

# AQUASTAR-E-2000/F PRESSURE ACTIVATED 24 VAC (1.5", 2" & 3" VALVES)

MADE IN  
NORTH AMERICA



PRODUCTS

**E-Series will be discontinued and replaced with C-Series during 2009**



## NEW:

- Contacts for 2nd backwash pump.
- Fireman or UV system cycle delay (Allows heater and/or UV to cool down prior to backwashing. Internal logic will shut heater or UV off with pump running until "time" expires. Build in potentiometer allows operator to set "time" from 25 seconds to 25 minutes.

## FEATURES:

- Pressure controlled activation of backwash.
  - Adjustable (1 min. - 11 min.) backwash.
  - Adjustable (20 sec. - 4 min.) rinse.
  - On - off pump control circuit.
  - Water resistant touch pad located on side panel provides for manual backwash activation (test), on/off and drain function.
  - Auxiliary equipment circuit available.
  - CE approved (European Electrical Code).
  - Low water cut off circuit.
  - ISO 9001 facility.
  - Multiple Tandem (Master/Slave) Wiring Feature
- WIRING DIAGRAM AND MORE DATA SEE PAGE 71
  - See page 35 for Union Kits

All manufacturing, assembly and testing is done at our facilities for quality assurance. Praher has been successfully developing and manufacturing automatic backwash since 1982.

The E-2000/F series Aquastar Automatic Backwash Valves are pressure controlled systems which have the actuator and the controller in one enclosure. An integrated touch pad switch allows the operator to perform standard switching tasks on the unit (Backwash/Rinse Cycle, Drain, Pump Shut Off, auto).

The internally controlled pump relay (max. 6.3 Amp) must control the recirculation pump's On/Off sequence during the valve's backwash and rinse functions. An external pump contactor must be provided by installer (Aquastar 24V signal will provide operation). The auxiliary circuit available is a double throw relay, which can be used for external ball valve control (open make up water valves during backwashing, close backwash line during filtration), heater and chemical feeder control (off during backwashing) or system monitoring through PLC's. Each actuator is equipped with field adjustable potentiometers to set the backwash-and rinse times.

PART #	VALVE SIZE	DESCRIPTION	LIST PRICE
ASS-E2001F	1 1/2"	SIDE MOUNT PRESS. CONTROLLED/24V/SM-10-AO/ #13.0080	\$3100.00
ASS-E2002F	2"	SIDE MOUNT PRESS. CONTROLLED/24V/SM-20-AO/ #13.0085	\$3100.00
ASS-E2003F	3"	SIDE MOUNT PRESS. CONTROLLED/24V/SM-30-AO/ #13.0088	\$5728.00

PLEASE SPECIFY TOP MOUNTED VALVE MODELS (AST)