more details)

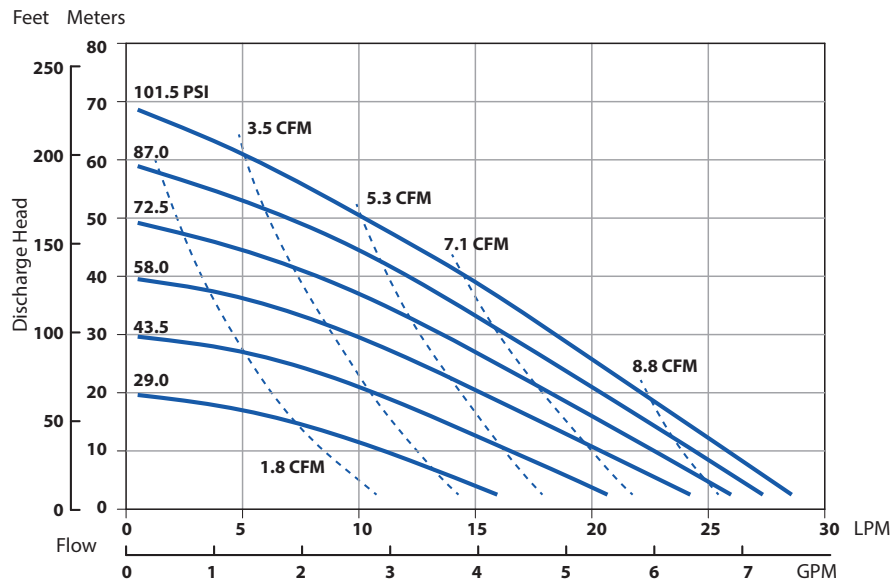
Suction Lift: Flat Valve Dry: 6.5' (2 meters) Ball Valve Dry: 5' (1.5 meters) Wet (Primed): 26.2' (8 meters)

PERFORMANCE CURVES

TC-X150G

— Flow
 - - - Air

Conditions:
 4" (10 cm) flooded suction.
 Ambient temperature: 79°F (26°C)
 Liquid temperature: 73-77°F (23-25°C)



WET END MATERIALS

Model	Part Name	GC	GN	GT	GH	GS
TC-X 150	Pump Wetted Parts	GFRPP				
	Diaphragm	Neoprene™	BUNA	PTFE	Hyrel™	Santoprene®
	Flat Valve	PTFE				
	Valve Seat	GFRPP				
	Outer Diaphragm Plate	GFRPP (SS303*)				
	Center Body	Aluminum (ADC12)				

GFRPP
PTFE
Neoprene™
BUNA

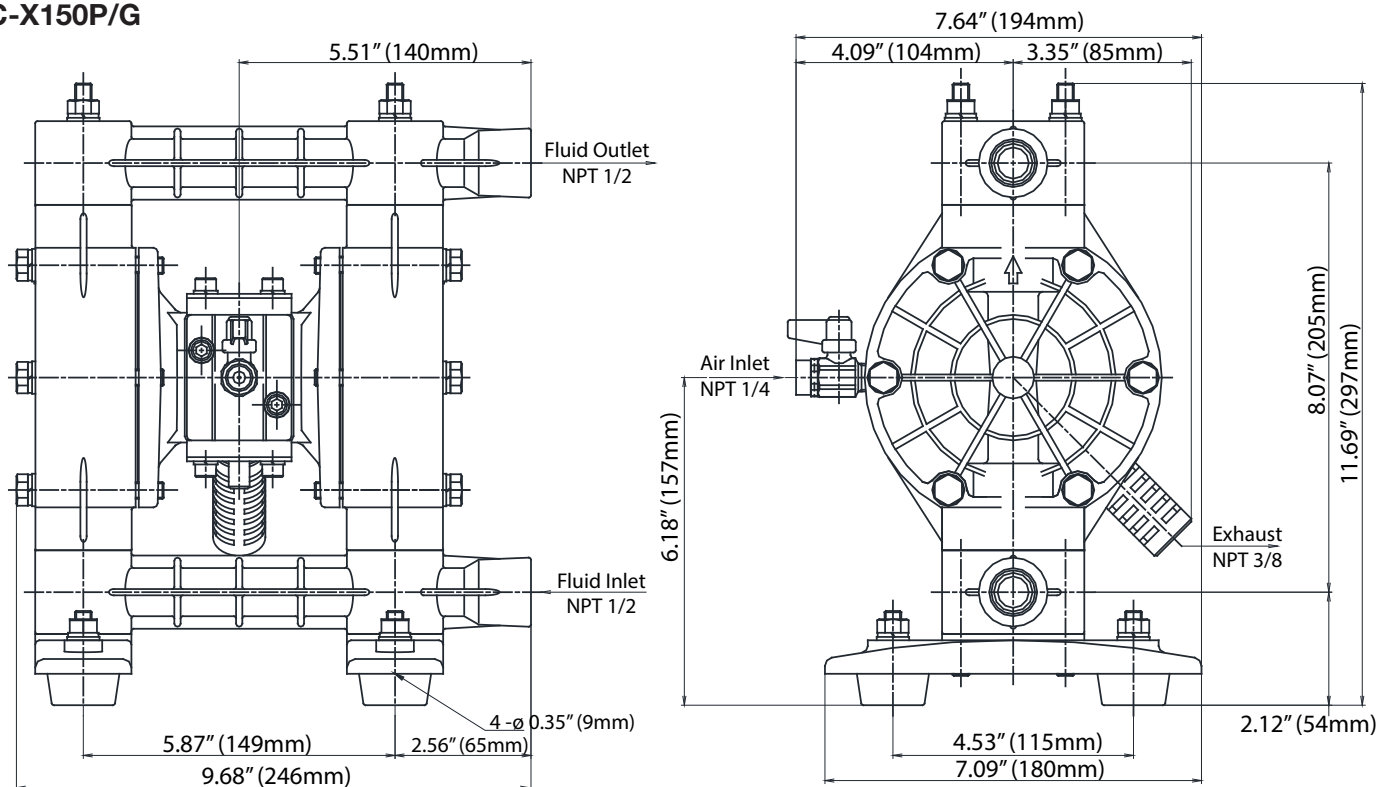
Glass Fiber Reinforced Polypropylene
Polytetrafluoroethylene (Teflon®)
Chloroprene Rubber (CR)
Nitrile Rubber (NBR)

Santoprene®
Hyrel™
*SS303

Thermoplastic PolyOlefin (TPO)
Thermoplastic Polyester Elastomer (TPEE)
Stainless Steel Grade 303 (insert material)

DIMENSIONS

TC-X150P/G



MODEL NUMBER NOMENCLATURE

TC-X 150 G T N - X

• Non Standard Line

Series
TC-X

Pump Connection Size
150 (1/2" x 1/2")

Pump Body Material (wetted)
G: GFRPP

• Connection Type
N: NPT Threaded

• Diaphragm Material

T: PTFE
H: Hyrel™ (TPEE)
C: Neoprene™ (CR)
W: PTFE/EPDM backup (one piece)

N: Buna (NBR)
S: Santoprene® (TPO)
E: Nordel (EPDM)



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