



TANK RETURNS



#AL3024



#AL4858

Filter Options & Accessories

Since the requirements of every tank are different, return assemblies are very important. These unique returns are available with all Aquarium Life Support Systems Trickle Filters. The unique design allows a broad range of flow characteristics to be applied to any aquarium. Perfect for use in any system, its 1/2" or 3/4" Locline segments have many features including valves, check valves, extensions, flares, spray bars, and Y diverters. See all the great features available under the Locline fittings in the plumbing section.

Call for further information on any custom outlet or return.

Pump Hook Up Options

All Aquarium Life Support Systems trickle filters are supplied with inlet/outlet fittings, and 1" and 9/16" tubing. If pumps are purchased with filters all appropriate substitutions are made for hook up at no additional charge. Examples of substitutions are listed below. Ball and check valve packages are also available options.

External Pump Attachments

1/2" inlet and outlet pumps:

2MDQSC, Mag 2, Mag 3, Mag 5, Mag 7

- 1/2" x 1" bullhead mipt x insert
- 1/2" f.a. fipt x insert

3/4" inlet 1/2" outlet pumps:

3MDQSC

- 3/4" x 1" bullhead mipt x insert
- 1/2" f.a. fipt x insert

1" inlet and 1" outlet pumps:

2MDQXSC, 3MDQXSC, 4MDQXSC

- 1" m.a. mipt x insert
- 1" coupling fipt x fipt
- reducing m.a. 1" x 3/4" mipt x insert
- 3/4" tubing for 3/4" return

3/4" inlet & 3/4" outlet pumps:

Mag 9.5, Mag 12

- bullhead 3/4" x 1" mipt x insert
- 3/4" f.a. fipt x insert
- 3/4" tubing for 3/4" return

1" inlet, 1/2" outlet pumps:

4MDQSC

- 1" m.a. mipt x insert
- 1/2" f.a. fipt x insert

Submersible Pump Attachments

Sump outlet plug

- 1" mipt plug

1/2" inlet and outlet pumps:

Mag 2, Mag 3, Mag 5, Mag 7

- street elbow 1/2" mipt x slip
- short length of pipe
- 1/2" f.a. fipt x insert

3/4" inlet and 3/4" outlet pump:

Mag 9.5, Mag 12

- 3/4" f.a. fipt x insert
- 3/4" tubing for 3/4" return

Ball Valves

1/2" pump outlet ball valve:

- TxT ball valve
 - 1/2" m.a. mipt x insert
- #AL5306

3/4" pump outlet ball valve:

- TxT ball valve
 - 3/4" m.a. mipt x insert
- #AL5307

1" pump outlet ball valve:

- TxT ball valve
 - 1" m.a. mipt x insert
- #AL5308

Check Valves

Check valves prevent back siphoning. This is mandatory on systems plumbed through the bottom of the aquarium or if no back siphon hole is wanted in the tank return. Check valves are placed directly on the pump outlet - before a ball valve, if used. Check valves are a positive option on any system.

1/2" pump outlet check valve:

- TxT flap check valve
 - 1/2" m.a. mipt x insert
- #AL5050

3/4" pump outlet check valve:

- TxT flap check valve
 - 3/4" m.a. mipt x insert
- #AL5051

1" pump outlet check valve:

- TxT flap check valve
 - 1" m.a. mipt x insert
- #AL5052

Ball valve used with check valve:

- close or 2" TBE nipple