

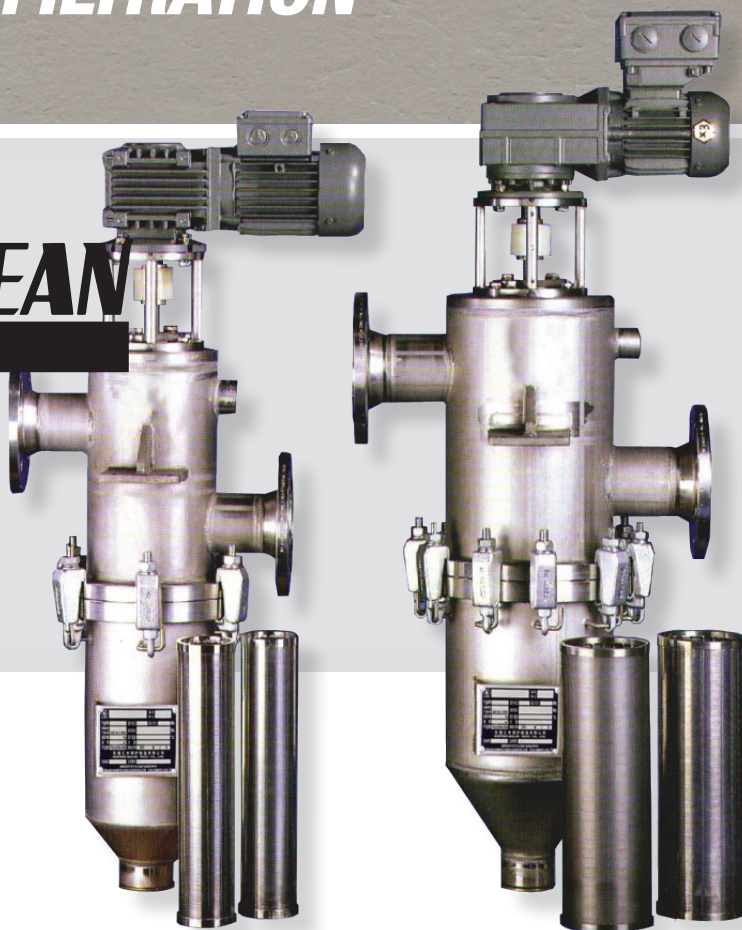
MARKET LEADERS IN FILTRATION

RONA™ SELF CLEAN™

WEDGE WIRE ELEMENTS

Filter

RONA™ SelfClean™ filter with its motor-driven cleaning device is suitable for the separation of suspensions, as well as the continuous separation of solid particles from liquids, whose viscosities may range from water-thin to pasty. The RONA™ SelfClean™ offers a wide range of application possibilities throughout the entire processing industry.



FEATURES

- The filter housing is constructed in two parts and is easy to open. By loosening the quick clamps or hexagonal bolts, the lower compartment, including the sump can be removed by pulling downwards. The filter elements can be removed without special tools and are easy to clean, if required. The various design types are made of steel or stainless steel materials, with or without heating jacket.
- Clogging of the filter is almost impossible, because of the special construction of the wedge shaped filter element wires. The removal rating fineness is established by the width between the wedge formed wires. The elements may be changed without any special tools. The wedge wire filter can be supplied for wall or machine attachment or as a stand-alone unit.
- Permanent cleaning without stoppage
- No waste or disposal of filter cartridges
- Minimal product loss during purging
- High differential pressure
- No product contamination
- Purging by ball valve or automatic valve
- Customised solutions
- No cartridge use
- Self-cleaning
- Easy to dismount and inspect
- Low operating costs

APPLICATIONS OF PRODUCT

- Chemical Industry
- Beverage Industry
- Wineries
- Cosmetic Industry
- Plastic Industry
- Food Industry
- Mineral Oil Industry
- Car Industry & metal working

OPERATING CONDITIONS

Pressure: 10 bar

Max. Temperature: 200°C

MATERIAL OF CONSTRUCTION

Filter housing: 316 stainless steel

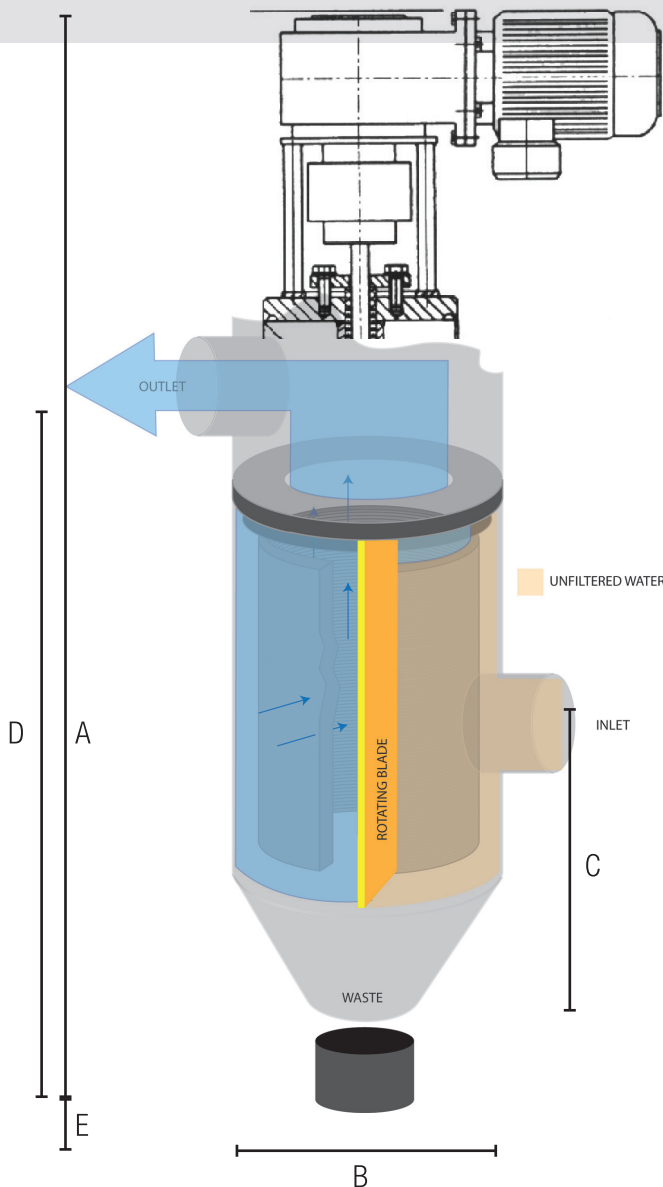
Filter element: 316 stainless steel

Gasket: Viton O-ring

Filter elements: 25um- 3 mm

EXTRA

An automatic purge system can be set up including an actuator and a time controller or pressure differential initiated valves. The installation of a manual by pass function is advised. Liquid losses are limited. The automatic strainer is available either skid mounted or with support legs.



The liquid flows from the outside to the inside of the wedge wire screen and leaves the filter housing through the higher placed exit. Between lower placed entrance and the upper exit a seal is placed, limiting any cross contamination between lower (dirt) part and upper (clean) part.

Dirt and particles are retained on the outside of the screen and are continuously removed from the filter element with a flexible scraper blade. The dirt is directed to the sump by a laminar flow in the filter and collected in the bottom part of the filter housing. This collection chamber may be purged either manually or automatically through a valve.

OPTIONS

- Explosion proof motor
- Special voltage
- High pressure version
- Coatings and special materials
- TUV and other certificates

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