

TYPHOON®

CONTROL PANELS





We Care Every Drop of Water...

That is why our company, which has been developing products in the field of water systems for over 20 years, offers increasingly efficient solutions every day. With our expertise and experience, we continue to develop innovative technologies for the proper control and sustainable use of water.

OUR PRODUCTION CAPACITY IS INCREASING! OUR GOALS ARE BIGGER!

We have been wherever there is water since 2004.

Founded in Izmir by Tayfun Yazaroğlu, TAYFUR WATER SYSTEMS set out with the belief that water is the source of life. Beginning with the production of hydraulic control valves, this journey has now transformed into a strong and reliable brand offering innovative solutions across a wide range of areas, including irrigation, drinking water, firefighting and industrial systems.

In every project, while determining the direction of water, we are also shaping the sustainable infrastructure of the future. From production to project design, from installation to technical support, we work without compromising on high quality standards, with our state-of-the-art facilities and expert team. We aim to offer our customers not just products, but also trust, continuity and technical excellence.

TYPHOON branded products are developed entirely with our own production capabilities and local engineering expertise. These products stand out not only for their durability, but also for our philosophy of preserving the value of every drop. Thanks to our production processes that comply with international standards and our customer satisfaction-focused approach, we are proud to be recognised as a reliable business partner both domestically and globally.

Today, TAYFUR WATER SYSTEMS, a brand with roots in Izmir, continues on its path with the vision of being a symbol of quality, innovation, and trust wherever water is present.





Agricultural Irrigation Systems

The foundation of efficient agricultural production lies in delivering water at the right time, in the right quantity, and to the right location. Modern agricultural irrigation systems ensure both the efficient use of water resources and an increase in product quality and yield. The solutions developed in this context enable farmers to achieve a sustainable production structure independent of climatic conditions.

At TAYFUR WATER SYSTEMS, with our many years of engineering experience in the field of agricultural irrigation, we manufacture critical components such as hydraulic control valves, suction valves, backwash valves and meters to high quality standards. Each of our products saves energy by increasing the automation capabilities of the systems, prevents water wastage and minimises maintenance requirements. Thus, we offer reliable and long-lasting solutions for both small-scale businesses and large agricultural projects.

The products we develop are designed in accordance with international standards and tested to deliver maximum performance in challenging field conditions. At TAYFUR WATER SYSTEMS, our goal is to provide smart, durable, and sustainable systems for producers who value every drop. Because we believe that by determining the direction of water, we are shaping the future of agriculture.



Industrial Area Systems

Proper water management in industrial facilities is critical to the efficiency and sustainability of production processes. Every application, from pressurised lines to cooling circuits, fire systems to process lines, requires precise control and high durability. Therefore, the performance of equipment used in industrial systems is directly related to facility safety and operational continuity.

At TAYFUR WATER SYSTEMS, we manufacture products that play a critical role in industrial applications, such as hydraulic control valves, backwash valves, vacuum breakers, and meters, to high engineering standards. Our products adapt to harsh working conditions with their high pressure resistance, corrosion resistance, and long service life. By providing complete control over fluid management, they increase energy efficiency in systems and minimise maintenance times.

Designed to comply with international standards, our solutions are trusted across a wide range of applications, from factories to power plants, water treatment facilities to infrastructure projects. At TAYFUR WATER SYSTEMS, our goal is to make industrial water management smarter, safer and more sustainable, providing our customers with the assurance of uninterrupted operations.



Fire Systems

Fire safety is one of the most vital elements of every structure, from industrial facilities to public buildings, infrastructure projects to living spaces. The reliability of the equipment used in these systems is critical not only for the protection of the facility but also for the protection of human life.

As TAYFUR WATER SYSTEMS, we are a company specialising in the production of hydraulic control valves to ensure maximum safety in fire lines. Our products are designed to guarantee the fast, reliable and uninterrupted operation of fire systems. These valves, which stand out for their high pressure resistance, leak-proof performance and long service life, are tested in accordance with international standards and offered with quality assurance.

