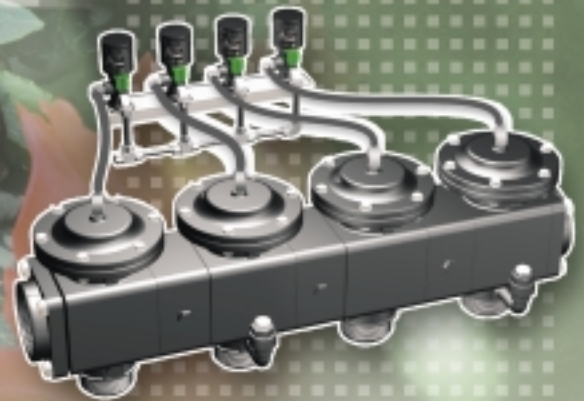


Irrigation

MV-300



Manifold Valve

BERMAD

Manifold Valve

MV-300

For Municipal gardening, Agriculture and
Greenhouses Irrigation



MV-300 Manifold Valve

For Municipal gardening, Agriculture and Greenhouses Irrigation

BERMAD MV-300

- Single or double-chambered hydraulic manifold valves with 2" inlet and 1 Straight or reverse-flow hydraulic manifold valves with multiple N.C. and N.O. options
- Multi-option system that features numerous assembly patterns, with various possible inlet and outlet directions
- Mully modular system that enables supreme flexibility in arranging the irrigation Head Works (cabinet)
- Mystem that is easily specified (in the irrigation Head Works)
- Dramatically saves on installation time, space, and resources

Principal of Operation

Single or double-chambered actuator, including control port for upper or lower-chamber control

Nylon-reinforced NR Diaphragm (NBR optional)

Stainless-steel Shaft

Stainless-steel Spring

Seal disk

Control port, internal 1/4" BSP threaded

Reinforced plastic with 1 1/2" and 2" BSP ports assembled with stainless-steel screws

Inlet/Outlet, reinforced with internal 2" BSP threaded including plugs

Inlet/Outlet, reinforced with internal 1/4" BSP threaded for various control chamber

Inlet/Outlet, reinforced with external 1 1/2" BSP threaded

Inlet/Outlet, reinforced with internal 2" BSP threaded



The Lego options - Typical Manifold valve connections



T connection



Angle connection



End-to-End connection



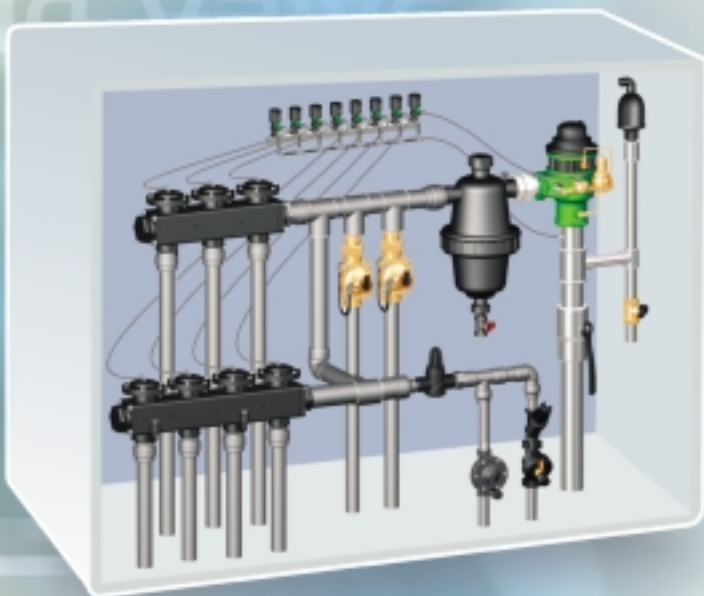
90° connection

MV-300 Manifold Valve

For Municipal gardening, Agriculture and Greenhouses Irrigation

Irrigation Head Works (cabinet)

BERMAD's MV-300 Manifold Valve is an appropriate, effective solution for a variety of applications. The illustration below presents a typical configuration of an irrigation Head Works for municipal gardening.



