

# AUTO FLUSH FLOW RESTRICTORS (AFR SERIES) AUTOMATIC FLUSH TIMERS (AFT SERIES)

## FLOW CONTROL COMPONENTS

Aquatec's AFT and AFR Series are engineered to maximize system efficiency and prolong membrane life. These components utilize a normally closed solenoid valve which automatically "power flushes" the membrane upon start-up and then subsequently for 15-20 seconds every hour. This turbulent water action removes organic and inorganic contaminants from the membrane surface. Any standing, idle water in the membrane module is automatically purged to the drain.



Virtually all system manufacturers recommend that their membranes be flushed regularly to insure proper performance and extended membrane life. The AFT and AFR Series perform this process seamlessly and automatically. The AFT and AFR Series also include a modular connector for plug-and-play integration with Aquatec's other system components.

- **Improves TDS rejection rate**
- **Extends membrane life**
- **Available with integrated flow restrictor**
- **Hermetically sealed circuitry**

### TECHNICAL SPECIFICATIONS:

WETTED MATERIALS:	Polypropylene, EPDM, Stainless Steel
POWER REQUIREMENTS:	24 VAC/24 VDC, 120 mA - flushing, 40mA – off cycle
INLET PRESSURE/ORIFICE:	Maximum 100 psi, .093" diameter orifice
FLOW RESTRICTOR ORIFICES:	300mL – 700mL orifices available
STANDARD FITTINGS:	John Guest 1/4" built-in ports, Jaco 1/4" black inlet, 1/4" white outlet
OPTIONAL FITTINGS:	John Guest 3/8" grey
ELECTRICAL CONNECTION:	AMP Mate-N-Lok

