



Besgo Valves

RELIABLE FLOW CONTROL FOR DEMANDING APPLICATIONS



Besgo Valves

Besgo valves are engineered for precision, durability, and long service life in complex fluid-handling systems. Their robust pneumatic actuation, minimal maintenance requirements, and high resistance to corrosion make them a trusted choice in water treatment, pool technology, and process automation. Each valve configuration is designed to manage flow paths efficiently, ensuring optimal performance across a wide range of applications.



Types of valves and how to use them:

- **2-Way Valves**

Provide straightforward open/close functionality. Ideal when you need to start or stop flow in a single pipeline.

- **3-Way Valves**

Allow switching between two circuits. Perfect for systems requiring alternating flow, such as bypass loops or diverting operations.

- **5-Way Valves**

Designed for advanced systems where several flow paths must be controlled with one actuator—commonly used in filtration systems for automatic backwashing cycles.

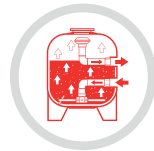


Terra & Aqua is a preferred distributor for **Besgo** in Middle East.

We maintain a consistent stock of valves to ensure prompt availability for our clients.

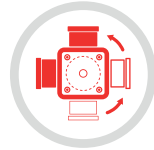


Besgo Valves benefits



Low pressure drop:

Offers higher backwash velocity & efficiency than traditional 6-way valves.



High installation flexibility:

Can be fitted directly on the filter or mounted on a wall (90° rotating connections)



Very safe to operate:

The valve returns automatically to "Filtration mode" in case of electrical failure.



Fast switchover:

The filtration pump does not have to be stopped during the switchover.



Swiss Made:

High quality product providing outstanding reliability. TÜV Rheinland certified / GS mark (Tested safety).



Adapted to all sand filters - up to 2 meters in diameter:

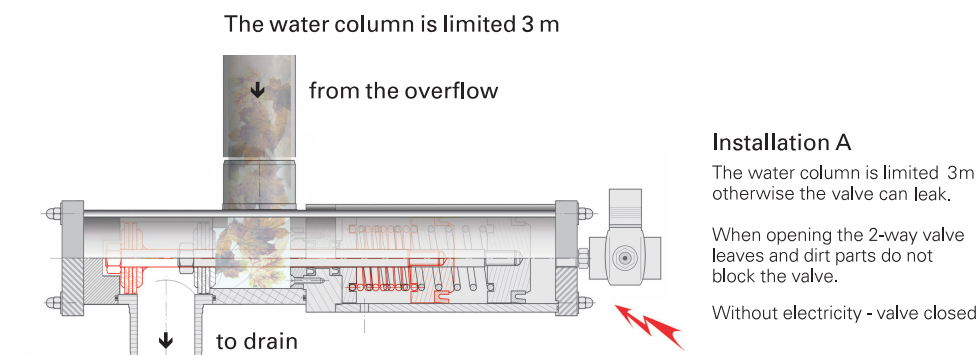
Valves available from DN40 (50mm) to DN125 (140mm)

Besgo 2-way Valve

The 2-way Besgo valve is a robust, pneumatically operated shut-off valve designed for reliable control of a single flow path. Engineered for simplicity and durability, it provides precise open/close functionality with minimal maintenance requirements.

