

SULT Cartridge Filter FLMD/FLGD - 2.500 to 20.000 m³/h ❖

❖ Modular system

For optimal adjustment to your individual needs, upgrades and/or performance expansion possible

❖ Patented inlet nozzles

For optimal air flow

❖ Intelligent filter control

For effective filter cartridge dedusting, process controlled and programmable



❖ Cartridge support

Patented closure for easy, fast and contamination-free cartridge replacement

❖ Integrated pre-separation cyclone

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

❖ Shuttle valve

Patented airflow system for cartridge protection

❖ Dust collector

Patented single-lever clamping mechanism for easy operation; other dust extraction is also optionally possible

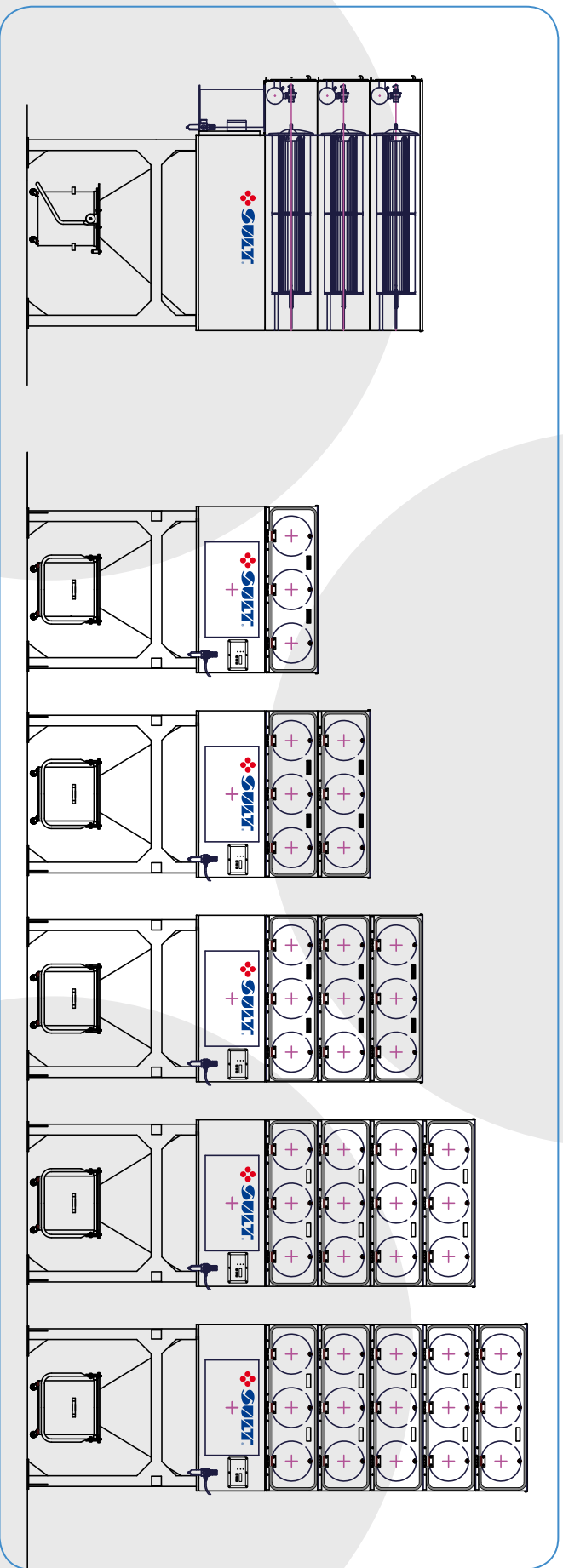
Modular design and performance at best economic efficiency ❖

- 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



Type	FLMD	FLGD	FLGD	FLGD	FLMD
Number of cartridges	1 - 6	1 - 8 K	1 - 8	1 - 8	2 - 12
Filter surface	21/13 m ²	168 / 104	212 / 128	252 / 156	252 / 156
Quantity of air ¹⁾	m ³ /h	4.000 - 7.000	5.000 - 9.000	5.000 - 11.000	

Type	FLGD	FLMD	FLGD	FLMD
Number of cartridges	2 - 16 K	3 - 18	2 - 16	4 - 24
Filter surface	21/13 m ²	378 / 234	424 / 256	504 / 312
Quantity of air ¹⁾	m ³ /h	7.500 - 16.000	14.000 - 17.000	16.000 - 20.000

¹⁾ Depending on the fan in use

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