

SPA2.ME Cartridge Filter



THE NEW

CARTRIDGE FILTER

THAT PROVIDES AN EFFICIENT &
FINE FILTER MEDIUM.

NOW AVAILABLE

Product Components



The **Cartridge Filter** is a water filtration system that uses a filter cartridge. It may contain either a standard filter (particle filtration of 15 microns) or an antibacterial filter (particle filtration of 10 microns) from the Weltico range. The filter is installed downstream of the pump and operates under pressure, with the pump pushing water into it.

Ergonomic, sealed handle makes handling easier

True filter media efficiency thanks to a combination of patented processes

Pleat spread maintenance system. Prevents clogging of the cartridge for better filtration



MORE POWERFUL

Our Cartridge Filter solutions – a filter element that provides an efficient and fine filter medium.



STRENGTHS OF OUR CARTRIDGES

The **Cartridge Filter** offers excellent filtration fineness, capturing particles as small as 15 micrometers compared to 50 micrometers for a traditional sand filter. It is also more environmentally friendly and highly water efficient. For cleaning, only about 20 liters of water are required to wash one cartridge, whereas a sand filter typically consumes around 300 liters. This efficiency results in significant water savings over time. In addition, the cartridge filter is fully compatible with saltwater systems and is suitable for pools of all sizes and types, making it a versatile and sustainable choice for modern pool maintenance.

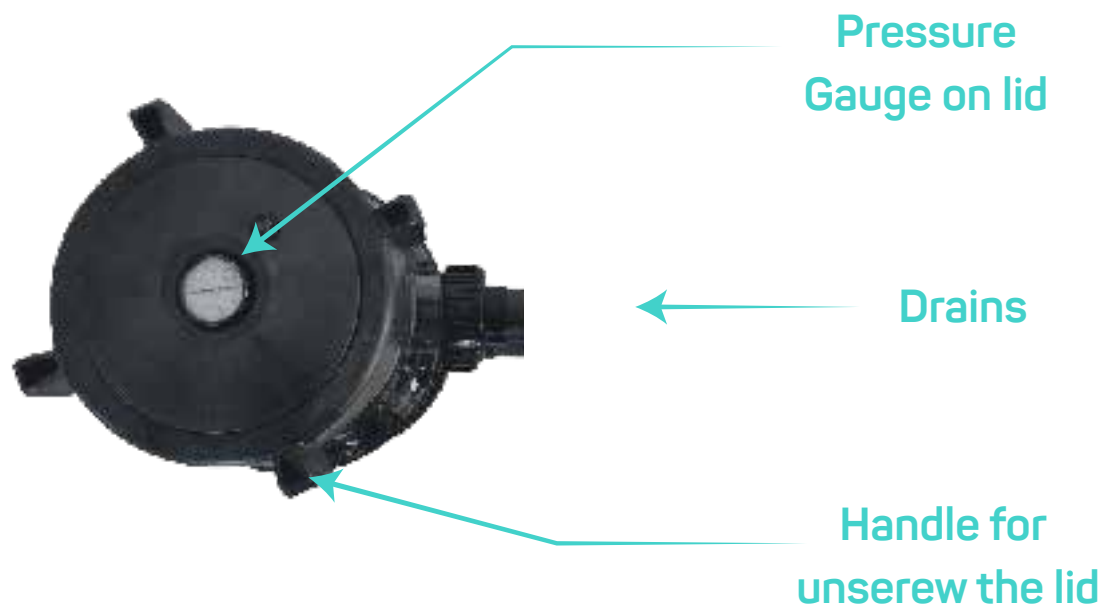
All Air Trapped Inside The Filter



Filter Inlet

Filter Outlet

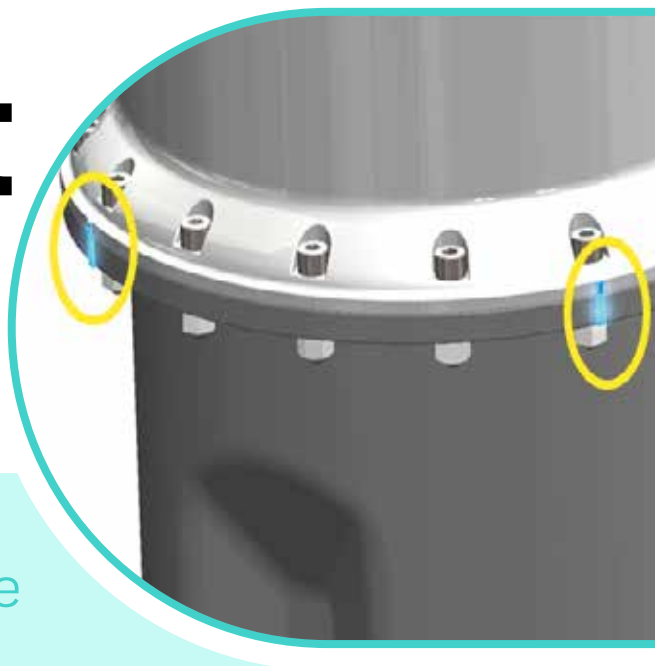
In the Filter position, the water sucked through your pool pump is circulated via the top of the filter tank. Impurities are removed from the pressurized as it passes through the cartridge filter material. All air trapped inside the filter must be released before closing the bleed screw on the lid.



