

# Everything is Under Control



## Areas of activity

### Waterworks

Dorot's valves are specially designed to comply with all the demands of Waterworks systems such as: Pressure management, Low flow regulation, Leakage prevention, Pump control, Level control, Surge prevention, Sewage and Water treatment.

### Irrigation

Dorot is a leader in Automatic Control valves for irrigation applications: Drip Irrigation, Greenhouses, Turf, and Landscaping. The innovative state of the art products are made of a variety of materials such as: Cast Iron, Ductile Iron, Steel, Stainless Steel, Bronze, Polyamide and uPVC.

### Construction and Industry

Dorot offers control applications for high rise buildings such as: Flow and Pressure regulation, Water hammer prevention and Reservoir level control.

### Fire Protection

Dorot offers a variety of valves for fire protection applications with UL Approvals.

### Filtration and Water Treatment

Dorot offers a variety of Back Flushing valves for filtration systems. These valves are made of high durability materials for water treatment of aggressive waters.



# Valve Models

## Automatic Control Valves



**Series 300** - Disc seal, Globe type valve. Very accurate regulations at near zero flow conditions. Minimum head-loss while fully open. Available in Diameters of: 1.5" (40mm) - 28" (700mm).



**Series 500** - Disc seal, Y type valve. This valve is compact, partially made of new composite materials. Wide range of flow and pressure regulation. Available in Diameters of: 1.5" (40mm) - 6" (150mm).



**uPVC Valves** - Diaphragm sealing valves made of uPVC. For use with aggressive water and with underground (PVC) piping. Available in Diameters of: 3" (80mm) - 6" (150mm).



**Gal Valves** - Diaphragm sealing valve. Used in Agriculture and Waste Water applications. Very simple structure with a single moving part and very low head-loss. Available in Diameters of: 3/4" (20mm) - 24" (600mm).



**Glass Reinforced Nylon Valves** - Diaphragm sealing valves made of reinforced Polyamide used in Greenhouses, Field Crops, Irrigation, Landscaping, Water Treatment (non corrosive). Available in Diameters of: 3/4" (20mm) - 3" (80mm).



**Back Flushing Valves** - Specially designed valves for back flow flushing of filtration systems. Available in Cast Iron or Glass Reinforced Nylon, Single or Double chamber operation.

## Manual Valves



**Butterfly Valves** - Soft sealing valves (Wafer type) with options of gear, lever (or other) operation. Available in Diameters of: 2" (50mm) - 24" (600mm).



**Non Return Valves** - Swing check valves, tilting disc check valves, double flap check valves.



**Gate Valves** - Valves with soft and resilient or rigid sealing.

## Air Release Valves



**Non Metal Air Release Valves** - Kinetic, Automatic and Combination Air Release Valves made of Polypropylene materials. Available in Diameters of: 1" (25mm) - 2" (50mm).



**Ductile Iron Air Release Valves** - Kinetic, Combination and Sewage Air Release Valves made of ductile iron. Option for surge arrestor feature. Available in Diameters of: 2" (50mm) - 12" (300mm).

## Water Meters



**Water Meters** - Multi-Jet, Single-Jet, Irrigation Meters, Woltman Meters, Volumetric Meters.

