

ULTRATUB COMPACT FILTER



Compact Filter for Dust Collector Systems



ULTRATUB Compact Filter are made from filter tubes which can be placed individually or lined up in special rails.

The tube shape provides the best possible dust collection performance.

Due to the cylindrical form the tubes will have a very good dust release characteristic and a very low pressure drop.

Considerably low emission rates of less than $1,0\text{mg}/\text{Nm}^3$ over a long life time can be achieved.

The pressure drop will be extremely low even at a very high air-to-cloth-ratios.

The following filter medias are available:

- Ultrasonic welded needle felt bags made from Polyester-, DRALON-, RYTON-, NOMEX-, or P84 with support cages made from plastic, galvanized or stainless steel.
- Selfsupporting spiro-tubes made from rigid polyester nonwoven with laminated FIBRILON-Membrane.
- Selfsupporting tubes made in a sinter process with PTFE coating.



ULTRATUB Compact Filter can be applied in a wide range of different applications, like laser- and plasma cutting, metallisation, process dedusting, etc. Even temperatures up to 180°C (356°F) are possible.

ULTRATUB filter tubes with 45mm diameter offer a very good free area relation between dust air side and clean air side. Thus creating a well balanced aerodynamic system which will optimize both the filtration and the cleaning process.

ULTRATUB Compact Filter are available for installation from the clean air side as well as from the dust air side.

If a single tube is damaged, only the damaged one needs to be replaced but not the complete element.



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ULTRATUB Compact Filter, model AKF are compact elements for the use in new installations as well as replacements for existing installations with such kind of filter elements.

ULTRATUB Compact Filter are ready to install and will fit in many existing systems.

If required, only the individual tubes need to be replaced.

This will reduce the replacement cost and the disposal volume to be handled.

ULTRATUB Compact Filter are available with various filter medias and components.

Almost any kind of application can be handled by just one filters system.

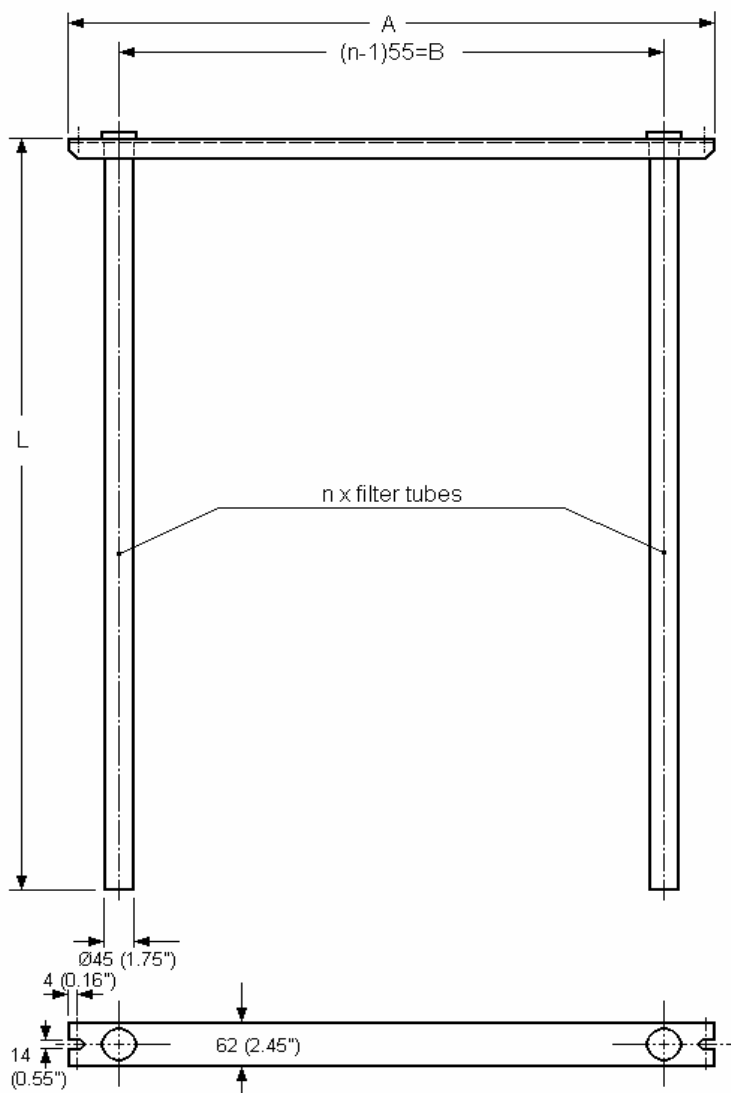
ULTRATUB Compact Filter will be suitable for your filter concept.

Contact us to talk about your special application.

ULTRATUB Compact Filter will enable you to make another innovative step into a much cleaner future.

There are three different versions available.

Special designs are possible.



Model AKF	A in mm in	B in mm in	Number of filter tubes	Filter area at different length				
				450mm 18"	900mm 36"	1200mm 48"	1500mm 60"	1800mm 72"
xxxx/05	330 (13")	220 (9")	5	0.32m ² 3.4ft ²	0.64m ² 6.8ft ²	0.85m ² 9.1ft ²	1.06m ² 11.4ft ²	1.28m ² 13.6ft ²
xxxx/08	495 (19")	385 (15")	8	0.51m ² 5.5ft ²	1.02m ² 11ft ²	1.36m ² 14.6ft ²	1.70m ² 18.3ft ²	2.04m ² 22ft ²
xxxx/12	715 (28")	605 24"	12	0.76m ² 8.2ft ²	1.53m ² 16.5ft ²	2.03m ² 21.8ft ²	2.54m ² 27.3ft ²	3.06m ² 32.9ft ²
xxxx/18	1045 (41")	935 (37")	18	1.14m ² 12.3ft ²	2.29m ² 24.6ft ²	3.05m ² 32.8ft ²	3.82m ² 41ft ²	4.58m ² 49.2ft ²