



# Filter Backwash Hydraulic Valve

2X2 Plastic

**IR-2x2-350-P**

The BERMAD Model IR-2x2-350-P is a compact 3-port valve, in a T configuration. It is double chambered, hydraulically operated, and diaphragm actuated. Designed for automatic backwashing of filtration systems, the BERMAD Model IR-2x2-350-P is available in Angle flow (A) and Straight flow (S) configurations.



Angle Flow



Straight Flow

## Features and Benefits

- Line Pressure Driven
- Double Chambered Design
  - Wide application range
  - Requires low actuation pressure
  - Protected diaphragm
- Dynamic Sealing
  - Seals at very low pressure
  - Prevents seal friction and erosion
- Engineered Plastic Valve Design
  - Highly durable, chemical and cavitation resistant
- Short Valve Travel
  - Smooth changes of flow direction
  - Eliminates mixing of supply and waste water
- User-Friendly
  - Can be installed in various orientations
  - Simple in-line inspection and service



## Typical Applications

- Automatic Backwash of Filter Batteries
  - Gravel Filters
  - Disc Filters
  - Screen Filters
- Single Filter Autonomic Backwash System
- Angled or Straight Installations

- [1] BERMAD Model IR-2x2-350-A-P allows flow into the filter, switches closed upon pressure rise command blocking inlet to filter and enables backwash flow from the filter.
- [2] BERMAD Backwash Flow Control Valve Model IR-470-beKU
- [3] BERMAD Water meter Model WPH
- [4] BERMAD Air Valve Model ARA-A-P-P