



Top-Mounted Air Filter

Air filter for TITANUS *REX*® aspirating smoke detectors

Technology

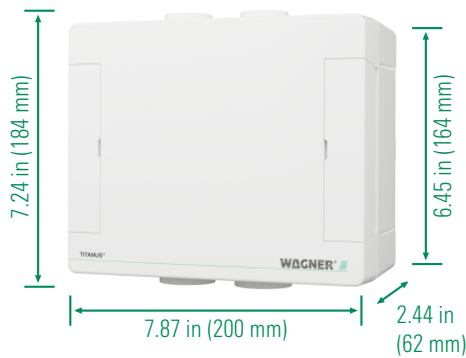
The innovative TX-LF top-mounted air filter for TITANUS *REX*® aspirating smoke detectors is the perfect addition to your fire detection system. With a variety of filter elements available, you can achieve the ideal filtration performance for any application.

It is particularly easy to install, as it can be simply snapped onto a TITANUS *REX*® – no drilling required. This not only saves time and money during installation – it also eliminates the need for numerous small pipes. However, fixed screw mounting to the wall is still possible.

The filter mats can also be replaced quickly and easily without using screws.

Features

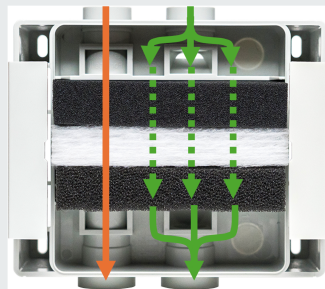
- Plug and Play: simply plug in; drilling is optional
- Easy to use thanks to a space-saving design
- Filter mat replacement without screws
- More elegant and compact overall design
- Depending on the orientation of the TITANUS *REX*®, the filter can be mounted on its top or bottom
- Less piping required, resulting in lower installation costs
- Suitable for 25 mm and ¾" pipes thanks to innovative push-fit connections



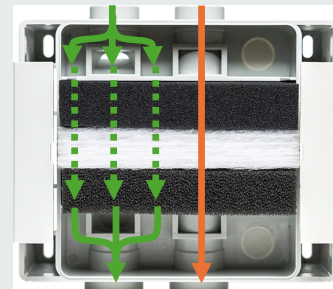
The different variants of the top-mounted air filter differ in terms of the filter elements and the channel in which the filter is located. The other channel allows air to pass through without being filtered.

TX-LFx-1-W variants have the filter in Channel 1
(on the right when viewed from the front, with piping facing upward).

TX-LFx-2-W variants have the filter in Channel 2
(on the left when viewed from the front, with piping facing upward).



Filter effect Channel 1



Filter effect Channel 2

Top-mounted air filter (type)	TX-LF0-1-W	TX-LF1-1-W	TX-LF2-1-W
	TX-LF0-2-W	TX-LF1-2-W	TX-LF2-2-W
Filter elements (order in the direction of air flow)	coarse, medium, fine	fine, fine, fine	medium, ultra-fine, coarse
Min. particle size for filtration (approx.)	0.59 mil (15 µm)	0.39 mil (10 µm)	0.196 mil (5 µm)
Main area of application	standard applications	standard applications	applications involving fine dust
Types of particles	dust particles such as insects, fibers, hair, and pollen	dust particles such as insects, fibers, hair, and pollen, as well as color pigments and finer dust	fine dust
Dimensions of pipe connections	D _A = 0.75 in (25 mm)		
Operating temperature	−25.6 ... +140 °F (−32 ... +60 °C)		
Housing material	plastics (ABS)		
Housing color	papyrus white (RAL 9018)		
IP protection class	IP 54		
Weight	1.54 lbs (700 g)		
Permissible relative humidity	10 ... 95% RH		
Installation	can be attached to a TITANUS <i>REX</i> ® without screws; wall mounting is possible		
Approvals			
UL 268, 8 th edition, VdS (G 225018), CE, EN 54-20, ISO 7240-20. Additional approvals and certifications upon request or at www.wagnergroup.com			
Spare parts			
Filter elements	TX-LF0-E	TX-LF1-E	TX-LF2-E