BERMAD Solenoids, Models: S-200, S-202, S-982 and S-985



BERMAD 200 Series Oblique Electric operating Plastic valve



BERMAD Direct Acting Pressure-Reducing 1" Valve



BERMAD Solenoids Manifold

BERMAD Manifold Valves



BERMAD Direct Acting Pressure-Reducing



BERMAD Pressure-Reducing Hydrometer for Gardening Irrigation



BERMAD AR Air-release Valve



BERMAD G 40R Bronze Valve for Gardening Irrigation



BERMAD ARV Anti-Vacuum Valve

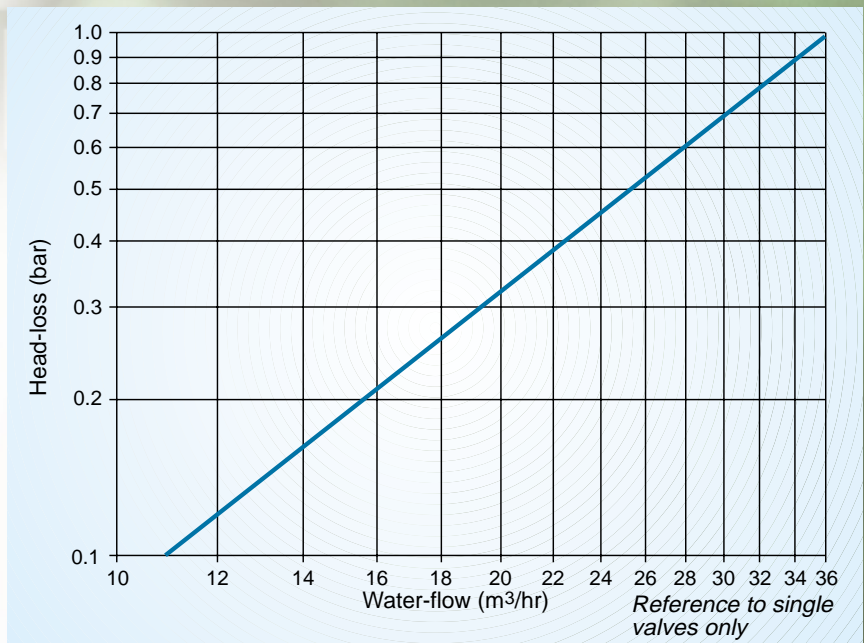
MV-300 Manifold Valve

For Municipal gardening, Agriculture and Greenhouses Irrigation

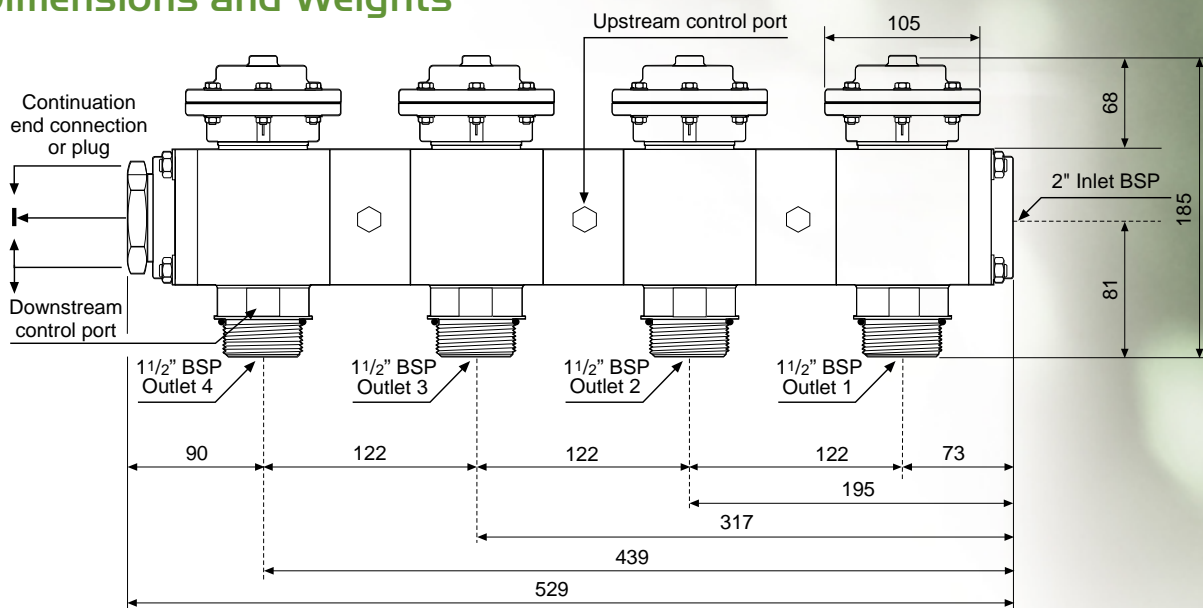
Technical Specifications

- **Valve configurations**
Angle: straight/reverse flow
- **Sizes**
Angle: 1 1/2" x 2"
- **End connections**
1 1/2", 2": BSP Internal/external
- **Pressure rating**
 - ISO: PN 10
 - ANSI: Class 125
- **Working pressure range**
0.7-10 bar
- **Working temperature**
Up to 70 °C (water)
- **Materials**
 - Body and actuator: plastic, brass and stainless steel
 - Diaphragm: NR reinforced with Nylon fabric (NBR optional)
 - Seals: NBR

Head-loss Characteristics



Dimensions and Weights



Dimensions and weights

Model	Catalog No.*	Length	Width	Height	Weight (kg)
Manifold Body 305 - 2 Outlets	MVS 30520 - KIT	265	105	185	2.97
Manifold Body 305 - 3 Outlets	MVS 30530 - KIT	389	105	185	4.42
Manifold Body 305 - 4 Outlets	MVS 30540 - KIT	529	105	185	5.87

All dimensions are in millimeters

* Catalog numbers are for basic manifold valves



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• PC3AE01-03 English