

# The 10 Best Sprinkler Valves in 2022

[linquip.com/blog/the-10-best-sprinkler-valves-in-2022](https://linquip.com/blog/the-10-best-sprinkler-valves-in-2022)

September 7, 2021



Choosing the best sprinkler valve for the irrigation system is a worthwhile investment you can make. In this article, we are going to help you pick up the best one for your needs. Although it is relatively easy to install, most people find themselves confused about how it works and how to use it. Each sprinkler valve is designed to meet the needs of different users.

You can find all the information you need about sprinkler valves on the Linquip website. With Linquip, we strive to provide a selection of the best sprinkler valves. To get a basic understanding, visit Linquip's "**What Is a Sprinkler Valve?**" page.

Do you need sprinkler valves and equipment? Linquip's free database lists the **Valves Products**. Do you want to find the best sprinkler valve equipment and device prices? Using Linquip, you can easily send a request and receive free quotes from a variety of **Valves Suppliers and Companies**.

Looking for Valves Device & Equipment to Buy?  
Here at Linquip you have access to all of it for free

[Click HERE](#)

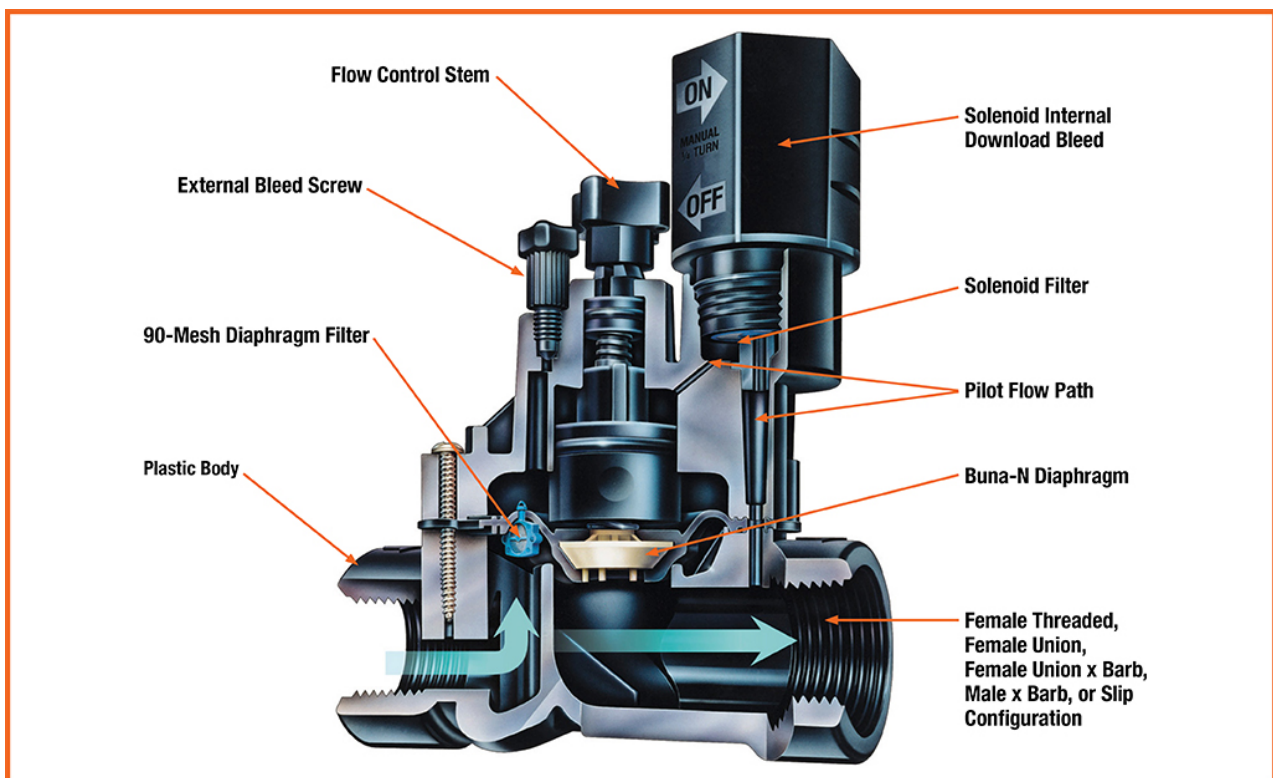
**⇒ View a Comprehensive List of Valves and Their Suppliers ⇐**

## Sprinkler Valves

---

There are two main types of valves in irrigation systems: shut-off valves and sprinkler valves. Shut-off valves are used to control the water supply. But sprinkler valves work to send pressurized water to the sprinkler head. Sprinkler heads also are classified into two types: in-line or anti-siphon. Although they may seem complicated, the names simply indicate what type of irrigation system they belong to.

