New Russell 502 Eco Self Cleaning Filter

The newly re-engineered 2” filter

The new EF502

- Introduction
- How it works
- Benefits
- Specification
- Who to target
- Sales support material
- Pricing
- Sales codes
- Practical demonstration

Background introduction

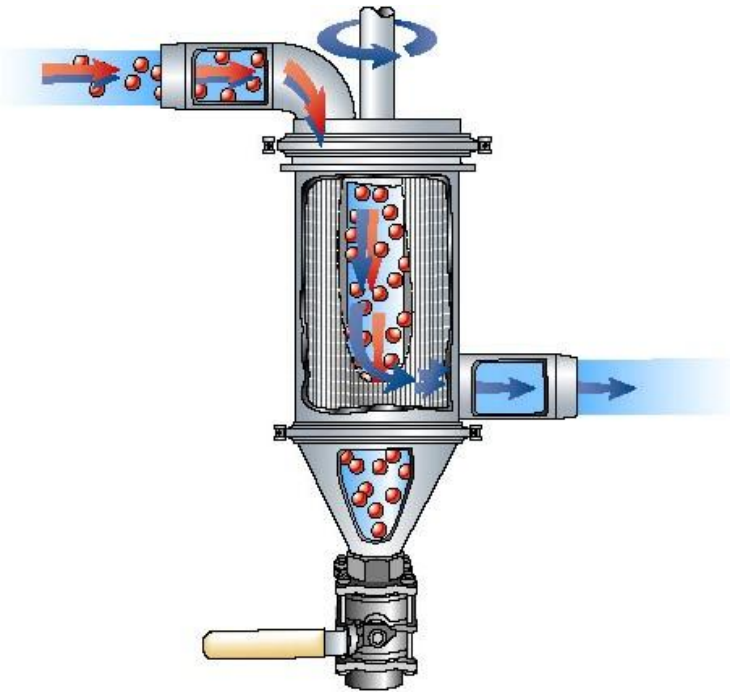
- Value engineer an existing product to make it more competitive in price.
- Align with 803 range as part of the family with the same features / benefits.
- Use parts which are common with the EF600 series to reduce stock holding and costs.

The EF502 Introduction

- On-line self cleaning filter
- Similar to an EF803 but with 2” connections instead of 3”:
- Lots of common parts with the EF600 series
  - Microscreens / Wedgewire screens
  - Wipers
  - Wiper cores (except horizontal versions)
  - Drives (air and electric)
  - Drive shafts
  - Seals (except body seals)
  - Agitator – on vertical version

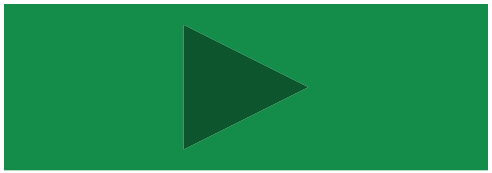
How it works

- Contaminated liquid enters through the inlet port
- Good product passes through the microscreen apertures
- Contamination moves to the sump section
- Contamination removed via a valve

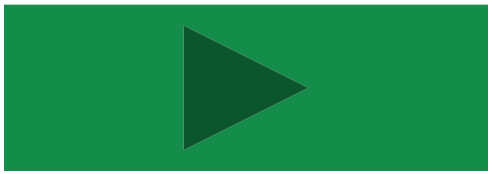


Demonstration videos

Click here for horizontal demonstration video



Click here for vertical demonstration video



Main benefits to customers

- Removes contamination to improve product quality and ensure their reputation
- Is completely enclosed reducing mess and harm to operators
- Re-usable filter elements
- Very easy to strip down and clean
- Lower maintenance costs
- Very low noise levels

Benefits over Competitors

- Re-usable filter media reduces running costs
- Better containment of product
- Higher flow rates
- More consistent flow rates
- Easier to clean

Specifications

- 2” (50mm) inlets and outlets
- 316L stainless steel contact parts
- Straight or spiral wipers
- Air or electric drives
- Line pressures up to 10 bar
- Jacket pressure 6 bar
- Max operating temp 150°C

Improvements over old EF502

- Better quality head casting
- All contact parts 316 ss
- 2” discharge valve
- Gives ability of higher spec finish - up to 180# grit

Examples of higher spec finish

Examples of higher spec finish

Standard Options

- Jacketed units
- Horizontal units including boom arm
- Microscreens:
  - Wedge Wire
  - Fine hole
  - Fine hole backed
- Filter management systems
- Ability to produce high pressure version – up to 500 psi working pressure

Where to specify the EF502

1. For use with higher viscosity liquids
2. Where there is a need for jacketed operation
3. Where there is the need for horizontal operation
4. Where the flow through principle is necessary

Any Questions?