



Your project - Together we succeed

Ventilating filter for volume flows up to 2500 l/min

INITIAL SITUATION

The use of a ventilation filter is key to preventing over- or under-pressurization in tanks and significantly improving system performance. Our customer, a leading global provider of material handling solutions, has been using the ARGO-HYTOS L1.0807 series for many years.

Convinced by our performance in terms of low pressure drop and thus high reliability, they approached us with their new and demanding requirement regarding the nominal flow rate: 2,500 l/min, with consistent reliability. Since no existing product met these demands, we took on the challenge and developed a tailored solution.

SOLUTION

ARGO-HYTOS engineered a larger ventilating filter which can handle flows up to 2,500 l/min, the VFT-2500. The housing, made of glass-fiber reinforced polyamide, ensures high strength and proven durability. A major key to success was the replaceable filter element, which simplifies maintenance, reduces costs, and minimizes waste.

Additional features include a clogging indicator for optimal maintenance timing and a padlock option that prevents misuse and dirt ingress through the fill port.

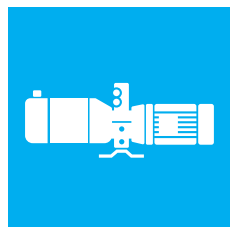
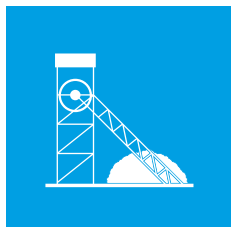
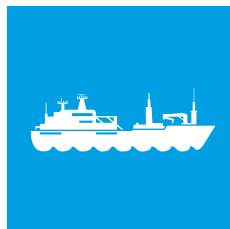
CUSTOMER BENEFITS

- Lower maintenance costs: The flow-optimized geometry reduces pressure drop by up to 50%, extending the service life.
- Increased efficiency: Continuous 2 µm filtration prevents dust ingress and ensures clean air exchange.
- Improved safety: The padlockable housing prevents misuse and contamination via the tank fill port
- Enhanced sustainability: The reusable housing reduces waste and supports a better ecological footprint



VFT-2500

APPLICATIONS



Curious?

Do you have a similar challenge for us?
Contact our expert.



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