

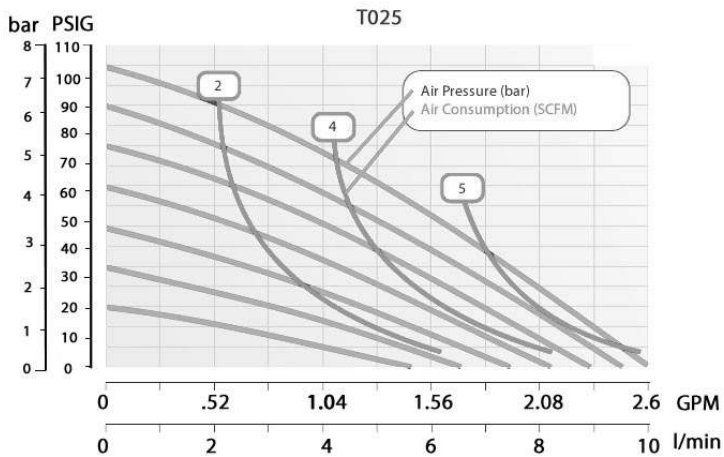


## PUMP OPERATION & MAINTENANCE MANUAL

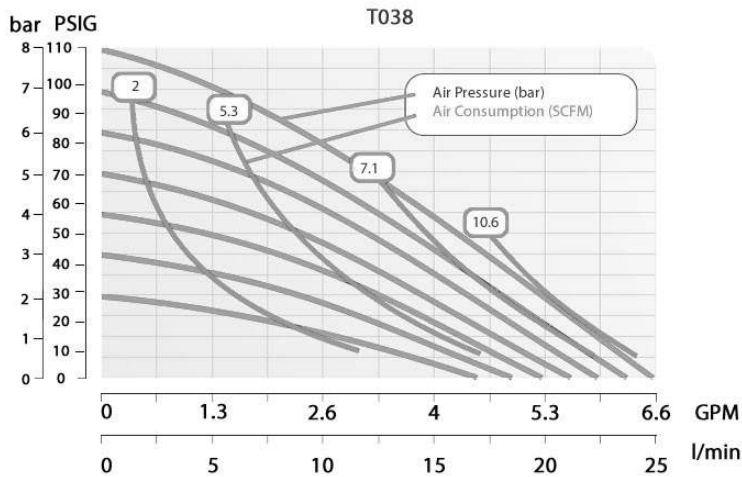


T025 – T200 High Purity Air Operated Double Diaphragm Pump

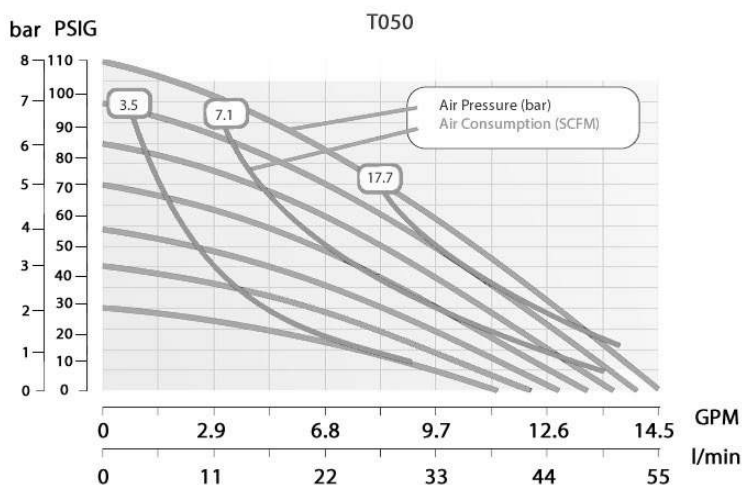
# Performance Curves



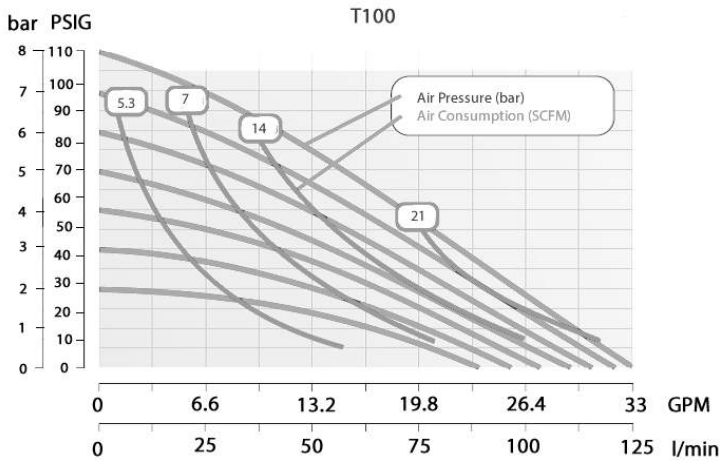
T025 Performance Specifications	
Max. Flow:	2.6 gpm (10 lpm)
Max. Air Pressure:	116 PSI (8 bar)
Max. Solids:	1/16" (2 mm)
Max. Suction Lift Dry:	1.6 ft-H <sub>2</sub> O (0.5 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	29.5 ft-H <sub>2</sub> O (9 m-H <sub>2</sub> O)
Weight:	3.3 lbs (1.5 kg)
Air Inlet:	1/8"
Liquid Inlet:	1/4"
Liquid Outlet:	1/4"
Height:	5.12" (130 mm)
Width:	4.5" (114 mm)
Depth:	2.76" (70 mm)