In-line systems operate in a line joined to pipes underground. They control or block the water flow either manually or by a control panel. An anti-siphon system utilizes valves above ground in pipes placed above ground. They prevent water from returning to the pipes, which can take debris into the system.



Parts of a sprinkler valve (Reference: [homedepot.com](https://www.homedepot.com))

When looking for a sprinkler valve, you have to know what you need. Sprinkler valves are identified by their size, connection size, and type of inlet, connection size, and type of outlet and mechanism.

## Gate Valves

---

Gate valves are usually used in systems that need manual on and off. They control the main water source and large quantities of pressure to provide for the main irrigation lines. These valves apply a disc-shaped gate that can be raised and lowered by rotating the handle.

**[See All Gate Valve for Sale](#)**

## Ball Sprinkler Valves

---

Ball valves employ a hollow ball that rotates. The use of this valve type is for shut-off and pressure control and is recognized as highly long-lasting. These easy-to-use valves are typically applied in high-use systems.

### ***Automatic Control Sprinkler Valves***

---

Although the valves are used to be turned on and off manually, many of them can now be tied into electronically controlled systems. These are very effective in providing the right pressure and timing for your watering.

### ***Check Valves***

---

Check valves have a 45-degree angle disk placed on a seal to allow water to flow. As the water flows, it floats, and any backflow seals the opening off.

### **See All Check Valve for Sale**

## **Buying Guide for the Best Sprinkler Valve**

---

With the right specifications, you can easily install and use the device you buy. In contrast, wrong features cause you to have a difficult time. In the following, all the features of the sprinkler valve are described.

### ***Type***

---

As discussed in the previous sections, there are several types of sprinkler valves, each with its own applications and strengths.

Inline valves are usually installed underground and cannot protect you from backflow, while anti-siphon valves prevent any backflow of water.

With a gate valve, you can have highly pressurized water to enter your sprinklers. Ball sprinkler valves are built for stability and frequent use without damage. You can choose one of these according to your needs.

### ***Size***

---

It is necessary to consider the location you want to install the valve according to the size because some are placed above ground while others go underground.

The size of the valve may affect other factors such as flow and pressure, as well as potentially the covered area.

### ***Water Flow***

---

Sometimes you should be aware of the amount of water passing through the device at a specified time. With such information at hand, you can plan easier for your garden to determine how long the machine stays on for a watering session.

## ***Maximum Pressure***

---

Sometimes you should be aware of the amount of water passing through the device at a specific time. With such information at hand, you can plan easier for your garden to determine how long the machine stays on for a watering session.

## ***Connection***

---

Another factor to consider is the connection. A female threaded connection probably corresponds to a male threaded connection, and vice versa. There are other options such as the national pipe thread, union, and barb connector. The buyer must find an option compatible with the current water system to prevent another purchase.

## ***Automatic or Manual***

---

Automatic sprinkler valves seem to be more comfortable to use because you do not need many inputs for the device to get the desired results. However, you may want to have complete control over every water droplet passing through your device. In this case, the manual valve is a better choice.

## ***Durability***

---

It is clear that the durability of a valve is an important option. A durable device allows working for a long time without any damage. In this way, you may also save your products because flooding plants can be as harmful as depriving them from bad water.

## ***Warranty***

---

Having a warranty is always a positive point for each product offered. With the warranty, you can repair or replace your purchase by the manufacturer in case of damage within the warranty period.

