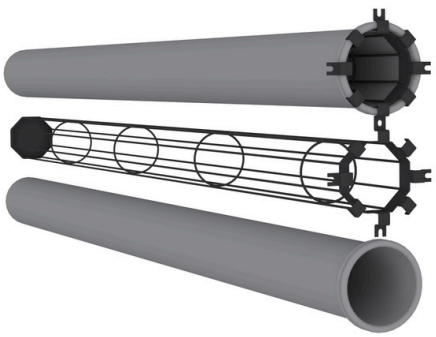
Unload-f™

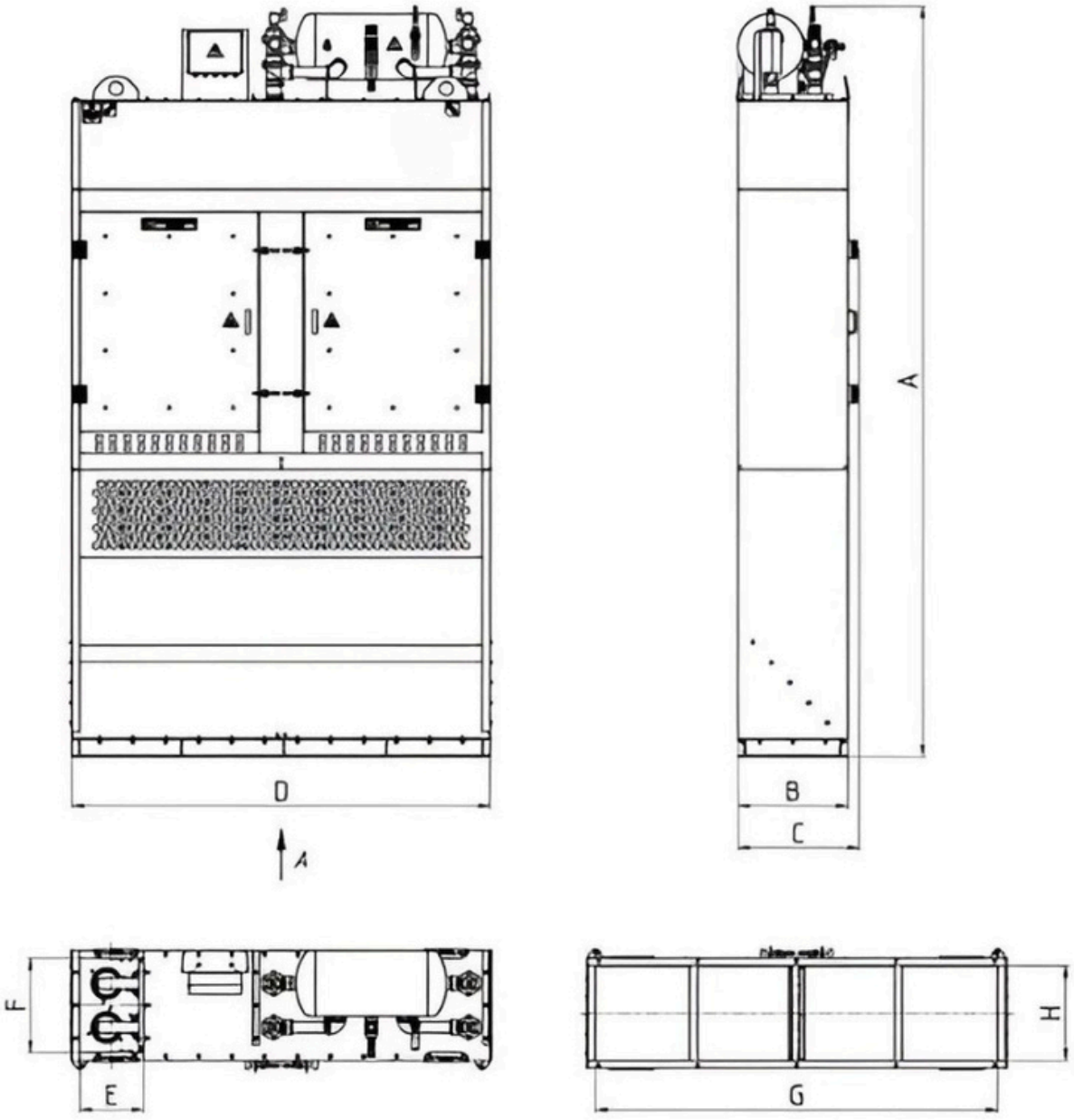


- Dust-laden air generated in the receiving hopper during production first enters a specially designed dust-laden air chamber.
- In this chamber, an important process occurs where dust settles on the filter elements, which act as barriers and effectively trap even the finest dust particles.
- Thanks to these elements, the air becomes significantly cleaner.

- The cleaned air then moves into another chamber designed for clean air.
- In this chamber, the air is further purified and, with the help of an exhaust fan, is released outside into the atmosphere, ensuring a safe and environmentally friendly environment.

- The dust that accumulates on the filter elements does not remain there permanently.
- To maintain the efficient operation of the filtration system, a regeneration (self-cleaning) system is used.
- This system automatically removes the collected dust from the filters and returns it back to the production process.
- Thus, all the trapped dust is reused, which not only reduces the cost of new raw materials but also helps preserve the environment.
- The regeneration system ensures continuous and efficient operation of the filtration system, guaranteeing the stability and reliability of the entire production process.

Dust-laden air from the receiving hopper is directed into chamber, where dust is captured on filter elements. Purified air is then released into the atmosphere, facilitated by an exhaust fan. Our self-cleaning regeneration system ensures sustained efficiency by returning accumulated dust to the product.



Model of the filter	Performance, m3/h	Filter area, m2	A	B	C	D	E	F	G	H	Weight without rotor, kg
Unload-f-20.20	4500-5500	18	3415	500	555	1900	290	430	1830	430	500
Unload-f-20.25	5500-7500	22	3915				350				550
Unload-f-20.20 + Unload-f-20.20	10000	36	3415	500	555	3800	290	430	1830	430	1000
Unload-f-20.25 + Unload-f-20.25	12500	44	3915				350				1100