



# GO Guardian Filtration Kit – Water & Particulate Filtration with Indicators

Item code: GO-GUARDIAN

## Integrated Two-Stage Filtration Solution

This pre-configured GO Guardian Filtration Kit provides robust two-stage purification for fluid handling systems. Joined filter heads house high-performance elements, first for specialized water removal (e.g., 10-micron) and then for fine particulate capture (e.g., 6-micron). Suited for diesel, oils, and hydrocarbons, the kit includes mechanical and electrical indicators on each head for proactive maintenance, ensuring optimal fluid cleanliness, component protection, and enhanced system reliability.

## How it Works

The GO Guardian Kit employs a two-stage process: fluid initially passes through a water-absorbing element in the first joined head assembly. This de-watered fluid then flows to the second head, where a fine particulate filter removes solid contaminants. Indicators on each stage signal when their respective elements are saturated and require replacement, ensuring clean, dry fluid output.



Guard your fluid handling system  
against the entry of water and  
particulates.



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## Features

- Comprehensive Two-Stage Filtration: Dedicated water removal stage followed by a fine particulate filtration stage for optimal fluid purity.
- High-Efficiency Water Removal: Specialised absorbent media effectively removes free and emulsified water, protecting against corrosion and fluid degradation.
- Fine Particulate Capture: High-performance element captures solid contaminants, reducing wear and extending component life.
- Integrated Dual Indicators (Per Stage): Each filter head equipped with
  - Mechanical (visual pop-up) differential pressure indicator
  - Electrical output module for remote signaling of filter status (extra)
- Robust Joined Head Assembly: Pre-configured, series-flow design for easy integration into fluid handling systems.
- Durable Construction: Designed for demanding industrial environments.
- FKM Seals Standard: Ensures wide fluid and temperature compatibility, suitable for hydrocarbons, oils, and diesel fuels.
- Enhanced System Protection: Minimizes downtime and maintenance costs by maintaining fluid cleanliness.
- Promotes Timely Maintenance: Clear local and remote indication when filter elements require replacement.



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## Technical Specifications

|                               |  |
|-------------------------------|--|
| Filtration Stages             | 2 (Series Flow: Water Removal then Particulate)  |
| <b>Stage 1: Water Removal</b> | GO37-13-2-SMX10WS  |
| Element Type                  | Water Absorbing / Coalescing   |
| Nominal Rating                | Approx. 10µm (particulate), High water retention capacity  |
| Seal Material                 | FKM (Fluoroelastomer)  |
| <b>Stage 2: Particulate</b>   | GO37-13-2-SMX6   |
| Element Type                  | Particulate Filter   |
| Absolute Rating               | 6 µm   |
| Seal Material                 | FKM (Fluoroelastomer)  |
| <b>Filter Head Assembly</b>   | GO2214-047   |
| Number of Heads               | 2 (Joined in series)   |
| Material (Typical)            | Aluminium  |
| Max Operating Pressure        | Up to 24 bar (350 PSI)   |
| Port Connections (Typical)    | G 1 1/4" (DN32) BSP Female   |
| Element Thread                | 1"3/4 - 12 UN  |
| <b>General</b>                |  |
| Nominal Flow Rate             | Application dependent; Suitable for up to approx. 160-300 LPM (40-80 GPM) depending on fluid viscosity and pressure drop constraints (Consult specific performance curves) |
| Operating Temperature         | Approx. -20°C to +100°C (FKM seal limited, system dependent)   |
| Compatible Fluids             | Diesel fuels, hydraulic oils, lubrication oils, other hydrocarbons   |

Disclaimer: These specifications are based on combining typical component capabilities. Actual performance and availability of specific configurations should be confirmed with the GO Industrial technical team.



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