

# PRECISE WEDGE-SHAPED WATER FILTER



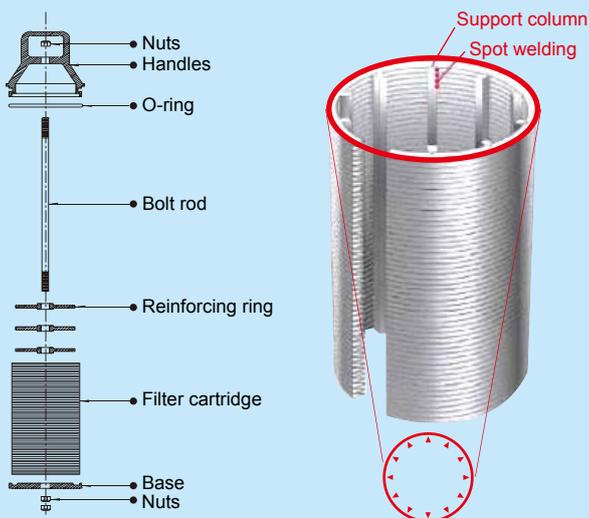
*Purification starts from the source  
No consumables, one investment for permanent use*

ARC precise wedge-shaped filter are based on SUS316L filter cartridges that use German technology and made in Belgium. The bodies are made of SUS316 stainless steel to ensure long product life, and the solid wedge-shaped cartridges, which resist high pressure and high temperatures, are precise and not prone to distortion.

When running water flows from the external surface of the filter cartridge to its interior, impurities are blocked at its external surface, and the vortex flow created outside the cylindrical deflector forces the contaminants and impurities to fall toward the discharging valve at the bottom of the filter to achieve the filtration effect through the centrifugal principle.

When the drain valve is opened for 20-30 seconds, all the impurities at the exterior of the filter cartridge can be discharged to save water and filter contaminants. The precision of the filter cartridge can reach up to 50 microns with a clearance of 0.05 mm (300 meshes). The filter cartridges are made from stainless steel SUS316L, which is resistant to acids and alkalis and can be used permanently without the loss of consumables.

## Overview of the filter cartridge



### SUS316L filter cartridge based on high- precision technology

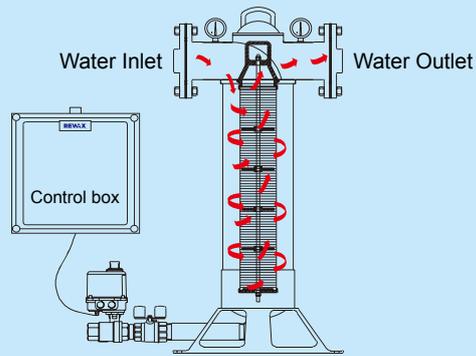
The wedge-shaped stainless steel filter cartridge used in REWAX is a product manufactured from precision technology in Europe; the shape of the cartridge has perfect surface roundness and smoothness, resulting in filtration effects far superior than those of general products.

- The filter cartridge is made of SUS316L stainless steel, which is resistant to acids and alkalis and never has to be replaced.
- The clearance of the filter cartridges is 0.05mm (300 meshes) and the precision level can reach 50 microns.
- Can filter fine impurities in water to effectively block the impurities in old water pipes to reduce the washed times of water tank.

## Advantages

- The entire stainless steel set is durable.
- Its small size allows for easy installation without the need for a machine room.
- The SUS316L filter cartridge with first-class quality.
- Made in Taiwan to guarantee high quality and premium services.
- Replacement of the filter cartridge is not required, thus saving on costs related to filtering materials.
- Fully automatic operation without pump pressurization or manual intervention.
- Multiple filter cartridge precision levels to choose from.
- One investment for life--time benefits.

