

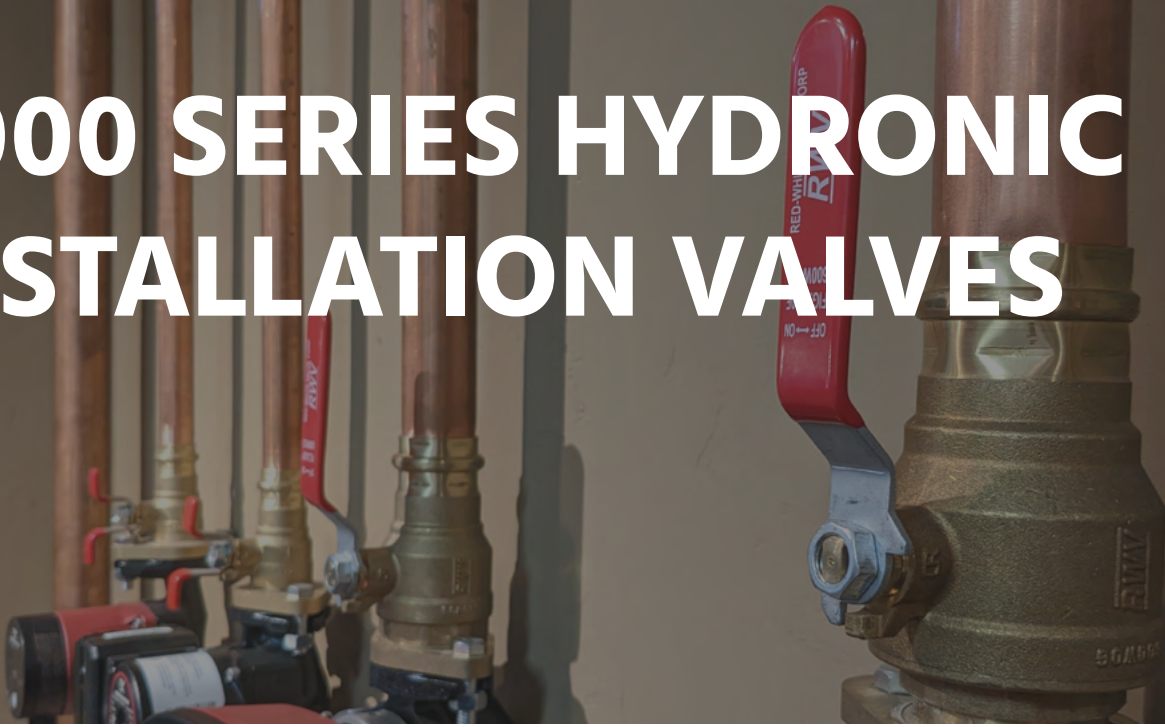


# 8000 SERIES

— Hydronic Installation Valves —



# 8000 SERIES HYDRONIC INSTALLATION VALVES



Hydronic installation valves play a significant role in efficiently controlling water in heating and cooling systems for a broad range of industries.

The new 8000 Series Hydronic Installation Valves by RED-WHITE VALVE CORP. (RWV) are a product line of meticulously designed, high-performance valves that save time and simplify maintenance. They can evenly distribute heated or chilled water to terminals, functioning as the last control element in your hydronic system.

This eBook will provide comprehensive information about our new 8000 Series Hydronic Installation Valves, including product details, features, benefits, applications, and selection considerations.



# Key Features of the 8000 Series



Addressing the need for innovation in hydronic valve technology, the 8000 Series Hydronic Installation Valves are designed to control water in even the most complex hydronic systems, including HVAC, heat exchangers, and water return lines.

What sets the 8000 Series high-performance valves apart from existing valve options is their unique ability to anticipate future needs of the devices or systems they serve. In these combination valves, RWV has integrated built-in drains and valves into our product line to make it easier to service and isolate the system for maintenance. These innovative features help minimize downtime and maximize productivity.

The Dezincification-Resistant Brass (DZR) construction of our 8000 Series valves offers increased durability, enhanced corrosion resistance, fewer maintenance requirements, and improved longevity.

## Hydronic Valve Types

RWV offers an extensive product line of 8000 Series Hydronic Installation Valves, which includes the following options:

## 1 8000 Closely Spaced TEE Valve (8000P, 8000S, 8000E)

Offering a full port design for hydraulic separation, these valves consist of a DZR brass body with a chrome-plated ball valve integrated between two closely spaced TEEs.

Key features of the 8000 Closely Spaced Tee Valve include virgin PTFE seats and blowout-proof stems to maintain performance under high pressure. There is an adjustable packing gland and primary/secondary loop purge with minimum spacing to allow for optimum secondary loop separation. A wide range of fittings, WOG pressure ratings, and sizes are available.

