

PRESSURIZED
HYDRO
INJECTION
BRINE
EVACUATION
REMEDIATION

The **Accelerated Manual System** is the latest innovation from PHIBER Systems, offering highly efficient and convenient freshwater flushing for Marine Systems including outboard engines, vessel stabilization systems... and more!

Revolutionizing Seawater Systems for the 21st Century

Since the dawn of mechanized propulsion, abundant seawater is used to control operational temperatures within critical marine systems. “Raw water” is pulled in, pushed through hot equipment, and dumped overboard. Yet, despite 100 years of advancements in marine system design, the consequences of using seawater in Raw Water Cooling Networks remain:

Biofouling Corrosion Scale

In 2020, a new course was charted... a radical design evolved out of frustration, challenging 75 years of status quo for maintenance of raw water networks.

PEACE OF MIND FOR ALL YOUR VOYAGES AHEAD

Visit our Website for More Info

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MADE IN USA

PHIBER® SYSTEMS

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IBEX 2024 INNOVATION AWARDS WINNER

Accelerated Manual Systems



PHYSICS & EFFICIENCY

Bringing Freshwater Maintenance
Into the 21st Century

PHIBER® SYSTEMS

FRESHWATER MAINTENANCE WITH
ACCELERATED MANUAL SYSTEMS



ACCELERATE | ək'selə,rāt | verb
(Physics) *an Increase in Velocity*

Developed from the same "flow engineering" principles used on fuel delivery systems in racing engines, the **PHIBER Accelerated Manual Flushing System** is the newest member of PHIBER Systems #phamily of innovative freshwater maintenance solutions!

If your boat is stored on a lift, a trailer, or remains in the water, manual flushing of individual engines and systems with a garden or dock hose can be physically challenging, time consuming, and expensive (with a flush sequencer)... until now.

When the convenience of a PHIBER "Push-button" System isn't an optlon or the connection of a hose is the only means of freshwater supply for flushing, PHIBER Accelerated Manual flushing systems allow for unique and flexible installations that optimize the connection and flush process.

A singular Dock Hose Inlet port can be configured for ***convenient access*** and ***safety***, and the patent-pending PHLOW Hub maximizes the flow of fresh water to each engine with no loss in pressure or GPM.

Together, they use simple physics to allow a SINGLE freshwater source (dock hose) to flush ***multiple*** raw water networks ***simultaneously, eliminating the need for sequencers on multi-engine configurations***, minimizing water waste and streamlining the time/labor investment of any multi-engine flush.

The **PHIBER Accelerated Manual System** is compatible with flushing most "overboard" marine systems that can be flushed while inactive, including outboard engines, baitwells, gyro stabilizers, and more.









FEATURES

- Requires only "Physics" to operate - no electronics, electrical or mechanical functions
- Minimal and flexible installation footprint
- Rugged design and materials for use in harsh marine environments
- Engineered for maximum water flow and minimum pressure loss
- Often eliminates the need for a complex (expensive) valve sequencer
- Allows single hose connection to flush up to 4 engines using direct "Hub-to-Head" plumbing through the engine's rigging bundle

FLUSHING

Manual Systems are compatible with applications (engines) that have up to 1/2" diameter native flush plumbing in their raw water networks. The following conditions are required to acheive a proper freshwater flush for any raw water network:

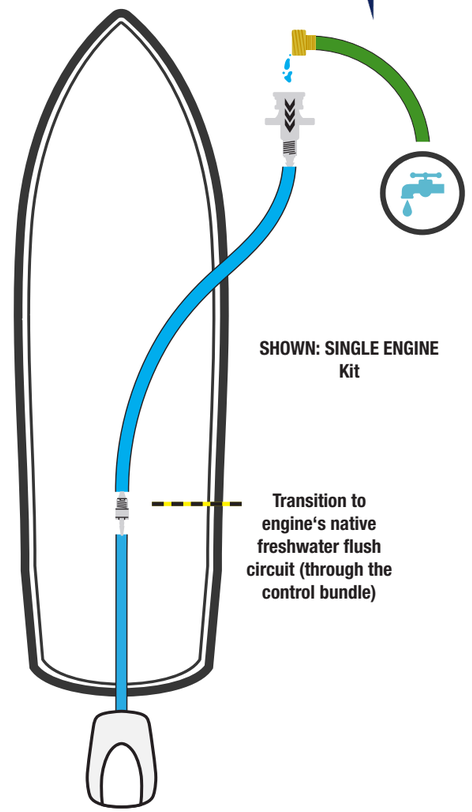
- 40 PSI Minimum Dock Water Pressure
- 1/2" Minimum Diameter Dock Hose
- 2 GPM Minimum Flow Rate (for each application or engine)
- Flush Duration (follow OEM flushing recommendation)

MANUAL SYSTEM OPTIONS

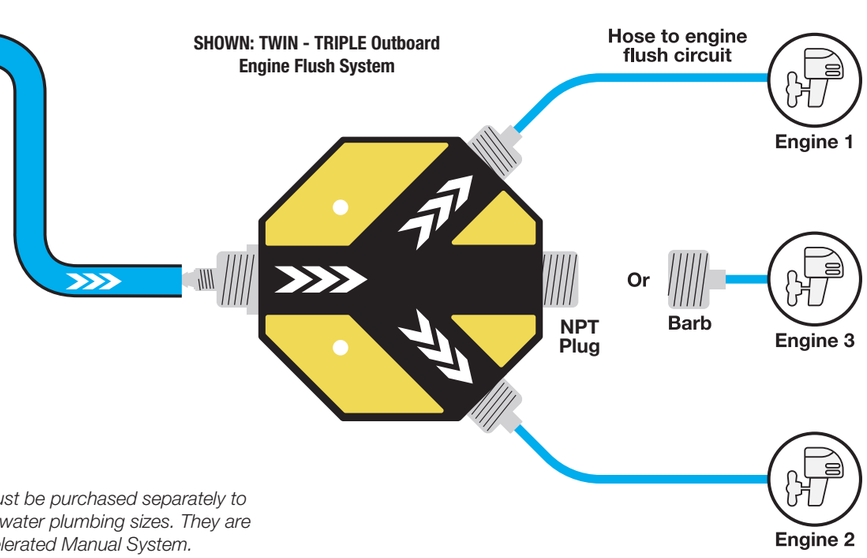
- Sequencer Retrofit Kit (see Spec Sheet)
- Single Engine Manual Flush Kit (see Spec Sheet)
- Twin/Triple/Quad Engine Manual Flush Systems

General Specs	
Dock Hose Connection	3/4" (standard garden hose thread)
Max Engines/Applications	4 per Manual System (≤ 350HP)
System Max Flow Rate (GPM)	20 GPM
System Max Pressure	80 PSI
Warranty	2-year Materials & Labor

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NOTE: *NPT-to-BARB fittings must be purchased separately to match the native flushing or raw water plumbing sizes. They are NOT included in the Accelerated Manual System.*

Learn more at **PHIBERSystems.com**