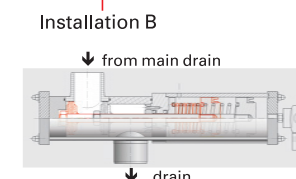
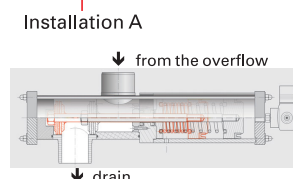
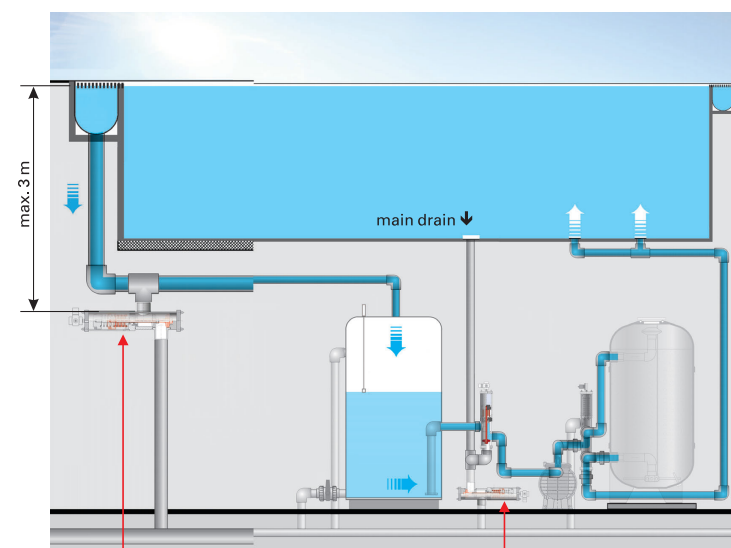
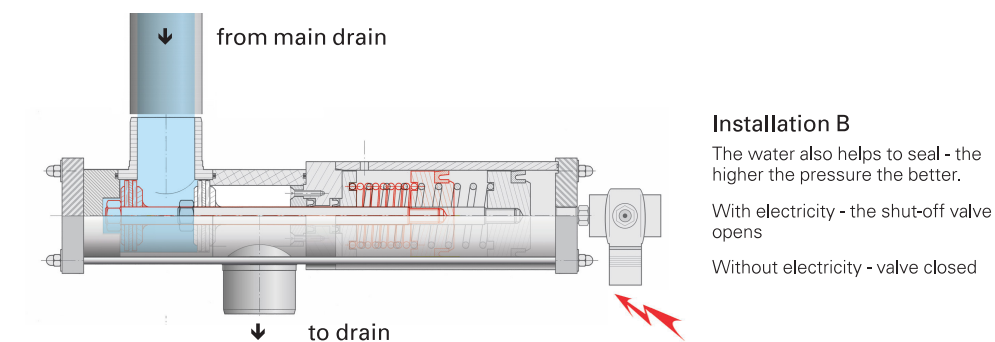
Installation A

Connection to cleaning overflow channel



Installation B

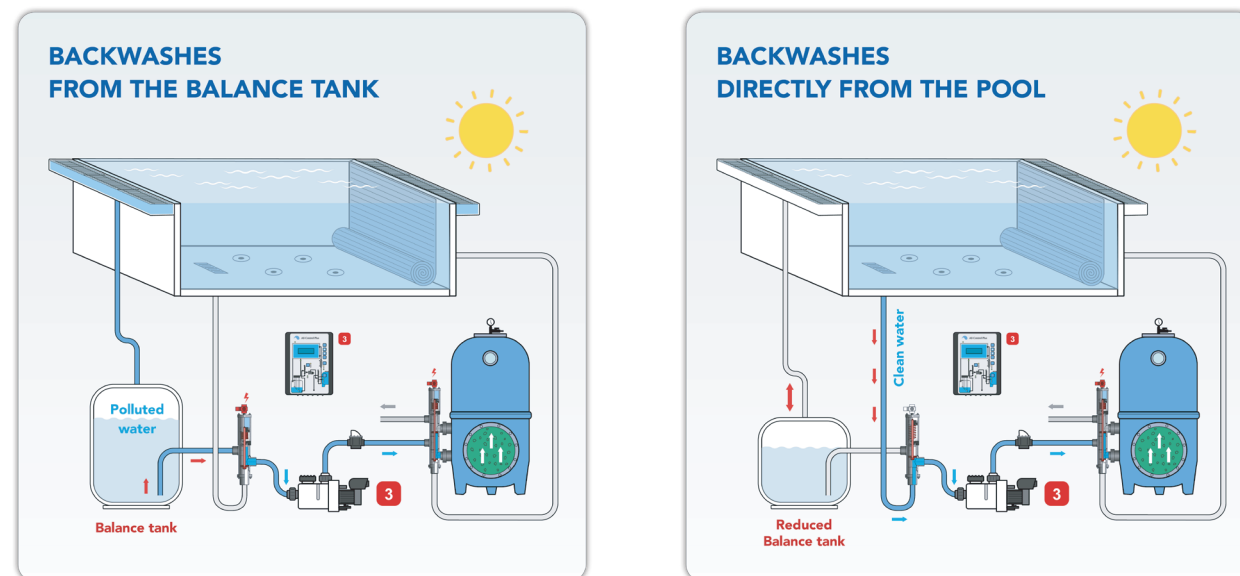
Connection to emptying swimming pool



Besgo 3-way Valve

The 3-way Besgo valve is a versatile pneumatic valve designed to direct flow between two outlet paths. Its durable construction and reliable switching performance make it ideal for systems requiring flow diversion or bypass functions, such as filtration circuits and automated process lines.

