

**COMMERCIAL  
 STAGER  
 CONTROLS**


# AquaMatic® Stager Controls

## A100 Series



AquaMatic A100 Stager Controls combine an AquaMatic Stager with an Autotrol® Timer, mounted and pre-wired in a NEMA enclosure. The AquaMatic Stager is a rotary pilot valve with multiple ports for directing fluid flows to operate various diaphragm valves installed in a process system. AquaMatic Stager internal parts are constructed of durable, noncorroding, self-lubricating material for long, maintenance-free life. AquaMatic A100 Controls have an integral time clock, which is programmed to begin the regeneration process. Cycle times are programmable to accommodate a wide range of filter and softener applications.



**AquaMatic**  
 Pentair Water

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**A100 Series**

**Options**

- Status lights
- Contact closure (dry or powered) during a cycle or cycles

**Features and Benefits**

- **Home Operation** – Stager returns to service whenever timer is in service position.
- **NEMA 1 Enclosure** – NEMA 4 and NEMA 4XFG also available.
- **120 VAC / 60 Hz, 220 VAC / 50 Hz, 220 VAC / 60 Hz, and 24 VAC / 50 Hz** also available.
- **Timers** – 6- or 7-day timer.
- **Cycles** – Maximum of 10 cycles programmable in three minute increments.
- 102 minutes available.

**Applications**

Single Unit Controls (Time Initiated)	Model Number
Typical Softeners and Filters	A148
More Complex Softeners and Filters	A151

Multiple Unit Controls (Time Initiated)	Model Number
Twin Alternating Softeners and Filters	A158TA
Sequential Filters (Backwash Only)	A148
2 Unit Sequential Filters (Backwash and Rinse)	A151
3 or 4 Unit Sequential Filters (Backwash and Rinse)	A158

**Operating Specifications**

Power Requirements	120 VAC / 60 Hz / 3 Watts 220 VAC / 50 Hz / 3 Watts	220 VAC / 60 Hz / 3 Watts 24 VAC / 50 Hz / 3 Watts
Stager Port Sizes	All inlet, control, and drain ports 1/8-inch NPT threads (except Series 58 inlet and drain ports are 1/4-inch NPT)	
Control Fluid	Air or water (100 micron strainer recommended)	
Control Pressure	125 psi (8.6 bar)	
Control Temperature	140°F (60°C)	
Enclosure Options	NEMA 1 (metal), NEMA 4 (metal) or NEMA 4XFG (fiberglass)	