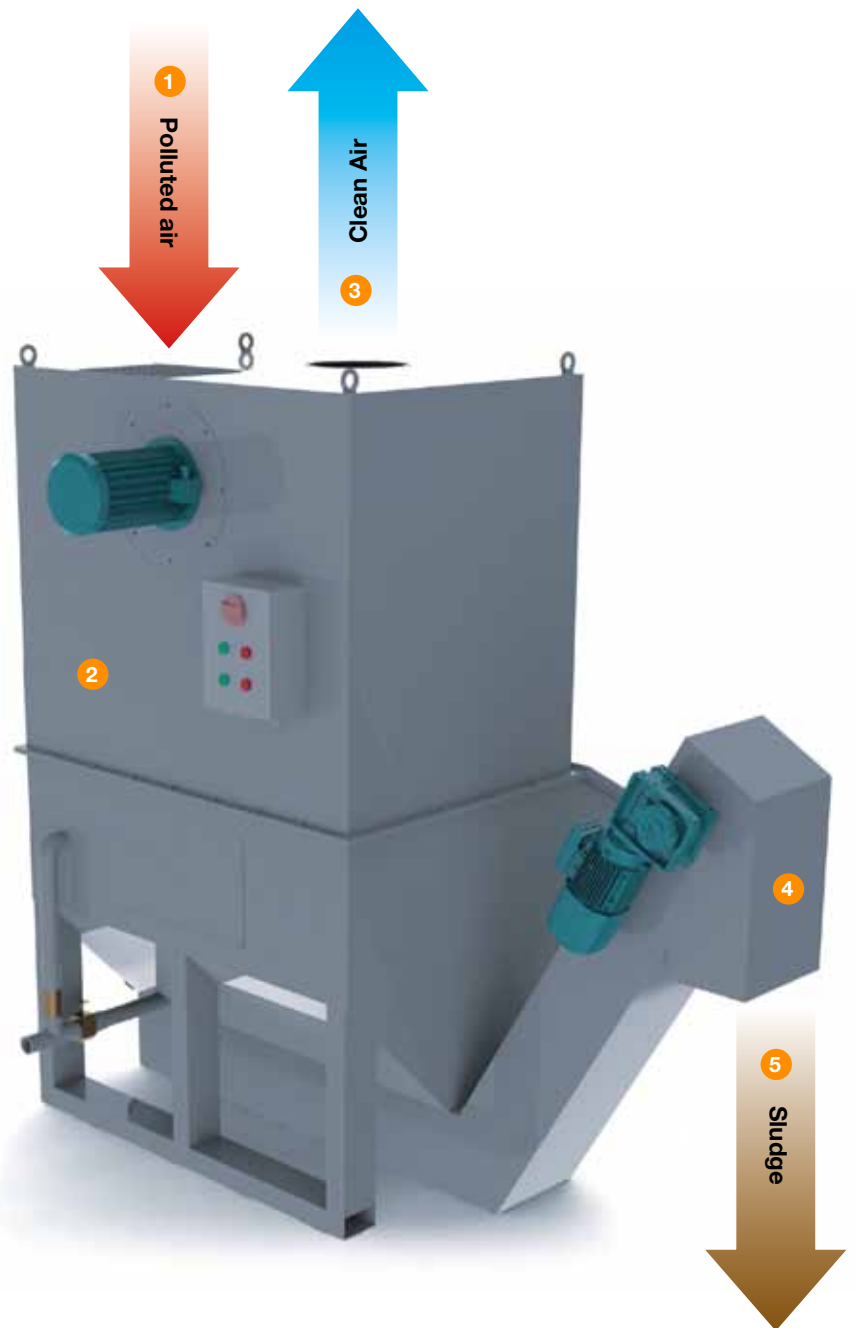


Sludge Dredge Idrodust Compact®

- 1 Polluted air inlet
- 2 Idrodust Compact
- 3 Air outlet
- 4 Sludge removal
- 5 Sludge discharge



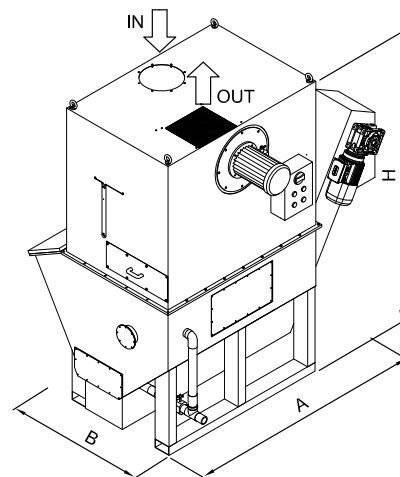
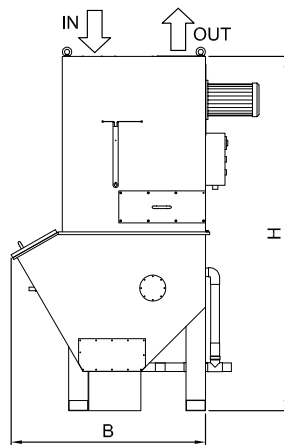
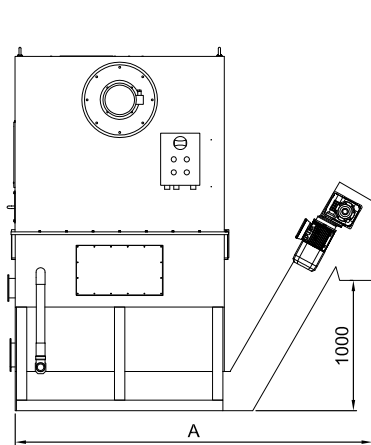
Operation

The Idrodust equipped with Sludge Dredge is a hydrodynamic filter for dust, vapours and gases which exploits the effect of micro mixing of gas to be treated with water.

The operation, similar to the Idrodust Compact® one, only differs in the way sludge is discharged from the sedimentation tank.

The dust/sludge that settles to the bottom of the tank is collected by scrapers and mechanically conveyed to the outlet for disposal. The sludge dredge avoids downtime required for sludge removal, thus greatly reducing general management costs.

The Sludge Dredge Idrodust Compact® range



CODE	Airflow m ³ /h	H tot. mm H ₂ O	Power kW	A mm	B mm	H mm	Inlet Flange Ø mm	Ø Flange hole Ø mm	No. of holes M8
ID103/V-D	2500 ÷ 3500	200 ÷ 180	4	2000	1550	2750	250	280	6
ID105/V-D	4000 ÷ 6000	230 ÷ 190	5,5	2400	1550	2750	300	330	6
ID108/V-D	7000 ÷ 8500	240 ÷ 200	7,5	2800	1550	2750	350	380	8
ID110/V-D	9000 ÷ 12000	300 ÷ 250	11	3200	1550	2750	400	430	8

Benefits



- Simple maintenance
- Multiple inspection accesses to the filter
- Absence of recycling pumps and nozzles
- No risk of fire due to the presence of water
- Very low installation, operation and maintenance costs

