



Aquatec's ESO Series (ESO 460, ESO DC100, ESO High Flow) are normally closed, precision solenoid valves that positively shut off feed water. They are activated by a pressure switch to either open or close at predetermined holding tank pressure settings. The ESO Series can either be used independently or mounted inline on the inlet side of a pump. Our ESO Series also includes a modular connector for plug-and-play integration with Aquatec's other system components.

The ESO 460 Series is a conventional, 24VAC solenoid valve. It is our most economical solenoid offering.

The ESO DC100 utilizes our patented, energy saving 24V coil, which operates without heat build-up or AC coil noise. All integrated control circuitry is hermetically sealed for extended life and maximum reliability under severe operating conditions. The ESO DC100 can be powered by either AC or DC voltage.

The ESO High Flow (ESO HF), our newest solenoid valve, is specifically designed for large flow (up to 10 LPM) requirements. It is a compact, highly efficient valve and is a perfect complement to our smaller solenoid offerings.

- **Conserves both water and energy**
- **Provides positive water shut-off**
- **Low power, cool running**
- **Hermetically sealed circuitry**
- **Compact design, plastic valve body**

TECHNICAL SPECIFICATIONS:

WETTED MATERIALS:	Polypropylene, EPDM, Stainless Steel (300/400 Series)
POWER REQUIREMENTS:	ESO 460 - 24 VAC, 50/60 Hz, 150 mA ESO DC100 - 24 VAC or VDC, 120 mA
INLET PRESSURE/ORIFICE:	ESO 460 - Maximum 45 psi, .093" diameter orifice ESO 460 - Maximum 100 psi, .062" diameter orifice ESO DC - Maximum 100 psi, .093" diameter orifice
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 (High Flow)
ELECTRICAL CONNECTION:	AMP Mate-N-Lok

