

SMALL FILTER

FILTO



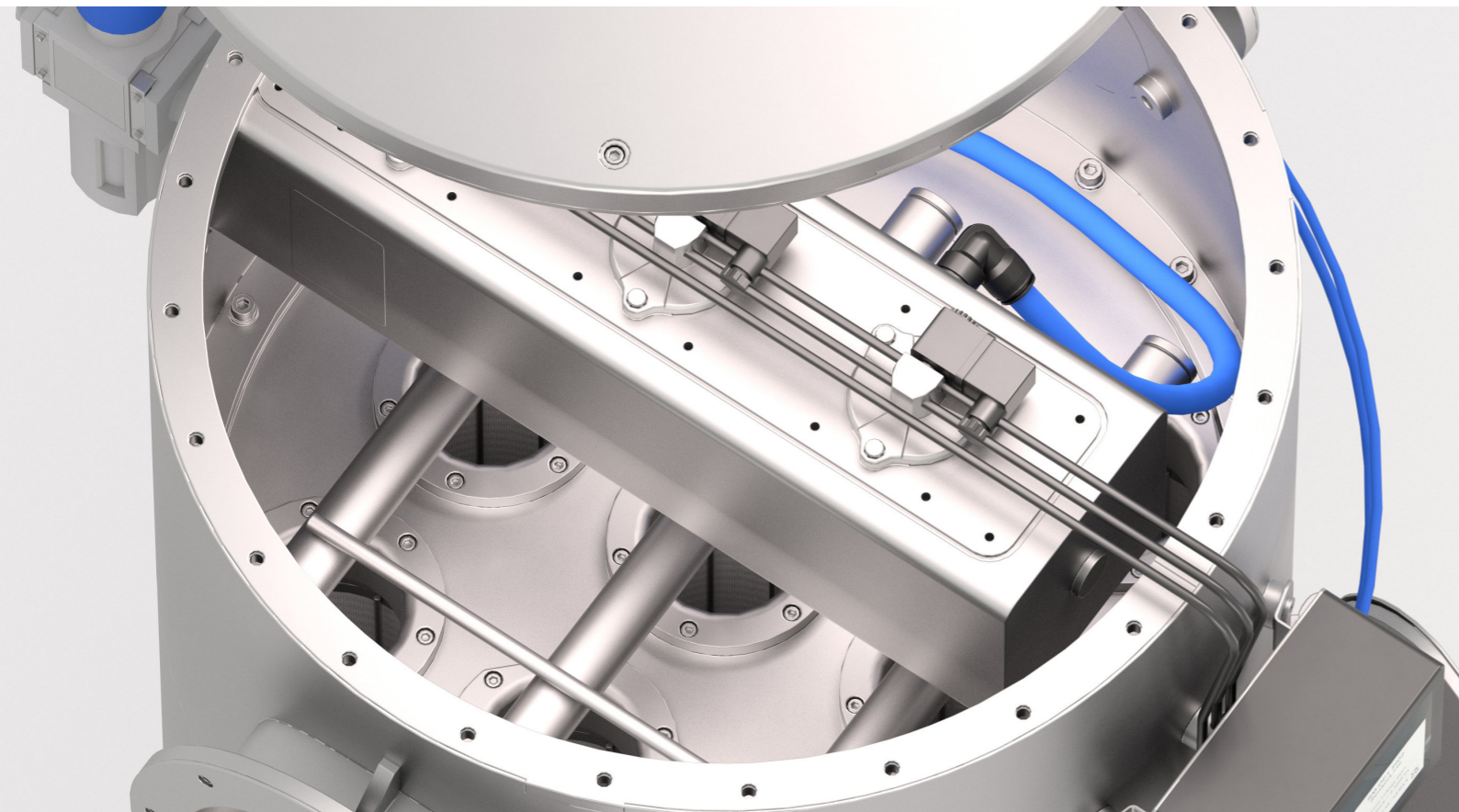
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SMALL DETAILS – BIG IMPACT

SWISCA's high-pressure small filter, FILTO, is ideal for removing dust in industrial applications. It can be used as a top-mounted filter on silos or containers, as an aspiration filter for clean airflow in dust collection and conveying systems or as a total separator directly integrated into pneumatic lines. In all three applications, the dust laden air is drawn through the filter sleeves and thus effectively cleaned. The automatic clean-off is carried out using compressed air. Made of stainless steel, FILTO ensures durability and hygiene. Its large access door, quick-release locks, and bayonet-connected filter elements provide easy maintenance and high availability.