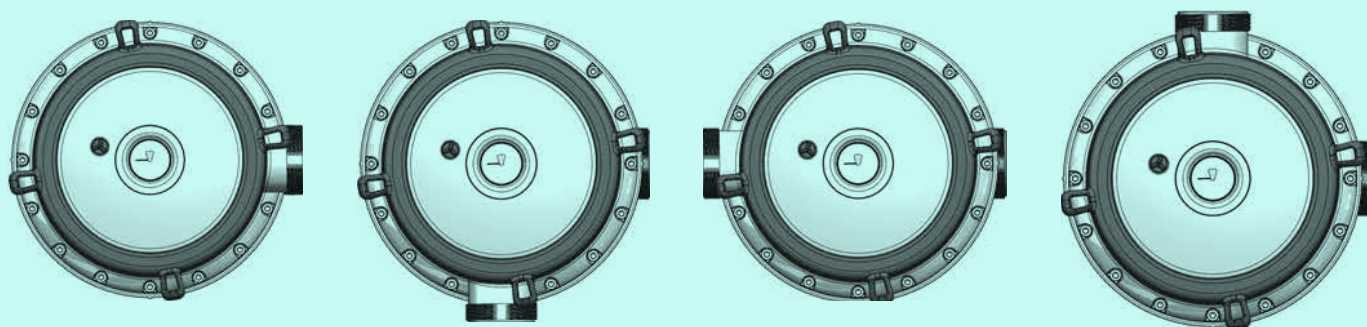
Filtered Water Flow & Cartridge Maintenance

In the Filter position, the water drawn in by your pool pump is circulated through the top of the filter tank. Impurities are removed from the pressurized water as it passes through the cartridge filter material. All air trapped inside the filter must be released before closing the bleed screw on the lid.

Correct Rib Placement on Filter



4 Main positions marked on case
(0°/90°/180°/ 270°)



Always use 2 suitable tools:
A 6-mm male hex key. A 13-mm key for the lock ring.

Adjust to the desired position. Tighten the 16 bolts in a quincunx or diagonal order so that both sections make contact. Ensure the gasket is in place before tightening the nuts, and do not overtighten. The recommended torque is 12 N·m to 15 N·m maximum (with the filter not running).

Maintenance of Cartridge and Filter Media

All filters and filter media must be inspected regularly to ensure there is no accumulation of debris and to maintain effective filtration. Used filter media must be discarded in accordance with applicable regulations and legislation. A cartridge is provided and factory-installed in the filter.

The cartridge must be removed for cleaning or replacement if a pressure differential of $\geq 0.5 \text{ kg/cm}^2$ (0.5 bar) is observed compared to the reference pressure P_r (as defined in the "Start-Up" section). The multiport valve must only be operated when the pump is stopped.



Tighten

Loosen



Choosing the Right Cartridge Filter for Your Pool



Cartridge Filter		Height
C7	22 m ³ /H	761 mm
C6	19 m ³ /H	636 mm
C5	15 m ³ /H	511 mm
C3	11 m ³ /H	386 mm
C2	7 m ³ /H	261 mm

50m³

65m³

80m³

95m³

5 Cartridge Sizes

Weltico offers five cartridge sizes, covering a filter area from 2.5 m² to 7.6 m², with polyester media that ensures fine filtration down to 15 micrometers. Each cartridge is equipped with a patented device to prevent pleat adhesion, and for optimal performance, it should be replaced every 1–3 seasons depending on pool use, environment, and maintenance. This design provides consistent water clarity while reducing cleaning frequency. In addition, the durable construction ensures long-lasting reliability for all types and sizes of pools.



OPTIONS

Possibility of connecting the SPA2.ME units side by side Additional features

1. Compact and modular design
2. Handle with patented, sealed closure
3. Easy and water-saving cleaning mode
4. Significant energy savings.



Drain kit

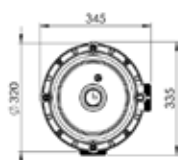


Automatic ventilation

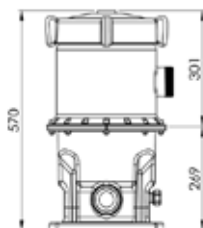


Manual venting

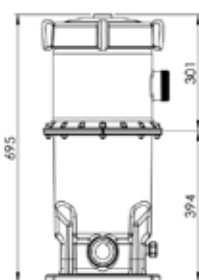
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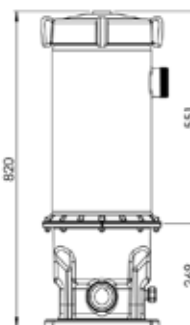
TOGETHER



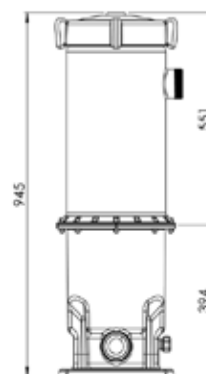
VERSION C3



VERSION C5



VERSION C6



VERSION C7



GOOD IDEA!

For even less maintenance and a longer service life:

Place **SPA2.ME** upstream of a Weltibag or Skimibag, reducing contamination of your cartridge.



DIMENSIONS

Outer diameter	180 mm
Inner diameter	50 mm
Lengths	from 261 mm to 761 mm
Folds	120 folds with a height of 42 mm

MATERIALS AND CONSTRUCTIONS

Filter media	Polyester/cellulose with a porosity of 15 µm as standard.
Flanges/comb/Drainage grid	Polypropylene.
Inner core	Recycled polyethylene.
Adhesive	Hot-melt.

TERMS OF USE

Maximum pressure drop	3.5 bar.
Recommended replacement differential pressure	0.1 bar.
Maximum application temperature	45°C.

- ✓ Compact and modular design
- ✓ Easy and water-saving cleaning mode
- ✓ Closed circuit without the need for a drain connection
- ✓ Handle with patented, sealed closure
- ✓ Significant energy savings