## ***Read More on Linqip***

- **[Strainer Valve: a basic guide to know it better](#)**
- **[The 6 Best Tubeless Valve Stems in 2021](#)**
- **[The 10 Best Shower Valves of 2021](#)**
- **[The 10 Best Toilet Fill Valves of 2021](#)**
- **[The Best Blow off Valves of 2022](#)**
- **[Best Pressure Reducing Valves of 2022](#)**

## **Top Sprinkler Valve Reviews**

---

We have picked the following list among the available models on the market.

### **1. Orbit Inline Sprinkler Valve**

---



Orbit Inline Sprinkler Valve (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Universally compatible system
- • Easy assembly
- • Easy installation
- • High-quality plastic material

### Cons

- Short, when used as a replacement for some brands

## Specifications

---

Dimensions	2 x 4 x 4 inches
Weight	0.63 lbs
Material	Plastic
Connection size	¾ inches

---

## General Description

---

First, the ¾” connection is very easy to assemble without the need for glue or any complex tools.

Second, the product fits with all 24-volt systems from great brands. Generally, having specific knowledge about the irrigation system and the sprinkler valve suitable for you is essential.

Third, the existing screws are compatible with many tools, which is an excellent feature that helps reduce guesswork and more tools. These screws are suitable for Philips, hex, and standard screwdrivers.

One of its best specifications is the captured screws, plunger, and springs which eliminates the probability of loss of components during regular maintenance and cleaning.

### *Read More on Linqip*

- [What is Sprinkler Valve](#)
- [What is Valve Controller](#)
- [What is Actuator Valve](#)
- [What is Air release valve](#)
- [What is Angle Valve](#)
- [PVC Foot Valves: a brief review of everything you need to know](#)

## 2. HFS (R) 12v DC Electric Solenoid Valve

---



HFS (R) 12v Dc Electric Solenoid Valve (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Robust and long-lasting outer brass body
- • Copper enameled, durable wires
- • Easy to install
- • Reversible wires for ease of use

### Cons

- The valves do not shut completely in very low pressure conditions

## Specifications

---

Dimensions      4 x 2 x 3.3 inches

---

---

---

Weight	1.3 lbs
Material	Brass
Connection size	¾ inches

---

### **General Description**

---

The operations of this inlet connection may be confusing. This sprinkler valve model is electromagnetic. This means that all the materials used have their own magnetic field. This magnetic energy is accumulated to open and close the inlet and outlet valves.

When you work with the valve, the electromagnetic field is created in the entrance of the coil. Thereon, the created magnetic field controls the iron core to pull the diaphragm against the inner spring resistance. Therefore, opening and closing the valve automatically follows this motion.

On the inside, copper wires are enameled, and thick-wall tubes are strong and long-lasting. Furthermore, on the outside, the solenoid valve body is made of brass, extremely durable, and corrosion-resistant to oils, water or other elements.

### **3. Rain Bird CP100 In-Line Automatic Sprinkler Valve**

---





## Pros & Cons

---

### Pros

- • Compatible with all the standard form of timers
- • Ability to be tested manually
- • The reverse flow design to prevent water overflow

### Cons

- • Poor technical support from Rain Bird
- • Small water leakage from some of the joints of the valve
- • The user manual needs some improvements

## Specifications

---

Dimensions	3 x 5 x 5 inches
------------	------------------

Weight	0.7 lbs
--------	---------

Material	Metal
----------	-------

Connection size	1 inch
-----------------	--------

## General Description

---

The Rain Bird CP100 In-Line Automatic Sprinkler Valve is used for both residential and commercial applications.

The inlet and the outlet connection in these sprinkler valves are extremely strong. All you have to do with the timing is to program the timer according to your needs. To control the water flow, it is provided with a heavy-duty solenoid. This prevents the structural damage that power surges can cause. However, you can also test the valve manually.

Also, the valve has a reverse flow design. This is useful when the diaphragm of the valve is faulty. In this case, the reverse flow keeps the valve closed to prevent the flow of water. The lack of this feature may result in flooding of the field with the leaking water.

The compact style of valve is also easy to service. When the diaphragm stops working appropriately, you can substitute it with a similar piece.