Automatic backwashes



With the installation of a Besgo 3-way valve your backwashes can be done automatically from your pool's main drain. **Why is this a better solution?**

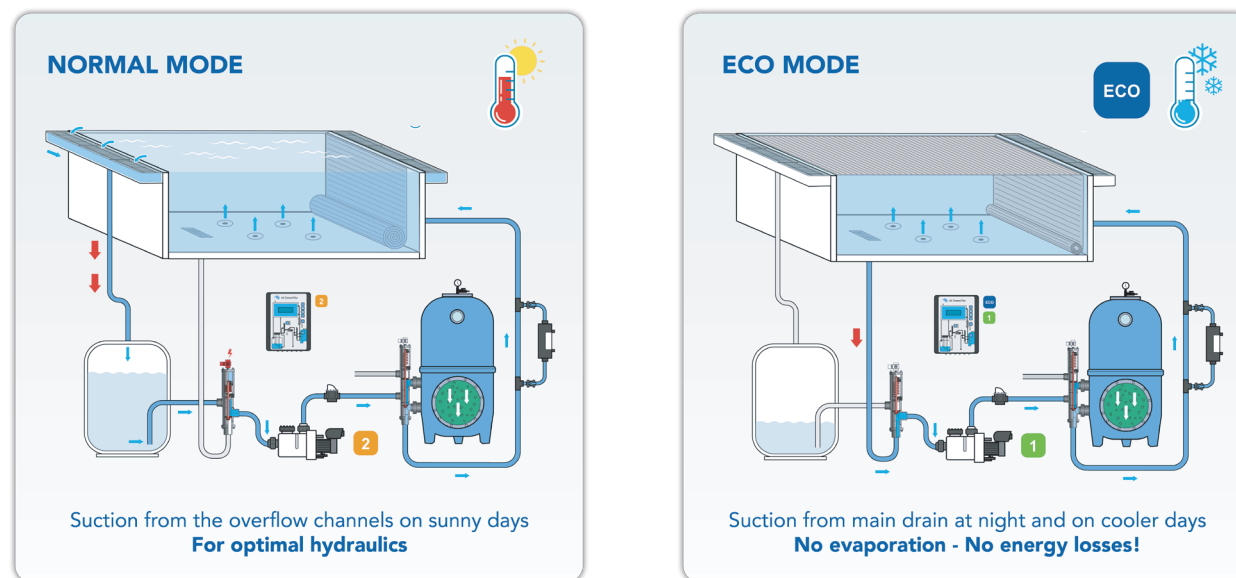
Because it is much better to use clean water for your weekly backwash! In a pool system, the most polluted water is located in the balance tank while the cleanest water is located at the bottom of your pool. In addition, you will get more pressure to optimise your backwash efficiency and will be able to make significant money savings by reducing the size of your balance tank!



Besgo 3-way Valve

Energy saving mode

For overflow pools



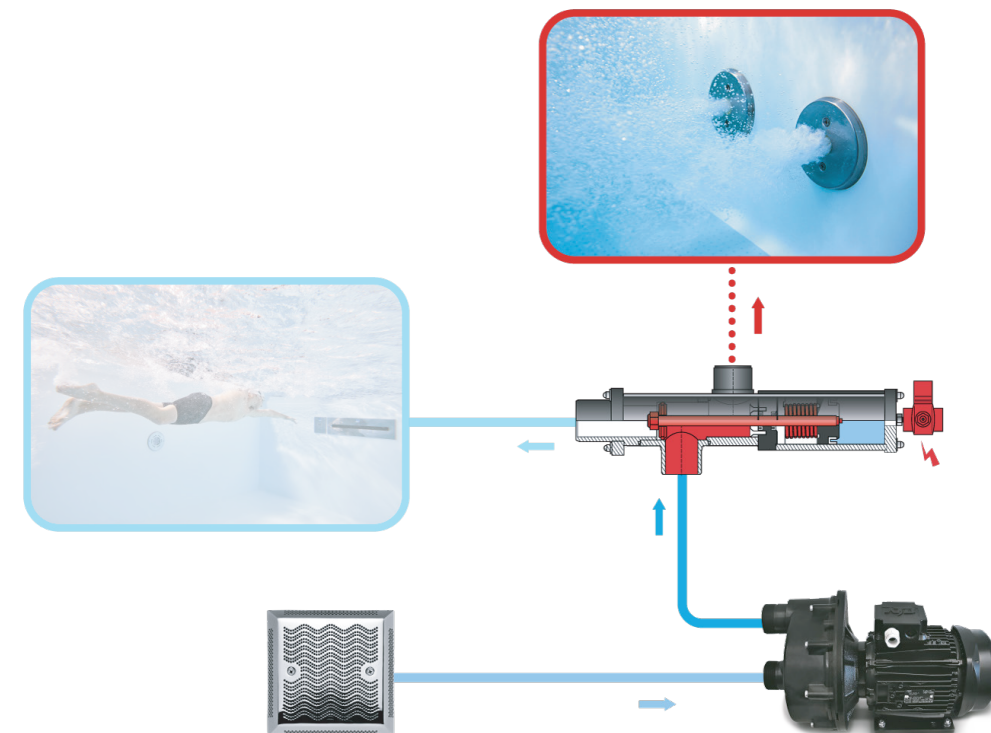
With the installation of a Besgo 3-way valve and an AS Control Plus, water filtration can be switched automatically according to the outside temperature.

