

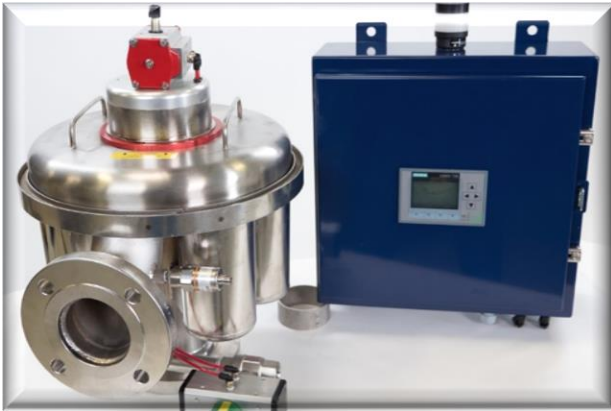
ZGF EZ Clean Filtration Systems Product Line Overview

The Most Advanced, Automatic,
Non-Disposable Liquid Filtration System



*The Most Advanced, Automatic, Non-Disposable Liquid Filtration System
Performance, Simplicity, Consistency, Reliability and the Lowest Cost of Ownership*

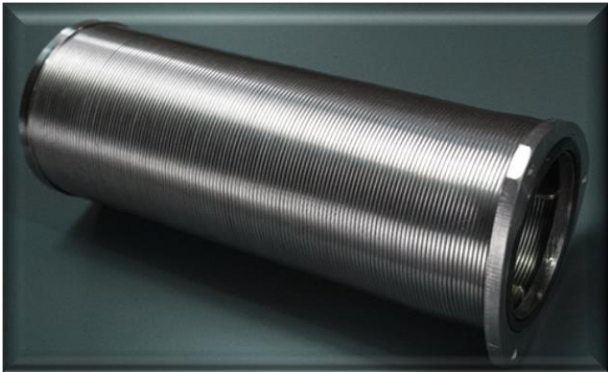
The ZGF EZ Clean filtration systems (Phoenix and EZ Series) are the most advanced, best in class, automatic, non-disposable liquid filtration systems in existence. The EZ Clean family of products includes the EZ100, EZ700, EZ700S and EZ900.



**EZ Clean
Filtration
Systems**



All EZ Clean filtration systems utilize the ZGF Spring Filter element. The ZGF Spring Filter element sets the standard for permanent media, fully automatic, self-cleaning filters. The absolute gap allows ZGF filter systems to efficiently and effectively capture contaminants from liquids; and the unique continuous coil design allows for complete cleaning of the filter element with each backwash. The proprietary, non-disposable, absolute gap filter elements are available in micron ratings ranging from 20 – 400 micron and are guaranteed for 5-years!



The ZGF Spring Filter element to opens uniformly along its entire length during backwash. The benefits are as follows:

1. Particles wedged or lodged are quickly released and washed away as the gap is increased.
2. The Spring filter element “shimmers” which further enhances the cleaning process.
3. The moment the filter element begins to open during backwash, the fluid velocity is instantaneously increased and subsequently followed by a surge in flow that scours the coil effectively and efficiently removing the contaminants.

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EZ CLEAN PRODUCT LINE

Precision Engineered, Absolute Gap								
Filter	20 μ	35 μ	50 μ	75 μ	100 μ	150 μ	200 μ	400 μ
EZ100 (per pod)	10 gpm	15 gpm	20 gpm	22 gpm	28 gpm	28 gpm	28 gpm	28 gpm
Phoenix	60 gpm	110 gpm	150 gpm	180 gpm	250 gpm	250 gpm	250 gpm	250 gpm
EZ700 (per pod)	70 gpm	128 gpm	175 gpm	225 gpm	300 gpm	300 gpm	300 gpm	300 gpm
EZ900 (per pod)	90 gpm	165 gpm	225 gpm	290 gpm	300 gpm	300 gpm	300 gpm	300 gpm

NOTES:

1. **The design flowrate is a GUIDELINE based upon a clean differential pressure of 2.5 psi or less.** The solids loading in the feed stream can also impact the design flowrate. **MAXIMUM flowrates are documented in the Product Specification Sheets.**
2. Based on "663" Spring Filter elements.
3. The solids loading, physical characteristics, material and density of the particles impact system sizing / design flowrate. 500 ppm is typical maximum loading for ZGF EZ Clean filtration systems utilizing the proprietary ZGF Spring Filter elements.

Product	Flowrate (GPM)	Material of Construction	ASME Section VIII	ZGF Control System	Operating Pressure (PSI)	Operating Temperature
Phoenix	40 – 250	<ul style="list-style-type: none"> • 304 stainless steel (std) • 316 stainless steel • Super Duplex 	No	LOGO! logic module Printed Circuit Board	45 – 120	Pneumatic 170°F / 76°C
						Electro-Pneumatic 160°F / 71°C
EZ900	> 250	<ul style="list-style-type: none"> • 304 stainless steel (std) • 316 stainless steel 	No	LOGO! logic module	45 – 150	190°F / 88°C
EZ700	> 200	<ul style="list-style-type: none"> • Carbon Steel 	Yes	LOGO! logic module	45 – 192	190°F / 88°C
EZ700S	> 200	<ul style="list-style-type: none"> • 304 stainless steel (std) • 316 stainless steel • Super Duplex 	No	LOGO! logic module	45 – 120	190°F / 88°C
EZ100	1 – 100	<ul style="list-style-type: none"> • 304 stainless steel (std) • 316 stainless steel 	Yes	Printed Circuit Board	45 – 192	190°F / 88°C