

Mini Bladder Pumps – Selection Table

Selection Table for Mini Bladder Pumps					
Type	Stainless Steel			PVC	
Diameter	1/2 in	3/4 in	1 in	1.3 in	1.66 in
Part Number	TR-042	TR-037	TR-035	TR-070	TR-071
Body Length (nom.)	18 in			14 in	20 in
Stroke Volume	20 mL	51 mL	95 mL	35 mL	175 mL
Max. Rated Flow Rates* (mL/min):					
0 ft*	460	1500	1800	1400	2000
50 ft*	240	600	750	600	1500
100 ft*	100	300	500	300	800
150 ft*	40	130	200	130	400
Max. Lift	100 ft	150 ft	150 ft	150 ft	200 ft**
Tubing Size	1/8" OD x .095 ID Nylon for air supply and 3/16" OD x .125 ID Teflon tubing for discharge	1/4 in OD x 1/4 in OD			1/4 x 3/8 in
Weight	12 oz	12 oz	18 oz	14 oz	2 lb
Materials	Body: 304 stainless steel Bladder: flexible Teflon®			Body: 304 PVC Bladder: Teflon®	

* 100 psi, 8 ft (2.4m) submergence, with ¼ in OD air and ¼ in OD discharge tubing.
Flow at any depth depends on tubing diameter, length and free discharge to atmosphere.

** Same as above but with ¼" in OD air and 3/8 in ID discharge tubing.

** Depths over 250 ft require the use of a drop tube (TR-041)