

# AST™ ENDURANCE™ SERIES

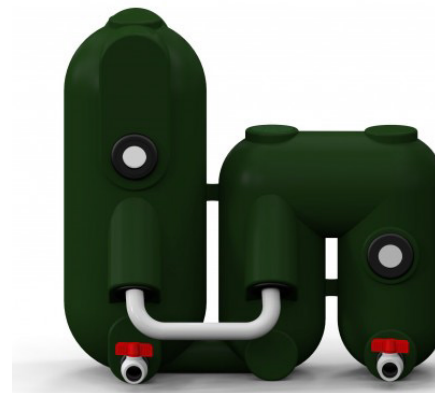


- Superior Solids Removal • Excellent Biofiltration • Automatic Backwash • Low Water Loss • Air Operated •

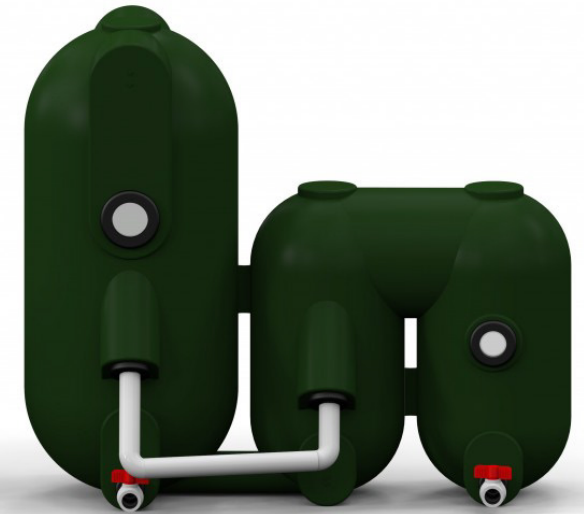


The new AST Endurance™ Series is designed for long lasting, hands-off operation. The auto-pneumatic backwashing paired with the auto sludge removal feature, enables this unit to operate for extended periods of time without intervention.

AST Endurance™ filters are ideal for tanks or ponds sizes of 500-4000 gallons. The low profile makes the filter suitable for either an airlift or pump configuration. The air driven backwash limits the water loss to the removal of concentrated sludge.



AST ENDURANCE™ 2000



AST ENDURANCE™ 4000

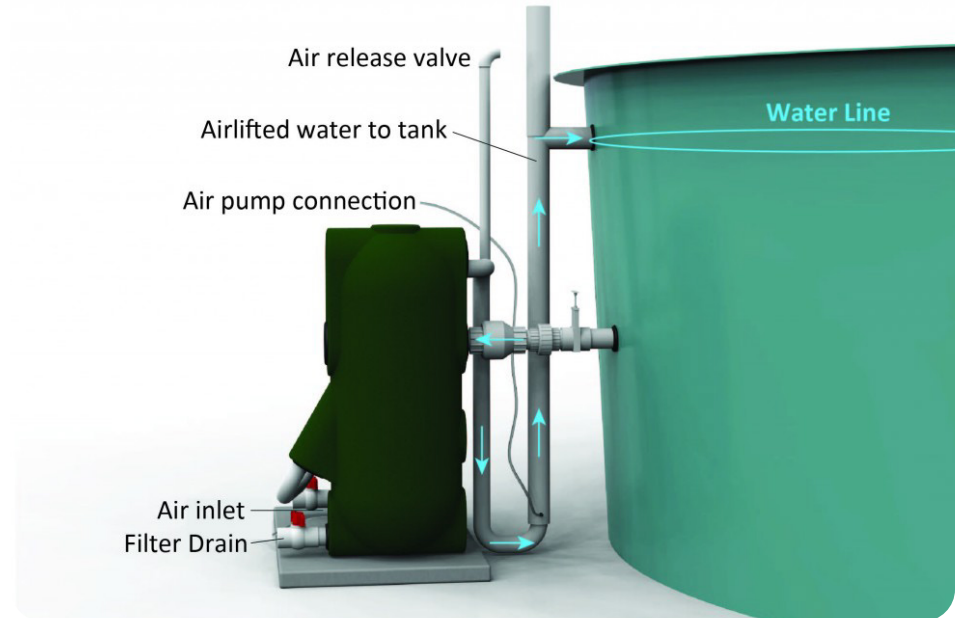
## System Overview



### Front View

- ① Viewing ports
- ② Air inlet
- ③ Trigger
- ④ Sludge outlet

## Airlift Tank Setup



<b>Key Facts</b>	<ul style="list-style-type: none"> <li>• Compact PolyGeyser® for small applications</li> <li>• Fully automated operation</li> <li>• No moving parts for greater reliability</li> </ul>
	<ul style="list-style-type: none"> <li>• Suitable for airlift or pump configuration</li> <li>• Low maintenance</li> <li>• Optional auto-purging sludge concentrator</li> </ul>
<b>Ease of Operation</b>	
<b>Filtration</b>	<ul style="list-style-type: none"> <li>• Mechanical and biological filtration in one unit</li> <li>• No media replacement necessary</li> <li>• Auto-pneumatic backwash</li> </ul>

ENDURANCE	MODEL 2000		MODEL 4000	
	Fingerling	Growout	Fingerling	Growout
Bead Volume (Lt)	22		50	
Flow Rate (LPM)	22-46		68-114	
Max Pressure (PSI)	5		5	
Fish Supported(Kgs)	9	50	19	120
Feed Rate (Kgs/day)	.3	.5	1.3	2.63
RAS Volume (Liters)	900	900	1770	2390
Koi Pond (Liters)	9,000		18,200	