FILTO features a robust construction with 2 mm thick stainless steel and reinforced interfaces, ensuring reliable operation within a pressure range of ± 0.6 bar. This makes it ideal for demanding applications, such as vacuum conveying in food production. Its compact design and incrementally rotatable air inlet, adjustable in 15° steps, offer unmatched flexibility for simple and adaptable installation. The solenoid valves and purge air tank, housed within the filter head, are shielded from dust, supporting reliable and safe operation. Built from stainless steel and coating-free materials, FILTO guarantees exceptional durability and hygiene. Modern compressed air components and the series cleaning function ensure energy-efficient operation.

Benefits

- + Fast, tool-free maintenance
- + Compact, hygienic design
- + Wide range of applications
- + ATEX zone 22 compliant



NEW: Compact bin-top filters with 1 or 3 elements now complement the existing FILTO series (6–15). Specifically designed for smaller air volumes, they offer a streamlined, cost-effective filtration solution.

The 1-element version features a unique design utilizing tensioning rings for both housing access and module interfaces. By focusing on these essentials, it ensures an excellent price-performance ratio.



The interior is easily accessible through a spacious maintenance door with quick-release locks. The filter baskets can be quickly mounted and removed using the bayonet connection on the mounting flange.

Maintenance and cleaning are entirely tool-free, enhancing efficiency while ensuring optimal safety and hygiene in food processing.



FILTO can either be integrated into the existing plant control system or operated independently with an integrated filter controller.

Internal control: Time- or cycle-controlled. Optional with differential pressure measurement. Robust housing according to IP-66 / NEMA 4 standards.

External control: Differential pressure measurement with transmitter for centralized monitoring and management from the control room.

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FILTO is available in four diameters from 200 to 750 mm. Depending on the requirements, it can be configured with 1 to 15 filter elements, with lengths ranging from 500 to 2400 mm. This flexibility allows for precise scaling to different air volumes, ensuring consistently reliable filtration.

Type	Diameter mm	Filter Elements	Filter Length mm	Overall Height mm	Filter Area m ²	Max. Air Volume m ³ /min
1/5	200	1	500	831	0.19	0.93
1/8	200	1	800	1311	0.3	1.5
1/12	200	1	1200	1531	0.45	2.33
3/5	350	3	500	981	0.57	2.8
3/8	350	3	800	1281	0.9	4.5
3/12	350	3	1200	1681	1.35	7
6 / 8	600	6	800	1311	1.5	9
6 / 12	600	6	1200	1711	2.7	13.5
6 / 18	600	6	1800	2311	4.1	20.5
9 / 8	600	9	800	1311	2.7	13.5
9 / 12	600	9	1200	1711	4.1	20.5
9 / 18	600	9	1800	2311	6.1	30.5
12 / 8	750	12	800	1311	3.6	18
12 / 12	750	12	1200	1711	5.4	27
12 / 18	750	12	1800	2311	8.1	40.5
12 / 24	750	12	2400	2911	10.8	54
15 / 8	750	15	800	1311	4.5	22.5
15 / 12	750	15	1200	1711	6.8	34
15 / 18	750	15	1800	2311	10.2	51
15 / 24	750	15	2400	2911	13.6	68

* with standard filter sleeves. Alternative filter sleeves for larger surfaces or specialized applications are available upon request.



Convex lid

Integrated solenoid valves and purge air tank

Air outlet DN200

Custom placement of controller and pressure valve

Filter controller or integration into plant control

Door with quick-release locks

Robust stainless steel construction

Bayonet connection

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In addition to its use as a top-mounted filter, FILTO can also be configured as an aspiration filter or a total separator. The auxiliary components are compatible with most common airlock types, and custom flange solutions can be provided for specific needs. A container on wheels is available to simplify the manual dust disposal process. Adjustable supports and suspensions ensure flexible installation for various setups.

Type	Diameter mm	Overall height mm	Connection / airlock dims	Option Hammer	Option Level probe	Option Sight glass
Air inlet 6/9 filter	600	270	DN200			
Air inlet 12/15 filter	750	330	DN250			
Aspiration cone 6/9	600	670	25/15	X	X	X
	600	600	DN150, DN200	X	X	X
Aspiration cone 12/15	750	730	25/23	X	X	X
	750	670	DN200, DN250	X	X	X
Total separator 6/9	750	200	DN104 (pneumatics)			
Total separator 12/15	1070	200	DN154 (pneumatics)			
Total separator cone 6/9	750	730	25/23	X	X	X
	750	670	DN200, DN250	X	X	X
Total separator cone 12/15	1070	1050	DN250	X	X	X
	1070	930	DN350	X	X	X
Cone for container	600					
Container	410	780			X*	X*

* always included in the scope of delivery



Level probe

PN hammer

Sight glass