In economy mode, suction is done directly from the pool so the water does not overflow. Evaporation and energy losses are this way considerably reduced.

Two water features

With one pump

The switchover between two water attractions is possible with only one pump. Moreover there is no need to turn the circulation pump off during the process.



Besgo 5-way Valve

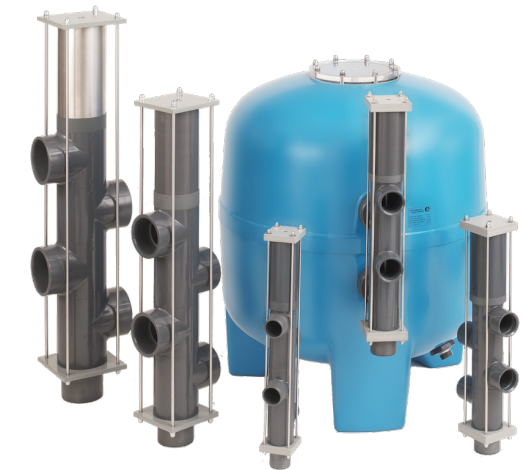
Besgo 5-way valves deliver reliable, high-performance flow control designed for demanding pool and industrial water systems. Engineered for durability and effortless operation, these valves streamline complex hydraulic configurations by combining multiple functions into a single, compact unit.

Operation of the 5-way Valve

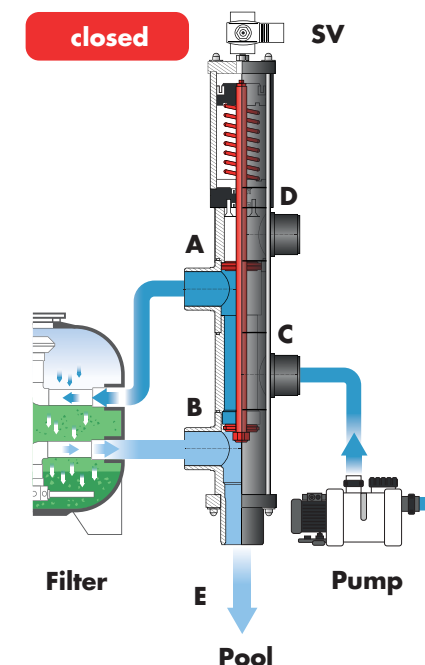
The Besgo 5-way valve works automatically and can be operated either by water or air pressure. A connection to the water network or a small air compressor will provide the 3.5 bars required.

To program and activate the solenoid valve, a simple 230V electric controller / timer is sufficient.

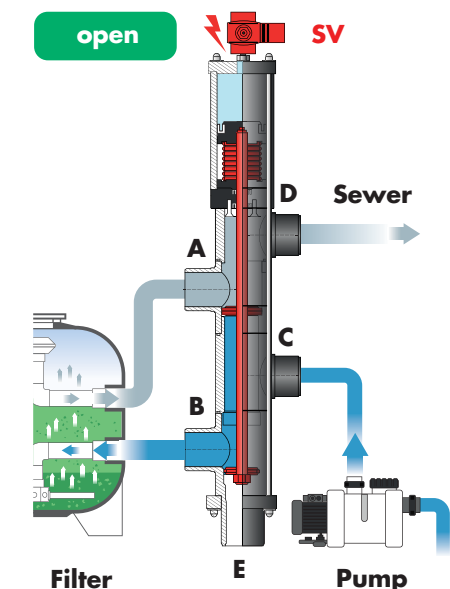
The solenoid valve receives the electrical current and opens, the incoming pressure compresses the spring inside the Besgo valve and starts the backwash process. The backwash process lasts as long as desired, as long as the solenoid valve receives electrical current. In the event of an electrical failure, the Besgo valve returns automatically to its "Filtration" position. An involuntary draining of the pool is therefore not possible.