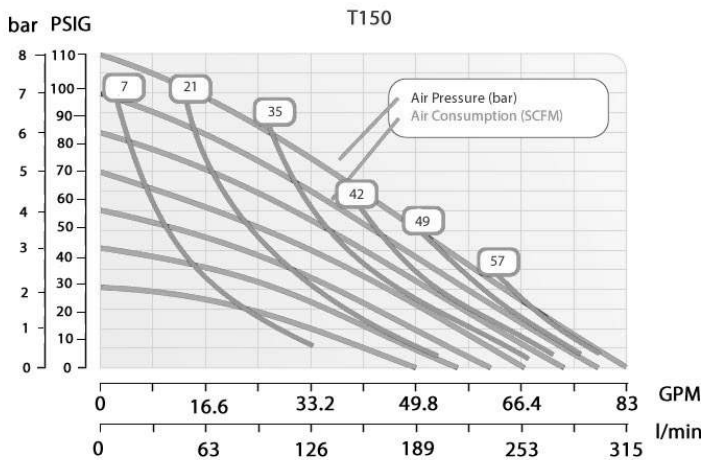
T038 Performance Specifications	
Max. Flow:	6.6 gpm (25 lpm)
Max. Air Pressure:	116 PSI (8 bar)
Max. Solids:	1/8" (3 mm)
Max. Suction Lift Dry:	6.6 ft-H <sub>2</sub> O (2 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	29.5 ft-H <sub>2</sub> O (9 m-H <sub>2</sub> O)
Weight:	5.3 lbs (2.4 kg)
Air Inlet:	1/8"
Liquid Inlet:	3/8"
Liquid Outlet:	3/8"
Height:	6.86" (174 mm)
Width:	5.04" (128 mm)
Depth:	4.13" (105 mm)



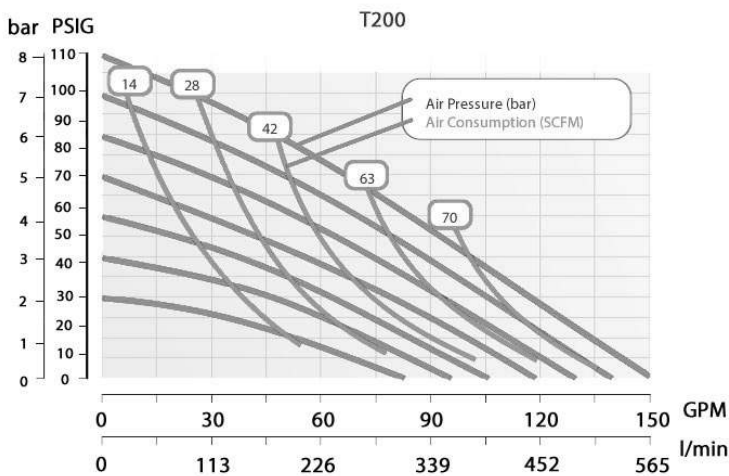
T050 Performance Specifications	
Max. Flow:	14.5 gpm (55 lpm)
Max. Air Pressure:	116 PSI (8 bar)
Max. Solids:	5/32" (4 mm)
Max. Suction Lift Dry:	9.8 ft-H <sub>2</sub> O (3 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	29.5 ft-H <sub>2</sub> O (9 m-H <sub>2</sub> O)
Weight:	15 lbs (6.8 kg)
Air Inlet:	1/4"
Liquid Inlet:	1/2"
Liquid Outlet:	1/2"
Height:	9.96" (253 mm)
Width:	6.97" (177 mm)
Depth:	6.02" (153 mm)



T100 Performance Specifications	
Max. Flow:	33 gpm (125 lpm)
Max. Air Pressure:	116 PSI (8 bar)
Max. Solids:	9/32" (7 mm)
Max. Suction Lift Dry:	13.1 ft-H <sub>2</sub> O (4 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	29.5 ft-H <sub>2</sub> O (9 m-H <sub>2</sub> O)
Weight:	36.4 lbs (16.5 kg)
Air Inlet:	1/4"
Liquid Inlet:	1"
Liquid Outlet:	1"
Height:	13.38" (340 mm)
Width:	19.13" (232 mm)
Depth:	7.78" (198 mm)



T150 Performance Specifications	
Max. Flow:	83 gpm (315 lpm)
Max. Air Pressure:	116 PSI (8 bar)
Max. Solids:	3/8" (10 mm)
Max. Suction Lift Dry:	13.1 ft-H <sub>2</sub> O (4 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	29.5 ft-H <sub>2</sub> O (9 m-H <sub>2</sub> O)
Weight:	98.1 lbs (44.5 kg)
Air Inlet:	1/2"
Liquid Inlet:	1 1/2"
Liquid Outlet:	1 1/2"
Height:	17.95" (456 mm)
Width:	12.28" (312 mm)
Depth:	10.63" (270 mm)



T200 Performance Specifications	
Max. Flow:	150 gpm (565 lpm)
Max. Air Pressure:	116 PSI (8 bar)
Max. Solids:	15/32" (12 mm)
Max. Suction Lift Dry:	16.4 ft-H <sub>2</sub> O (5 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	29.5 ft-H <sub>2</sub> O (9 m-H <sub>2</sub> O)
Weight:	192 lbs (87 kg)
Air Inlet:	1/2"
Liquid Inlet:	2"
Liquid Outlet:	2"
Height:	22.44" (570 mm)
Width:	15.16" (385 mm)
Depth:	13.78" (350 mm)