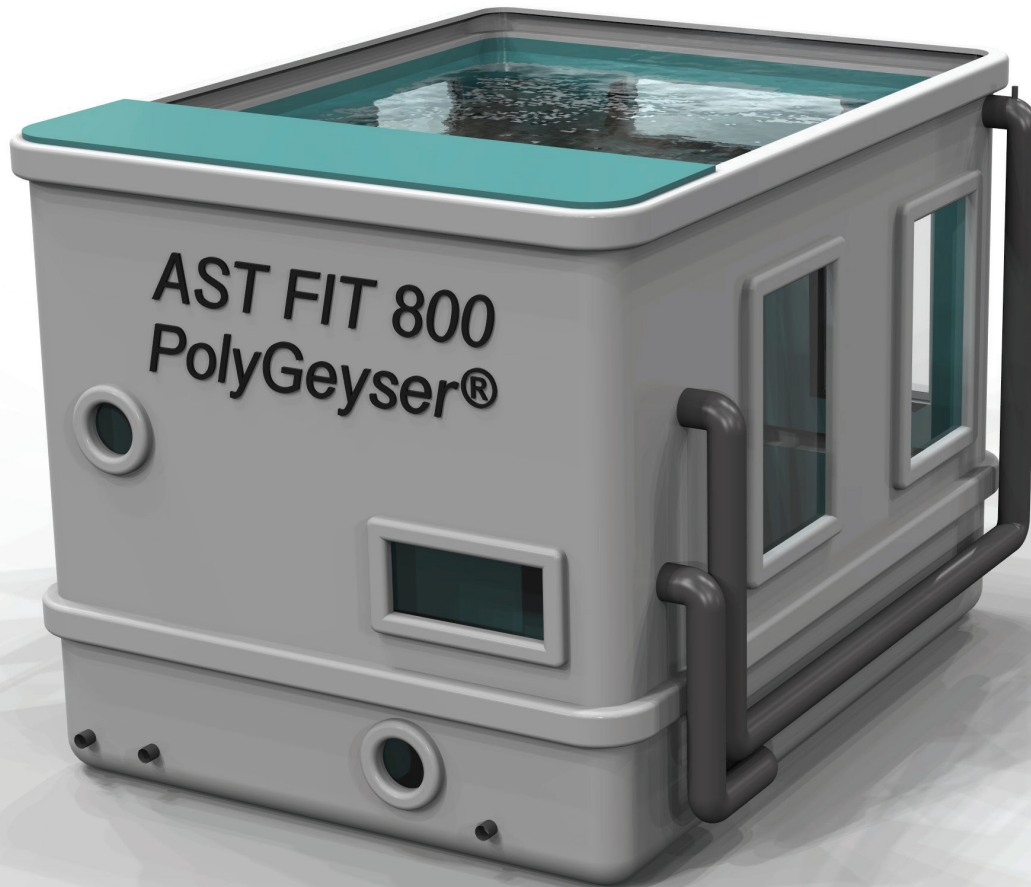


AST FIT™ SYSTEM 800

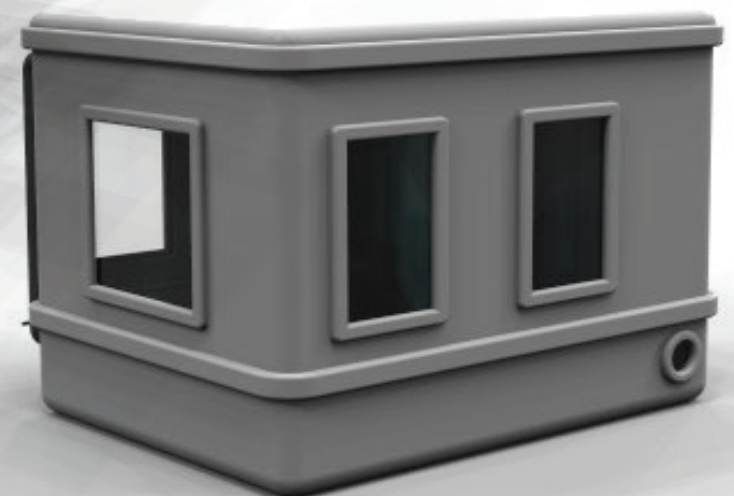
ASTFILTERS.COM

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



FIT (Filter-In-Tank) Systems™ are suitable for growout, hatchery, store displays, bait systems, aquaponics, and more. These units are easy to operate and maintain, with energy savings up to 60%, compared to typical water pump filtration systems. These systems operate using an air blower for greater reliability and cost savings. No water pumps or mixing motors needed.