Filtration mode
Solenoid valve closed



Backwash mode
Solenoid valve open

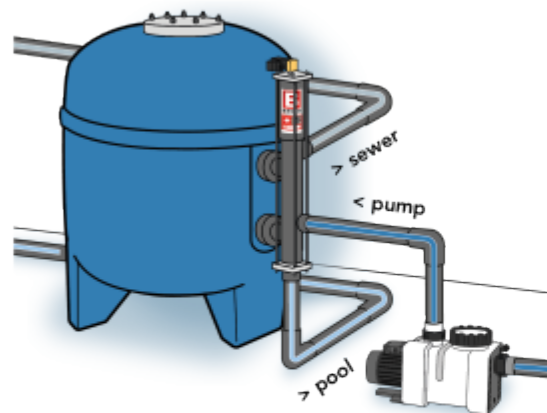


- | | | |
|------------------------------------|--|--|
| SV Solenoid valve | B Filter connection (outlet) | D Connection to the backwash pipe (sewer) |
| A Filter connection (inlet) | C Connection to the filtration pump | E Connection to the pool (filtered water) |

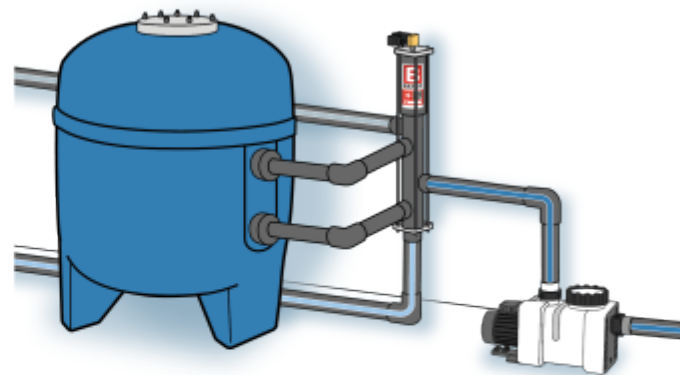
Besgo 5-way Valve

Installation flexibility

Besgo connection unions can be rotated by 90 degrees. In addition, a fine adjustment of $\pm 4^\circ$ is possible. This guarantees an installation free from any tension. All Besgo valves have to be glued on the outside and should always be installed with detachable connections such as screw connections or flanges. This makes service work or replacement easy.



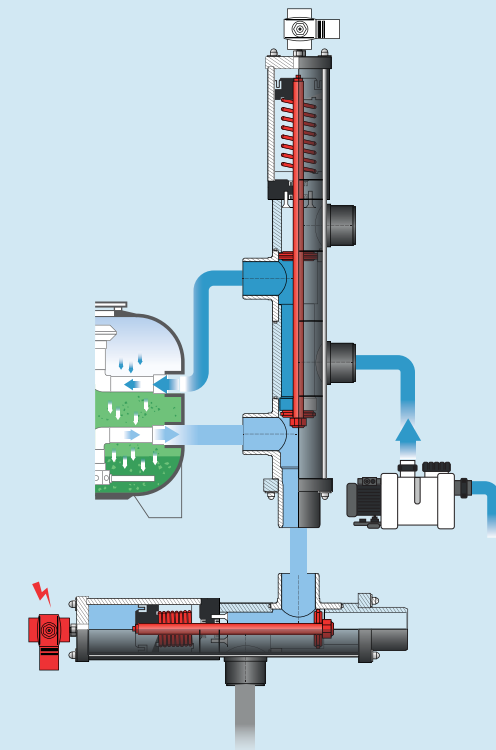
Fitted directly on the filter



Mounted on the wall (recommended for big valves)

Automatic rinsing

Add a Besgo 3-way valve to your Besgo 5-way valve to benefit from fully automated filter rinsing.





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www.terra-aqua-arabia.net

Phone: +971 52 552 6090

TERRA AND AQUA ARABIA MANUFACTURING - L.L.C - S.P.C
Commercial Unit B14-06, KEZAD, Abu Dhabi, UAE
VAT Registration Number: 105261304700003