

SULT Cartridge Filter FLC - 500 to 10.800 m³/h ❖

❖ Integrated sound absorption

Clearly reduced sound level

❖ Integrated pre-separation cyclone

Optimizes the filter performance and extends the service life of the cartridges



❖ High-efficiency fans

High efficiency and maximum performance at best economic efficiency

❖ Filter control and electric system according VDE standard

Effective, process controlled filter cartridge dedusting ensures long service life of the cartridges

❖ Patented inlet nozzles

For optimal air flow

❖ Dust collector

Easy operation; other dust extraction is also optionally possible

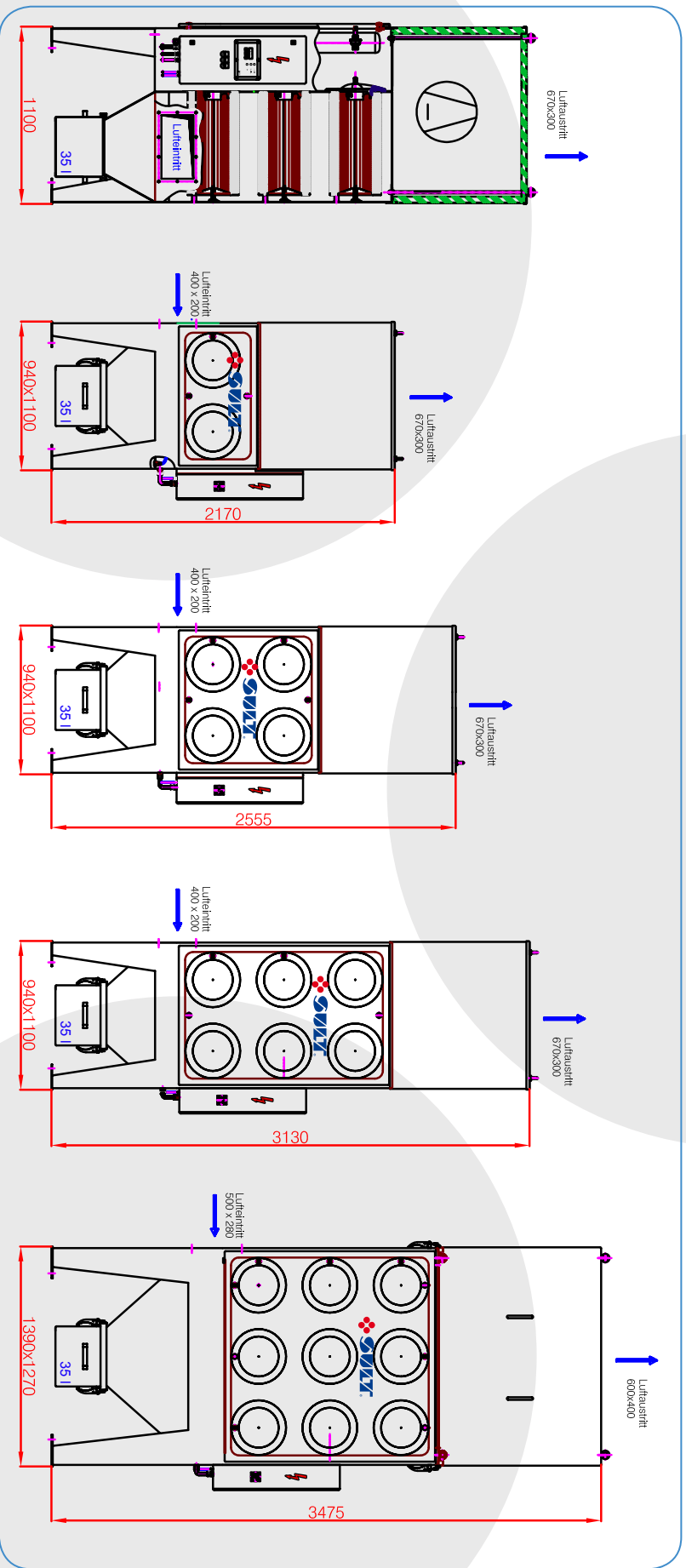
The small, compact filter, ready for connection with high performance ❖

- Innovative filter system for effective dedusting
- Optimum air cleaning
- Filtration of 99.97% at 0.3 µm particle size, thus clearly better than BIA dust class „M“
- Integrated pre-separator
- Contamination-free cartridge replacement
- Selection of various filter media (e.g. cellulose, polyester, PTFE, antistatic media)
- Best price-performance ratio on the market

Optional:

- Filtration of 99.999% at 0.5 µm particle size
- Post-filtration using HEPA filters (H 13 or H 14)

- Filter design according to ATEX (any zone)
- Stainless steel design
- Elevation of filter for BigBag
- Remote control of filter
- Measurement of residual dust and different alarm functions
- Customized dust discharge e.g. drum connection, rotary air-lock, shuttle valve, slit valve, conveyor worm, BigBag
- Graded spark quenching concept
- Further pre-separation through cyclones, oil, impact, wet separators
- Output control of the fan via dP measurement
- Remote evaluation of the filter state



FLC Type	1 - 2	2 - 4	3 - 6	3 - 9
Number of cartridges	2	4	6	9
Filter surface	21/13 m ²	84 / 52	126 / 78	189 / 117
Quantity of air ¹⁾	m ³ /h	500 - 2.000	1.000 - 4.000	3.800 - 10.800
Differential pressure	Pa	2.000 - 5.000	2.400 - 4.750	3.100 - 6.100
EI. output of the fan	kW	2,2 / 3 / 4	3 / 4 / 5,5 / 7,5	5,5 / 7,5 / 11 / 15
				3.800 - 7.600
				11 / 15 / 18,5 / 22

¹⁾ Depending on the fan in use

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