### **[See All Sprinkler Valve for Sale](#)**

## 4. Orbit 57253 3-Valve Heavy Duty Preassembled Manifold

---



Orbit 57253 3-Valve Heavy Duty Preassembled Manifold (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Pre-assembled
- • working well with the PVC and poly pipes
- • Comparatively lower price for a three-valve system
- • Easily hand-tightened
- • UV-resistant plastic material

### Cons

- • Costly parts to fix when are damaged
- • Timer required for testing, no manual operation

### Specifications

---

Dimensions      12 x 13 x 5 inches

---

Weight            4 lbs

---

---

Material	Plastic
----------	---------

---

Connection size	3/4 Inches and 1 Inch
-----------------	-----------------------

---

### **General Description**

---

The Orbit 57253 3-Valve Preassembled Manifold is easy to use. The product is completely pre-assembled. Therefore, there is no tedious process of reading overly instructions and buying tools to assemble. Moreover, installing the device is straightforward only within minutes.

This sprinkler valve works out well with most PVC and poly pipe systems. Also, it has adapters for 3/4-inch and a 1-inch PVC pipe. Everything you need is ready in one package. The orbit 3-valve is built with high-quality, durable plastic material.

Finally, this manifold can easily transform into a 4- or 5-valve manifold by simply connecting another 2-valve manifold.

### **5. Irritrol 2400T Globe NPT Threaded Connection, 1"**

---



Irritrol 2400T Globe NPT Threaded Connection (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Leak-proof seal
- • Easy manual operation
- • Serviced without removal of the entire system
- • Rugged, durable construction

### Cons

- No flow adjustment settings

### **Specifications**

---

Dimensions	5.9 x 3.3 x 3.8 inches
Weight	0.65 lbs
Maximum pressure	150 PSI
Connection size	1 Inches

### **General Description**

---

The 1" Electric Globe Valve from the Irritrol 2400T is extremely versatile with several applications. This product is top-rated amongst most users. This sprinkler valve is an ideal option for most irrigation systems due to the flow rate of .25 – 30 GPM and the pressure rating from 10 to 150 PSI. The threaded bonnet design makes it easy to service without removing it from the system.

Furthermore, it is much convenient to use because of the availability of various configurations, including female NPT, slip, male x male, and male x barb.

The stainless-steel metering system enables the user to work with the valve consistently without any remarkable issue. The rugged, double-beaded Santoprene diaphragm provides an anti-leak seal.

## **6. HUNTER Sprinkler PGV101G PGV Series 1-Inch Globe Valve with Flow Control**

---



HUNTER Sprinkler PGV101G PGV Series 1-Inch Globe Valve with Flow Control (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Strong and well-constructed
- • Easy to install and use
- • Great for backup valve parts
- • Available flow and non-flow control versions

### Cons

- Cons:
- • It does not come with a 3/4" valve

## Specifications

---

Dimensions	5 x 7 x 10 inches
Weight	0.97 lbs
Material	Metal
Connection size	1 Inch

## **General Description**

---

One of the most significant strengths of HUNTER Sprinkler PGV101G is the flow-control and non-flow control at the same model.

Another excellent feature is its robust construction. This sprinkler valve and diaphragm are built with high-grade, durable, and strong materials. Even after prolonged and heavy use, the construction did not lose color nor corrode.

Moreover, the model is offered in different sizes which adds to its versatility and functionality. Although it is designed for residential applications, it may be beneficial for commercial use.

Also, the use of this device as a backup solution for damaged valves can be recommended. It operates efficiently to decrease flow in high-pressure zones.

## **7. Rain Bird DASASVF075 Professional Grade Anti-Siphon Valve**

---





Rain Bird DASASVf075 Professional Grade Anti-Siphon Valve (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Manual and automatic flow control
- • Compatible with major sprinkler system brands
- • Great high-pressure capacity
- • Excellent durability and performance
- • No backflow of water

### Cons

- • Relatively low flow rate
- • Lower thread quality

## Specifications

---

Dimensions	3 x 7 x 7 inches
Weight	1.58 lbs
Maximum pressure	150 PSI
Connection size	$\frac{3}{4}$ Inches

## General Description

---

Rain Bird DASASVFO75 Professional Grade Anti-Siphon Valve is a versatile device. It has an energy-efficient encapsulated solenoid that allows the device to operate automatically. However, if preferred, users can skip this feature to make their own settings. This can be performed utilizing a manual bleed screw.

