

# MAGNUS STACK



DON'T CHANGE YOUR FILTER, CHANGE YOUR STRATEGY.  
THE REUSABLE DESICCANT VENT FILTER, DESIGNED FOR  
SEVERE DUTY APPLICATIONS.

## SMART FLOW SYSTEM

Manufactured with a waterproof and pressure-wash resistant cover. It features the Smart-Flow system, a calibrated breather valve designed to open only when the differential pressure exceeds 0.1 bar, preventing contaminants from entering and ensuring controlled equipment ventilation.

## VERSATILITY

Wide range of cartridges: 500 g, 750 g, 1000 g, and 1200 g available for each reservoir size.

## BUILT FOR HIGH PERFORMANCE

Heavy-duty base equipped with the Smart-Flow system, designed to vent exhaust air directly to the atmosphere, safeguarding the desiccant against hydrocarbon vapors.

## SPECIALTY CARTRIDGES

Additional cartridges for high dust contamination and activated carbon cartridges for chemically aggressive environments.

## FLEXIBLE MODULAR SYSTEM

When the desiccant becomes saturated, cartridges can be easily replaced without the need for additional tools. Cobalt-free desiccant.

## HEAVY-DUTY STAINLESS STEEL CONNECTION

1" NPT male connector for enhanced mechanical strength and optimal sealing. Features an internal anti-capillary system.

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Magnus Stack adapts to your needs. Select the cartridge size that fits your application: 500, 750, 1000, or 1200 grams.

For extreme dust conditions, add the particulate filter.

For chemically contaminated environments, add the activated carbon cartridge.

The cap and base are heavy-duty and fully reusable. When the desiccant becomes saturated, simply replace the cartridge — no need to discard the entire assembly.



## SPECIFICATIONS

The **Magnus Stack series** consists of high-performance vent filters manufactured with silica gel featuring a surface area of up to 750 m<sup>2</sup>/g and a residual moisture content of 2%. Acid-inhibiting additives have been incorporated during manufacturing to further enhance oil protection.

All components of the Stack series are interconnectable without the need for additional rings or adapters.

The reusable cap is designed to prevent the ingress of rainwater and water from equipment washing, eliminating the need for protective covers or bags. Furthermore, its Smart-Flow system keeps the desiccant isolated as long as no vacuum exceeding 0.1 bar exists inside the reservoir; this prevents the silica from unnecessarily absorbing ambient humidity. Similarly, the base allows air to pass only toward the reservoir, diverting exhaust gases directly to the environment and preventing hydrocarbon vapors from passing through the desiccant.

Magnus Stack represents the evolution of preventive techniques for industrial oil contamination, ensuring clean and dry venting.