With our advanced engineering infrastructure and production experience, we produce solutions that can be used safely in various applications, from automatic sprinkler systems to fire pump stations. At TAYFUR WATER SYSTEMS, our goal is not just to manufacture products; it is to be part of systems that make a difference in fire safety, inspire confidence, and protect life.



Filter Automation

Water is a vital resource that must be managed with maximum efficiency during the filtration stage, as it is in many industrial and agricultural processes. Proper automation in filtration systems is critical in terms of energy savings, ease of maintenance, and system continuity. An effective filter automation system determines not only the quality of the water but also the lifespan and efficiency of the entire system.

At TAYFUR WATER SYSTEMS, we offer comprehensive solutions in the field of filter automation. Our products, such as hydraulic control valves, backwash valves and panels, bottom valves, and dirt traps, ensure precise flow management in automatic filter systems. Our products optimise the water filtration process while performing backwashing operations precisely and efficiently. This reduces the risk of clogging in systems, prevents energy losses, and extends maintenance intervals.

All our products stand out with their durable material construction, precise control capability, and long-lasting design. At TAYFUR WATER SYSTEMS, our goal is to provide our customers with smart, reliable, and sustainable automation solutions by maximising efficiency in filtration processes. Because we believe that water purity begins with system safety.

Control Panels

DC Type 2/10 internal DP (2-Wire)

- Option to use up to 2-10 filter stations
- Easy programming/memory thanks to the digital display on the device
- 6 V DC power input
- Washing cycle from 1 minute to 120 hours
- Washing time from 5 seconds to 999 seconds
- Waiting time between stations from 5 seconds to 99 seconds
- Alarm feature in case of infinite cycle problems
- Manual operation, DP only, or timed operation with DP
- Operating temperature between 0-60 degrees
- 9V DC - 12V DC Solenoid coil output



DC Type 2/10 internal DP (2-Wire)



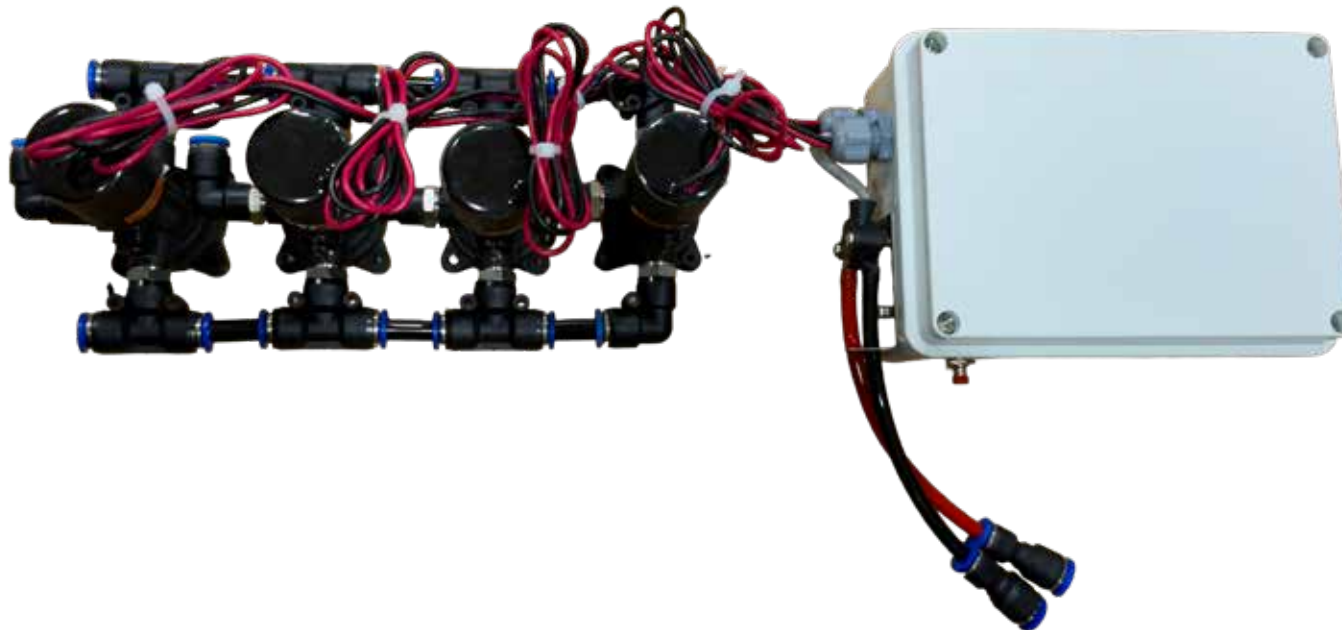
- Option to use up to 2-10 filter stations
- Easy programming/memory thanks to the digital display on the device
- 6 V DC power input
- Washing cycle from 1 minute to 120 hours
- Washing time from 5 seconds to 999 seconds
- Waiting time between stations from 5 seconds to 99 seconds
- Alarm feature in case of infinite cycle problems
- Manual operation, DP only, or timed operation with DP
- Operating temperature between 0-60 degrees
- Remote control feature via our mobile application thanks to Bluetooth connection