This sprinkler valve has an easy and perfect installation. This device is engineered to be installed at least 6 inches over the highest sprinkler head. This effectively prevents backflow and eliminates water wastage.

Additionally, even in harsh weather, the Buna-N diaphragm provides great durability and performance.

Also, it offers a flow rate ranging from 0.2 to 22 GPM. If you look for drip applications or a flow rate below 3 GPM, you may need to establish a 200 mesh filter in front of the valve.

## 8. K-RAIN 4404 4000 Series Indexing Valve with 4 Outlets and 4 Zones

---



K-RAIN 4404 4000 Series Indexing Valve with 4 Outlets and 4 Zones (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Easy to install
- • Long product life
- • simplicity of design
- • easily maintained

### Cons

- Need to cover, so as not to rot in the sun

## Specifications

---

Dimensions	5.75 x 5.75 x 5.75 inches
Weight	1.9 lbs
Maximum pressure	75 PSI
Material	Acrylonitrile Butadiene Styrene
Connection size	1.25 Inches

## General Description

---

Also available in a six-outlet, the K-RAIN 4404 4000 Series Indexing Valve with 4 Outlets and 4 Zones provides you 2 to 6 watering zones in one valve. It is made of a high-impact polymer and can handle high pressure. The robust design ensures longevity for many years. It works at low 10 gallons per minute, and you can set the pressure from 25 to 75 psi for small commercial and large residential lawns reliably. No solenoids mean fewer moving parts. All you have to do is connect to a mechanical cycle and the irrigation timer switch.

## 9. Orbit Sprinkler System 3/4-Inch Brass Anti-Siphon Control Valve 51016

---



Orbit Sprinkler System 0.75-Inch Brass Anti-Siphon Control Valve 51016 (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

## Pros

- • Easy flow control
- • High-pressures up to 150 PSI
- • Heavy-duty brass construction
- • Prevents pollutants from entering the water supply
- • Excellent anti-siphon feature

## Cons

- • Only used with cold water
- • No warranty

## Specifications

---

Dimensions	12.38 x 4.5 x 4.75 inches
Weight	1.75 lbs
Maximum pressure	150 PSI
Material	brass
Connection size	¾ Inches

## General Description

---

The all-brass body makes the construction of the Orbit Sprinkler System Anti-Siphon Control Valve 51016 sturdy and durable. This device is manufactured to withstand harsh climates and cold water. Furthermore, the non-corrosive body makes it proper for heavy-duty outdoor applications. Its robust, long-lasting, and weather-resistant construction removes the need for regular maintenance and service.

One of the most notable features of its design is preventing contaminants from entering the irrigation system. This allows the plants, flowers, and grass to have healthy water free of bacteria and contaminants and thrive.

## 10. Toro 53763 3/4-Inch Anti-Siphon Jar Top Underground Sprinkler System Valve

---



Toro 53763 Anti-Siphon Jar Top Underground Sprinkler System Valve (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Easy installation
- • Compact and lightweight
- • Sturdy construction
- • Prevents backflow

### Cons

- Messy replacement

## Specifications

---

Dimensions 3.3 x 7 x 7 inches

Weight 1 lbs

Connection size ¾ Inches

## General Description

---

If you are looking to have more control over the sprinkler valve, the excellent features of Toro 53763 3/4-Inch Sprinkler Valve will be notable to you.

This anti-siphon jar-top valve can be applied as a replacement for other valve components or as a new addition to your irrigation system. Moreover, it is engineered to integrate seamlessly with most watering systems.

The advanced flow control mechanism is a remarkable feature that allows accurate control over water flow. Moreover, the manual bleed and encapsulated solenoid allow you to have complete freedom and control over the valve.

### ***Read More on Linqip***

- **[Hydraulic Valves Manufacturers](#)**
- **[Butterfly Valve Manufacturers](#)**
- **[Gate Valve Manufacturers](#)**
- **[Ball Valve Manufacturers](#)**
- **[Globe Valve Manufacturers](#)**
- **[Sprinkler Valve Manufacturers](#)**

### **Buy Equipment or Ask for a Service**

---

By using Linqip RFQ Service, you can expect to receive quotations from various suppliers across multiple industries and regions.

**[Click Here to Request a Quotation From Suppliers and Service Providers](#)**