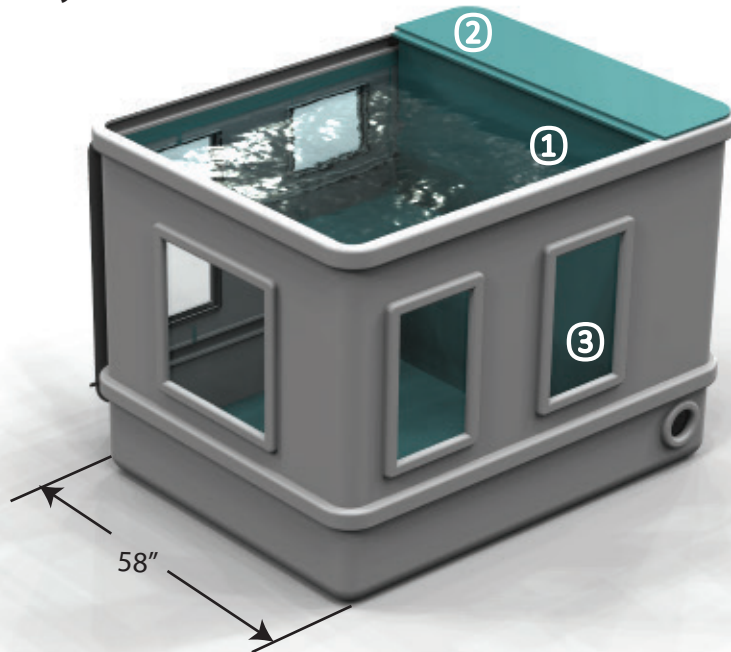
The built-in PolyGeyser® filter automatically backwashes the media, requiring only periodic sludge draining. This filter provides both mechanical and biological filtration in a single unit with minimal water loss.



AST FIT™ SYSTEM 800

CONTACT US | 504.837.5575
2120 North 3rd Street
Baton Rouge, LA 70802

System Overview



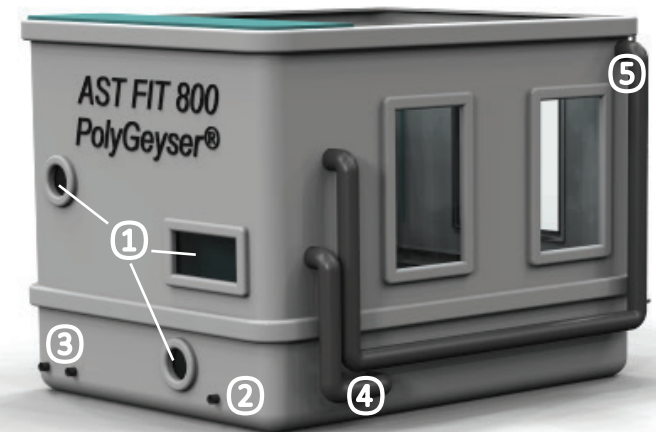
Main Assembly

- ① 800 Gallon fiberglass tank
- ② Integrated Polygeyser® filter
- ③ Optional molded in windows

Specifications

Flow: 20-30 gpm
Feed: 2-3 lbs of feed per day
Supports: 200-300 lbs of fish

Filter Components



- ① Filter portals
- ② Sludge drain
- ③ Filter drain
- ④ Tank water inlet to filter
- ⑤ Air-lifted filtered water return to tank

Complete System	<ul style="list-style-type: none"> • Minimal setup, stand alone aquatic life support • Operates on low pressure air supply • No water pumps necessary
Operation	<ul style="list-style-type: none"> • Auto-pneumatic backwash • Airlifted circulation provides degassing and aeration • Culture volume of 800 gallons
Filtration	<ul style="list-style-type: none"> • No moving bed bioreactor needed • Integrated mechanical and biological filtration • Concentrated sludge reservoir