DC Type 2/10 internal DP (2-Wire)



- Up to 2-4 filter stations can be used.
- Programmable/Memorized
- 6 V DC power input
- Washing cycle from 1 minute to 120 hours
- Washing time from 5 seconds to 360 seconds
- Wait time between stations from 5 seconds to 20 seconds
- Alarm feature in case of infinite cycle problems
- Manual button, timed operation with only DP or in combination with DP
- Operating temperature between 0-60 degrees



Control Panels

AC Type 1-2-3 Internal DP

- Ideal for use with 1, 2 and 3 station filters
- Ability to initiate backwashing with internal DP
- Ability to initiate backwashing based on DP or time
- Simple set point selection via DIP switches
- Manual operation capability
- 220V AC power input



DC Type 1-2-3 Internal DP

- Ideal for use with 1, 2 and 3 station filters
- Ability to initiate backwashing with internal DP
- Ability to initiate backwashing based on DP or time
- Simple set point selection via DIP switches
- Manual operation capability
- 6V DC and 12V DC power inputs



Differential Pressure Device (DP)

- Simple setting point selection with DIP switches
- Connection models for 220V AC and 6V DC power supply
- Ability to set a differential pressure range up to 2 bar
- Ability to trigger an alarm via LED indicators



Control Panels

AC Type 2/10 DP Excluded

- Can be used with up to 2-10 filter stations
- Easy programming thanks to rotatable switches on the device
- 220V AC power input
- Washing cycle from 10 minutes to 24 hours
- Washing time from 10 seconds to 180 seconds
- Station-to-station waiting time from 5 seconds to 40 seconds
- Ability to trigger an alarm in case of infinite loop issues
- Can be operated manually, only with DP, or with DP and time-controlled



DC Type 2/10 DP Excluded (2-Wire)

- Can be used with up to 2-10 filter stations
- Easy programming thanks to rotatable switches on the device
- 6 V DC power input
- Washing cycle from 10 minutes to 24 hours
- Washing time from 10 seconds to 180 seconds
- Station-to-station waiting time from 5 seconds to 40 seconds
- Ability to trigger an alarm in case of infinite loop issues
- Can be operated manually, only with DP, or with DP and time-controlled



Control Panels



Main Components

#	Material Name	Description
1	Protection Board	Plastic
2	Control Panel	24VAC input / 12VDC input, clamp-on power
3	Pressure Differential Device	24VAC input / 12VDC input, clamp-on power
4	Nipple Adapter	1/4" / 1/4" hose connection
5	Solenoid Valve	AC/DC power, 1/8" female
6	T-Joint	1/8" male / 8mm hose connection
7	Elbow Joint	1/8" male / 8mm hose connection

Control Panels



Certificates



Trade Fairs



Her Fabrika Bir Kaledir*

K. Atatürk



* Every factory is a fortress