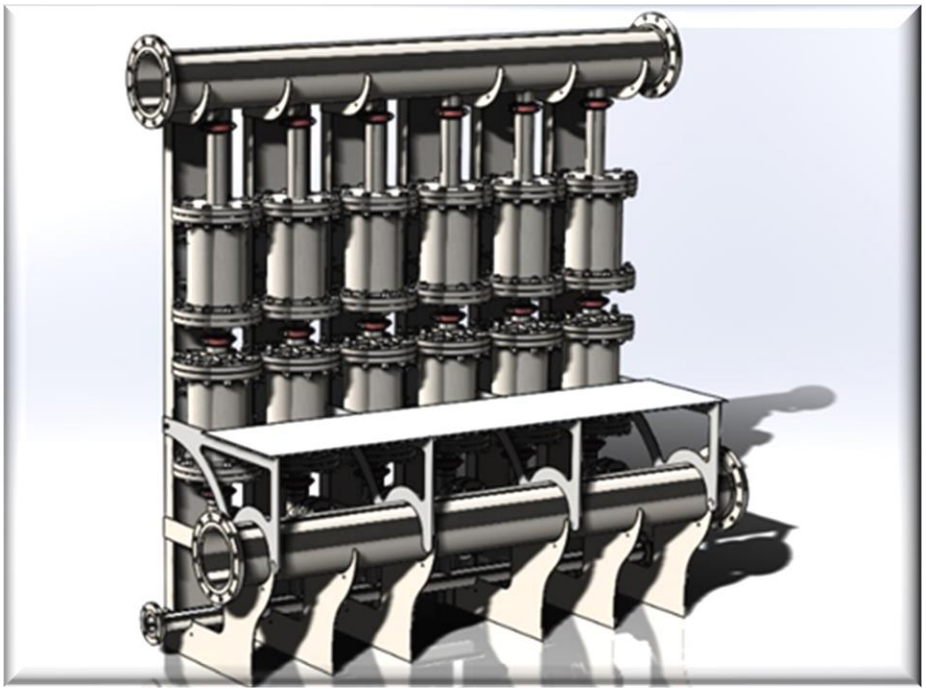
# ZGF EZ MAG Dual Patented Technology Product Data Sheet

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

ZERO GRAVITY FILTERS

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



Some processes require both magnetic separation and a barrier filter. Your process stream may contain both magnetic and non-magnetic material, such as steel and aluminum.

**The EZ MAG combines the capabilities of Maggie MG2600 and EZ Clean EZ900** into a single system with one set of valves, one set of controls, and the footprint of a single system.

**The EZ MAG is the only permanent media, in-line filter that combines magnetic and barrier filtration in a single system.**

Reduce system complexity and floor space requirements and save money. The EZ MAG is the ideal solution in steel mills, tube mills and paint pre-treatment systems.

## EZ MAG Design Overview

- The EZ MAG is designed for uninterrupted flow with 3 – 6 stations.
- Each EZ MAG vertical-stack station includes one Maggie MG2600 pod and one EZ Clean EZ900 pod.
- The EZ900 pod is upper pod, and the Maggie MG2600 pod is the lower pod.
- The Maggie MG2600 has a design flowrate of up to 250 gpm.
- The EZ Clean EZ900 pod is fitted with (9) ZGF Spring Filter elements. The maximum flowrate per pod is dependent upon the micron rating of the Spring Filter elements.
- Filter Mode: UP FLOW => Dirty fluid flows from the lower header up through the Maggie MG2600 pod and then through the EZ Clean EZ900 pod. The Maggie is the primary filter and the Spring Filter elements in the EZ900 pod capture and remove any non-ferrous contaminants that pass-through Maggie.
- Backwash / Purge Mode: DOWN FLOW => Clean, filtered fluid flows from the upper header down through the EZ900 pod and then through the Maggie MG2600 pod.

| EZ MAG | Precision Absolute Gap | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Design Flowrate per Pod | 20 µ | 35 µ | 50 µ | 75 µ | 100 µ | 150 µ | 200 µ | 400 µ |
| | 90 gpm | 165 gpm | 225 gpm | 250 gpm | 250 gpm | 250 gpm | 250 gpm | 250 gpm |