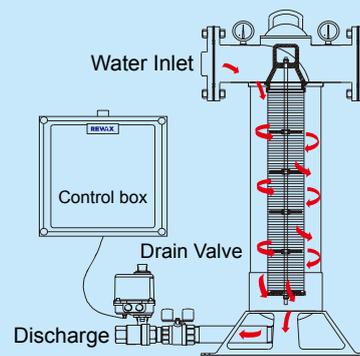
## Water Filtering



When the raw water flows from the exterior of the filter cartridge to the interior, impurities are absorbed on the external surface of the cartridge, and the vortex flow is created outside the cylindrical deflector, thus forcing the contaminants and impurities to fall toward the drain valve at the bottom of the filter cartridge due to the centrifugal principle.

Clean water flows from the exterior of the cartridge to its interior to achieve the filtration effects and then flows to the water tank through the filtered water outlet.

## Contaminants Discharging



The time when the contaminants are discharged is set and controlled by the control box, and the contaminants drain valve will then be opened.

The raw water enters the filter through the inlet, washes away the impurities settling around the filter cartridge along its flowing path, and discharges them to the wastewater pool through the drain valve at the bottom of the filter. Reduce clogging of the filter cartridge, the times of cartridge washed, and labor costs.

## Features

### Hard to clog

Wedge-shaped stainless steel wires form slotted clearances, which make it hard to develop partial clogging.

### High aperture ratio

Opening area at least 30% greater than other traditional filter meshes.

### High precision

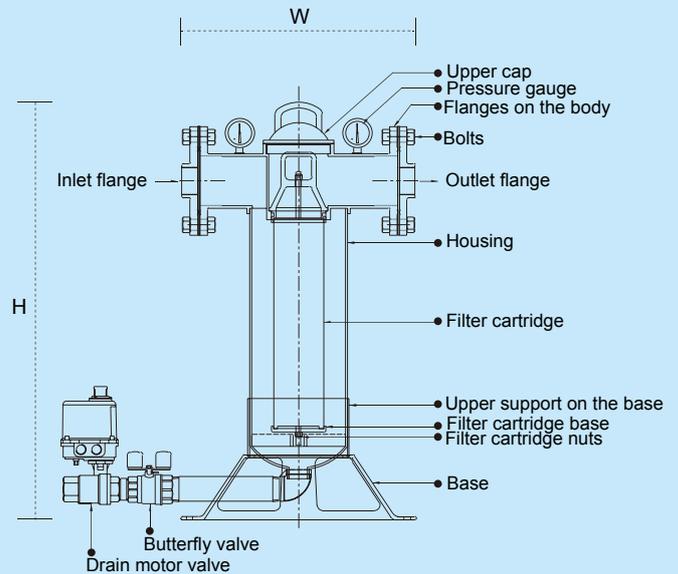
Sophisticated processing technology from Germany and perfect workmanship represent highly precise expertise.

### Pressure-resistant structure

The wedge-shaped stainless steel wires twisted at the solid circular supporting rod, together with the precise spot welding at the connection, result in a pressure-resistant structure not prone to be easily damaged.

### Easy to clean

Made of wedge-shaped stainless steel wires, the structure can be cleaned by scraping, washing, or backwashing impurities off its surface.



Automatic type	Inlet / Outlet	Drain	Cartridge size	Filtration precision		Dimension		Flow rate
				Mesh	m/m	Width (mm)	Height (mm)	
Model No.	(in)	(in)	Diameter x L (mm)					(L/Hr)
25ARC	1"	3/4"	Ø85x300	300	0.05	396	665	5200
40ARC	1½"	3/4"	Ø85x500	300	0.05	396	865	8800
50ARC	2"	3/4"	Ø85x600	300	0.05	396	965	10500
65ARC	2½"	3/4"	Ø85x900	300	0.05	396	1265	15800
80ARC	3"	3/4"	Ø85x1000	300	0.05	396	1365	17400
100ARC	4"	3/4"	Ø85x1000	300	0.05	396	1365	17400

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