



## Valves – Pressure Regulator / Check Vales

### Valves:

Control valves are the heart of your irrigation system. Low flow to high flow, clean water to dirty water, low pressure to high pressure, Choose the right valve and it can work reliably for years to come

Some valves provide additional water-efficiency features and benefits. There are also valves specifically designed for low-flow applications like drip irrigation and valves created for use with reclaimed water. In addition, pressure-regulating devices can help maintain constant optimal water pressure to prevent misting and evaporation of water that can result from high pressure.



In cases where there is excessive pressure, a 5 PSI reduction in pressure can reduce water waste by 6 to 8%

### **Pressure Regulators for Complete Irrigation System:**

Use Pressure Regulating Devices in High-Pressure Situations:

In landscaping, water is often wasted through evaporation when systems appear to be “misting or fogging.” This is generally a result of excessively high water pressure and can be reduced by pressure regulating spray heads, and valves.

Regulating the pressure for the irrigation system not only enhances water efficiency but it will increase the systems reliability and extending the life of the irrigation system.



### **Pressure Regulators for Valves:**

Saving water is achieved through regulation by operating each zone at the best pressure for that equipment and application type. Accu-Sync is a simple pressure regulator designed to be compatible with all of Hunter’s control valves. The adjustable model enables the zone pressure to be set anywhere between 20 and 100 PSI

Hunter [Accu-Sync](#)  
RainBird [PRS-Dial](#)



### **Pressure Regulators for Sprinklers:**

Pressure regulated spray heads are ideal for use in areas with high and/or widely fluctuating water pressures. The pressure regulator built into the stem can help you save approximately one gallon per minute per spray. It also helps to end misting and fogging caused by excessively high water pressure.

Hunter [PRS30](#)  
RainBird [1800 PRS](#)  
Toro [ZPR Series](#)





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An Economical Water-Saver

### Pop-Up Spray Heads with Check Valve

Rain Bird® 1800-SAM Series Spray Heads are ideal for use in areas with changing elevations. The built-in check valve saves water by eliminating low head drainage from spray heads located at the base of slopes or hillsides.



- Hunter [Pro-Spray](#)
- RainBird [1800-SAM](#)
- Toro [570Z Series](#)

### Check Valves for Shrub Heads

Unfortunately, a system that requires ups and downs to fit the landscape will find that the water in its pipes seeks out the low points when the system is at rest, which results in messy puddling at the lowest elevation and, ultimately, wasted water on walkways.

The Hunter HCV, Easily adjust to the proper check height and insert this remarkable product in between the riser and sprinkler head



### Water Shut-off Device

Toro's 570 ZXF series pop-up sprinkler.

Built into the riser and restricts water loss by 99% if the nozzle is removed or damaged, eliminating potential erosion or safety concerns. The sprinkler allows for "dry" nozzle and filter-replacement or maintenance, while the system is running.