- » **8000P:** EzPress connections, rated for up to 250 WOG
- » **8000S:** Solder connections, rated for up to 600 WOG
- » **8000E:** PEX ASTM F1960 connections, rated for up to 400 WOG



8000P



8000S

## 2 8020 Purge and Fill Valve (8020P, 8020S)

The twin purge design of the 8020 Purge and Fill Valve makes it easier to fill, drain, and refill closed loop systems. The full port design features a DZR brass body, chrome plated ball, adjustable packing gland, and virgin PTFE seats. The high-performance valve includes two high-flow hose drains with chain coverings and a threaded cap.

- » **8020P:** EzPress connections, rated for up to 250 WOG
- » **8020S:** Solder connections, rated for up to 600 WOG



8020P



8020S

### 3 8040 TEE Drain Valves (8040P, 8040S)

Offering the same design features as the entire 8000 Series, the 8040 TEE Drain Valve includes one high-flow drain with chain and cap and a blowout-proof stem.

- » **8040P:** EzPress connections, rated for up to 250 WOG
- » **8040S:** Solder connections, rated for up to 600 WOG
- » **8040T:** Threaded connections, rated for up to 600 WOG
- » **8040E:** PEX (F-1960) connections, rated for up to 400 WOG



8040P



8040S

### 4 8050 Union Valves (8050P-PF, 8050S-SF, 8050T-FF)

The primary purpose of an 8050 Union Valve is to transition between two lines that have different fitting styles. The union body ball valve consists of a DZR lead-free brass body with a chrome-plated ball and adjustable packing gland. The high-performance valve also includes virgin PTFE seats and a blowout-proof stem.

- » **8050P-PF:** EzPress x FNPT, rated for up to 250 WOG
- » **8050S-SF:** Solder x FNPT, rated for up to 600 WOG
- » **8050T-FF:** FNPT x FNPT, rated for up to 600 WOG



8050P-PF



8050S-SF

## 5 8060 Union Valves With Drain (8060P-PF, 8060S-SF, 8060T-FF)

Applicable for similar uses as the 8050 Union Valves, the 8060 Union Valves also include a high-flow hose drain with a chain and threaded cap.

- » **8060P-PF:** EzPress x FNPT, rated for up to 250 WOG
- » **8060S-SF:** Solder x FNPT, rated for up to 600 WOG
- » **8060T-FF:** FNPT x FNPT, rated for up to 600 WOG



8060P-PF



8060S-SF

## 6 Isolation Drain Valves (8070P, 8070S-SF, 8070T-FF)

The double ball valve body design allows separate control of both sides of the system's flow. Key features include a high-flow hose drain with chain and threaded cap, adjustable packing glands, virgin PTFE seats, blowout-proof stem, and a DZR brass body with chrome plated ball.

- » **8070P:** EzPress connections, rated for up to 250 WOG
- » **8070S-SF:** Solder connections, rated for up to 600 WOG
- » **8070T-FF:** FNPT connections, rated for up to 600 WOG



8070P



8070S

## 7 Expansion Tank Valves (8080MT, 8080FT)

Expansion tank valves can be used to integrate expansion tanks into your system. Expansion tanks sometimes require isolation. The 8080 series has a dedicated ball valve on the expansion tank side. Key features include a DZR brass body full port design with a chrome plated ball, virgin PTFE seats, blowout-proof stem, and high-flow hose drain with cap and chain.

- » **8080MT:** MNPT System connection, rated for up to 600 WOG
- » **8080FT:** FNPT system connection, rated for up to 600 WOG



**8080MT**



**8080FT**

Understanding these product features and benefits is important to choosing the right valve for your application

## Hydronic Installation Valves from RED-WHITE VALVE CORP.

For more than 50 years, RED-WHITE VALVE CORP. has served the HVAC, plumbing, industrial, and commercial markets with a wide selection of high-quality valves. Our business philosophy is rooted in quality, reliability, and integrity, allowing us to further our reputation as a worldwide industry-leading producer of hydronic installation valves.

**Contact us** with any questions, or **request a quote** to see how our 8000 Series Hydronic Installation Valves can help meet your needs.

## About RED-WHITE VALVE CORP.

Over its long and prestigious history, RED-WHITE VALVE CORP. (RWV) has maintained a significant presence in the plumbing, commercial, industrial and HVAC markets. We are a manufacturer which enables us to provide the best quality, made under the highest standards and with the best pricing.

To get this great product out to consumers, we work closely with experienced industry experts through stocking and non-stocking distributors. We maintain multiple warehouses throughout North America, giving us unsurpassed fill rates to our family of wholesalers.

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