

## AUTOMATIC BACKWASH VALVES

Our 'Crystal Clear' Automatic Backwash Valves are the perfect device to automate your filtration system. You can use our Automatic Backwash Valves on new filtration systems or even to retrofit existing systems. Our Automatic Backwash Valves are available in 1-1/2", 2" and 3". Each Valve provides automatic backwashing and rinsing by Pressure Sensor, Timer or Both. Our Automatic Backwash Valves are designed to offer the client the most effective and efficient operation. Our valves will fit any type of filter including Pentair, Jacuzzi, Hayward and much more.



All manufacturing, assembly and testing is performed at our facilities for quality assurance and all systems are manufactured to DIN and ISO 9001 Standards. Each Automatic Backwash Valve is constructed from the highest quality products and are designed for the harshest environments. Further, our valves are 'field serviceable' and come with a handle that is incorporated into the socket wrench for servicing. Some of the unique features you will receive from our Automatic Backwash Valves include:

- **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**
- **Low Water Cut Off Circuit**
- **Multiple Tandem Wiring Feature**

All valves include an integrated touch pad switch that allows the operator to perform standard switching tasks on the unit (Backwash/Rinse, Drain, Pump Shut Off, Auto). The internally controlled pump relay (Max. 6.3 Amp) must control the recirculation pumps on/off sequence during the valves backwash and rinse function. An external pump contactor must be provided by the installer (24V signal will provide operation). The Auxiliary circuit is a double throw relay, which can be used for external ball valve control, heater and chemical feeder control or system monitoring through PLC's. All valves are equipped with field adjustable potentiometers to set backwash and rinse times.

Our **ABV-2000 Series** are *Pressure Controlled* which have the actuator and the controller in one enclosure. Our **ABV-3000 Series** are *Timer Controlled* (Digital Timer) which have the actuator and the controller in one enclosure. Our **ABV-6000 Series** are *Pressure Controlled* (adjustable Pressure Switch) **and** *Timer Controlled* (digital two channel 7 day, 24 hour programmable timer for backwash initiation in Channel 1 and recirculation pump in channel 2) systems which have the actuator and the controller in one enclosure.

Contact an AREA Technical Representative for additional information, system integration, sizing and/or recommendations.

### NEW FEATURES

- **Manual Over-Ride Handle For All Models**
- **Handle Incorporates Socket Wrench For Servicing**
- **Status Indicator In lid Provides Visual Position Of Valve**
- **Hermetically Sealed Lid**
- **Contact For Second Backwash Valve**
- **"Fireman Switch" Pump Delay (25 sec. - 25 min.)**
- **Logic For Tandem Tank Manifold Systems**

**\*\* Fireman or UV System 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. Built In Potentiometer Allows Operator To Set "Time" From 25 Seconds To 25 Minutes)**

MODEL	DESCRIPTION	PRICE
582-ABV2001F	1-1/2" Auto Backwash Valve (Pressure)	\$2995.00
582-ABV2002F	2" Auto Backwash Valve (Pressure)	2995.00
582-ABV2003F	3" Auto Backwash Valve (Pressure)	5728.00
582-ABV3001F	1-1/2" Auto Backwash Valve (Timer)	\$2995.00
582-ABV3002F	2" Auto Backwash Valve (Timer)	2995.00
582-ABV3003F	3" Auto Backwash Valve (Timer)	5728.00
582-ABV6001F	1-1/2" Auto Backwash Valve (Pressure/Time)	\$4750.00
582-ABV6002F	2" Auto Backwash Valve (Pressure/Time)	4750.00
582-ABV6003F	3" Auto Backwash Valve (Pressure/Time)	7638.00

**PLC Controller Automatic Backwash Valve Available - Consult With AREA Technical Representative For Information, Sizing and Pricing.**