

SULT Cartridge Filter FLMD/FLGD - 16.000 to 50.000 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

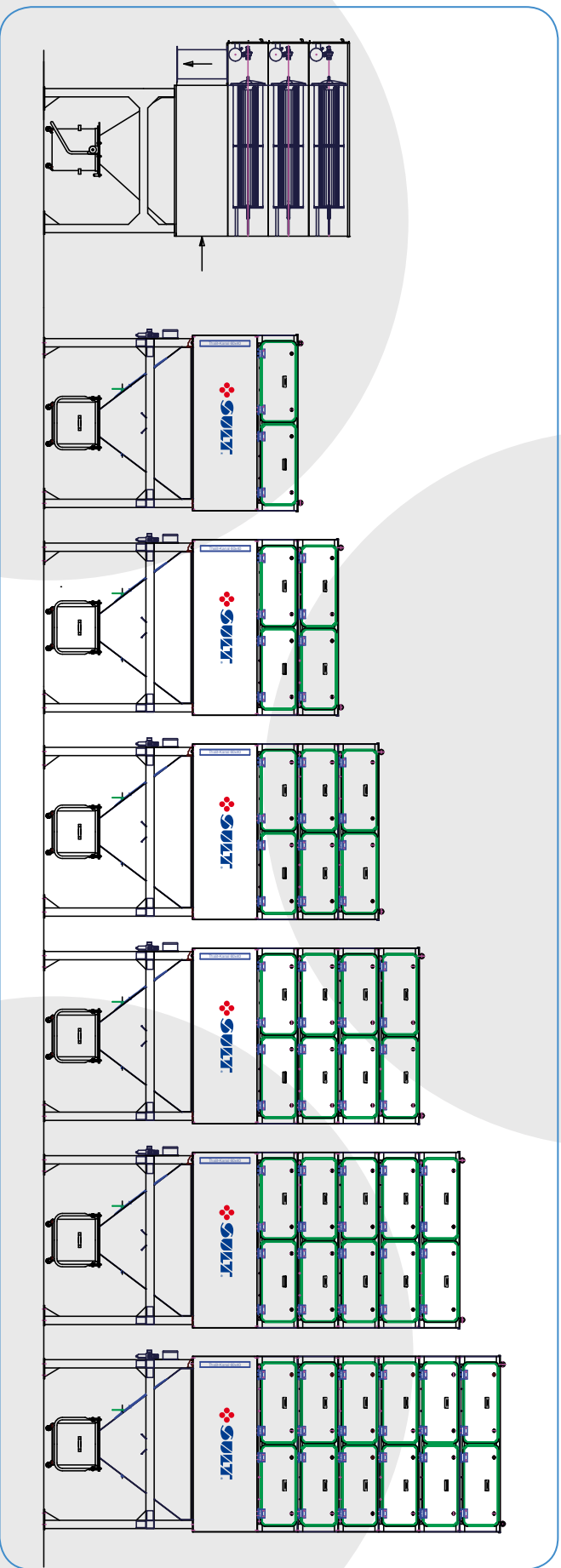
Modular design and performance at best economic efficiency ❖

- 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	FLGD	FLGD	FLMD	FLGD
Number of cartridges	3 - 24 K	3 - 24	5 - 30	4 - 32 K
Filter surface	21/13 m ²	636 / 384	630 / 390	672 / 416
Quantity of air ¹⁾	m ³ /h	16.000 - 20.000	18.000 - 24.000	19.000 - 25.000
				20.000 - 26.000

Type	FLGD	FLGD	FLGD
Number of cartridges	4 - 32	5 - 40	6 - 48
Filter surface	21/13 m ²	848 / 512	1.060 / 640
Quantity of air ¹⁾	m ³ /h	24.000 - 33.000	30.000 - 40.000
			38.000 - 50.000

¹⁾ Depending on the fan in use

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