

# ELFI FILTERS

## SELF CLEANING BACK FLUSHING FILTERS

### Save time, water & energy

In today's fast-paced industrial landscape, the demand for efficient and sustainable water treatment solutions has never been higher.

Wycombe Water proudly introduces ELFI Filters, a game-changer in the water treatment industry that not only saves time but also contributes to significant water and energy conservation.



# ELFI FILTERS

Set up in 2007, ELFI has established itself as a market leading supplier of **self cleaning filters, cartridge filters, strainer filters and centrifugal separators** for the water treatment industry. The flagship product of the ELFI Filter range is the self cleaning back flushing filter. This **unique design** uses differential pressure to achieve self cleaning and most importantly, **does not take** the filter **out of service** during the cleaning cycle. The ability to **completely self clean** whilst remaining in service, removes the need for costly replacement filter cartridges and with **no downtime**, the return on investment for such a system can be measured in a few months, if not weeks.

All units supplied by ELFI can be manufactured in **AISI 316 stainless steel, Duplex stainless steel** or **Super Duplex stainless steel**, the filter supporting mesh can be either plastic or stainless steel depending on the application and all units can be for standard or high temperature applications.

Manufactured at their ISO 9001 accredited factory in Parma, Italy, ELFI Filter products are **exclusively distributed** in the UK & Ireland by **Wycombe Water Limited**, contact us directly to discuss with our technical experts your applications and requirements.

## KEY FEATURES

### CONTINUOUS OPERATION

Boasting self-cleaning technology, eliminating the need for service interruptions during cleaning cycles.

### NO REPLACEMENT FILTER CARTRIDGES

Save on ongoing consumable costs & reduce the environmental impact of disposable filter components.

### REDUCED SHUTDOWN TIME & MAINTENANCE COSTS

Remarkable reduction in shutdown time, impacting operational efficiency. Lowered maintenance costs as the self-cleaning mechanism minimises manual interventions.

### ENERGY & WATER CONSERVATION

Designed with an emphasis on sustainability, leading to reduced energy consumption and lower water discharge.

### HIGHLY EFFECTIVE IN SUSPENDED SOLIDS REMOVAL

A superior level of filtration, enhancing the quality of treated water, extending the lifespan of downstream equipment & reducing the overall cost of ownerships.

### COST-EFFICIENT SOLUTION

A wise investment for businesses aiming to optimise their water treatment processes.

### LOW ENVIRONMENTAL IMPACT

A commitment to sustainability aligned with global efforts to reduce waste and promote responsible business practices.



# ELFI FILTERS

With filtration levels from 2mm down to 1µm and flow rates from less than 1m<sup>3</sup>/h to over 1000 m<sup>3</sup>/h, our dedicated technical team is ready to provide a filtration solution that meets your exact requirements.

ELFI Filters find **applications across a spectrum of industries**, including:

- Pre-filtration in **UF systems**
- Pre-filtration for **water treatment plants**
- **Evaporation & cooling towers**
- Spray **nozzle protection**
- **Heat exchangers**
- **Irrigation**
- **Sea Water**

## PRODUCT RANGE

- Self Cleaning Filter **MSCR PP**
- Self Cleaning Filter **SCR L (VERTICAL)**
- Self Cleaning Filter **SCR O (HORIZONTAL)**
- Self Cleaning Filter **SCR L HT**
- Self Cleaning Filter **SCR L M**
- Self Cleaning Filter **SCR L HT M**
- Filter Hydrocyclone **IC**
- Filter Hydrocyclone **IC HF**



Scan to find out more.

# EXCLUSIVE DISTRIBUTION BY WYCOMBE

As a **market-leading manufacturer**, ELFI products are exclusively distributed in the UK & Ireland **by Wycombe Water Limited**. This ensures that businesses in the region have access to cutting-edge water treatment solutions backed by the expertise of Wycombe Water.

**ELFI Filters stand at the forefront of innovation**, offering a holistic solution to water treatment challenges. By embracing these advanced filtration technologies, businesses can not only streamline their operations but also contribute to a more sustainable and environmentally conscious future.

Discover the transformative benefits of ELFI with Wycombe Water, specialists in commercial and industrial water treatment equipment.

Contact us!