



Filter Backwash Hydraulic Valve

3X3 Metal Body

IR-3x3-350-I

The BERMAD Model IR-3x3-350-I 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-3x3-350-I 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
- Cast Iron Body
 - Rigid construction, high stress resistance
- 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
 - Sand Filters
 - Disk Filters
 - Screen Filters
- Single Filter Autonomic Backwash System
- Angled or Straight Installations



[1] BERMAD Model IR-3x3-350-S-I allows flow into the filter, and switches closed upon pressure rise command, thereby blocking inlet to filter and enabling backwash flow from the filter.

[2] BERMAD Hydrometer Model IR-900-M0

[3] BERMAD Air Valve Model ARC-A-I-P

