

Model Number	407 Integra Bladder Pump 			408 Double Valve Pump		
Material Type	PVC	316 Stainless Steel		PVC	316 Stainless Steel	
Maximum Depth	100 ft / 30 m Below Grade	500 ft / 150 m Below Grade		100 ft / 30 m Lift	500 ft / 150 m Lift	
Nominal Size (inches)	1.66" x 2 ft	1" x 2 ft	1.66" x 2 ft	1.66" x 2 ft	5/8" x 1 ft	1.66" x 2 ft
Part No.	103868	108207	106138	105398	103104	106082
Pump Intake						
Pump Connection						
Standard Tubing (OD inches) (D = Drive, S = Sample)	1/4" D & 3/8" S	1/4" D & S	1/4" D & 3/8" S	3/8" D & 1/4" S	1/4" D & S	3/8" D & 1/4" S
Pump Volume (mL) (See Note 1.)	200	110	200	450	30	450
Viton® O-Rings (Sold in sets of 10)	(2) V012 (1) V116, (2) V124	(1) V010 (4) V111 (1) V012 (2) V116	(1) V012 (1) V014 (4) V115 (1) V116 (2) V124	(3) V012 (1) V116 (2) V124	(2) V010 (2) V013	(3) V012 (1) V116 (2) V124
Teflon® Check Balls (Set of 2) (Part No.)	3/8" dia (106393)	5/16" dia (106394)	3/8" dia (106393)	3/8" dia (106393)	5/16" dia (106394)	3/8" dia (106393)
SS Stem for 1/4" OD tubing		X			X	
1/4" Barb Polyethylene				X		
1/4" Comp Polyethylene	2 (1 as spare)			X		
3/8" Comp Nylon	X					
1/4" Comp 316 SS w/tubing inserts						X
3/8" Comp 316 SS w/tubing inserts			X			X
1/4" Comp x 3/8" SS Tube Adaptor			X			X
1/4" Eye Bolt w/0.57" ID hole	X		X	X		X
Safety Stem w/ 0.18" ID hole		X				
Vyon Filter 60 micron (Part No.)	103515			103515		
SS 50 Mesh Filter (Part No.)		103115	103603		103115	103603
Teflon Bladder (Part No.)		104891	106364			
Teflon Bladder Assembly (Part No.)	103989		108713			
LDPE Bladder (Part No.)		108521 (Each) 108525 (Set of 10)	108523 (Each) 108526 (Set of 10)			

- Notes:**
1. Refer to Pump Calculator for flow estimates [<http://www.solinst.com/Prod/407/PumpCalculator.html>]
 2. Please click here to view our groundwater samplers: <http://www.solinst.com/Prod/Lines/Samp/Samp2.html>
 3. Standard bladder is Teflon. Replacement bladders available in LDPE or Teflon
 4. Model 103 Replacement Cable is suitable as an optional safety support cable. Includes one aluminum crimp for top connection.

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