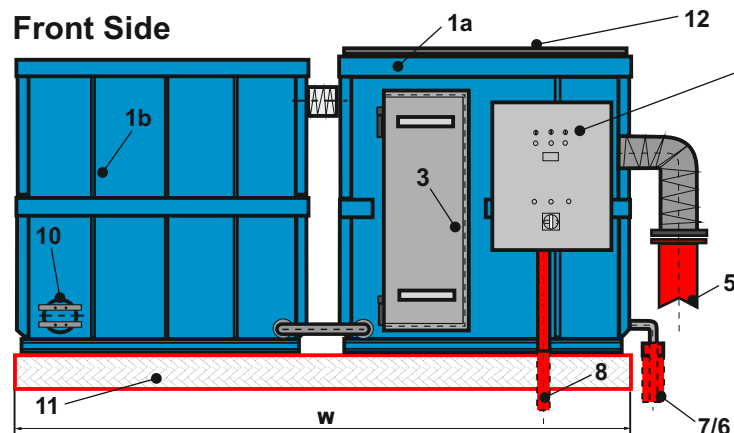
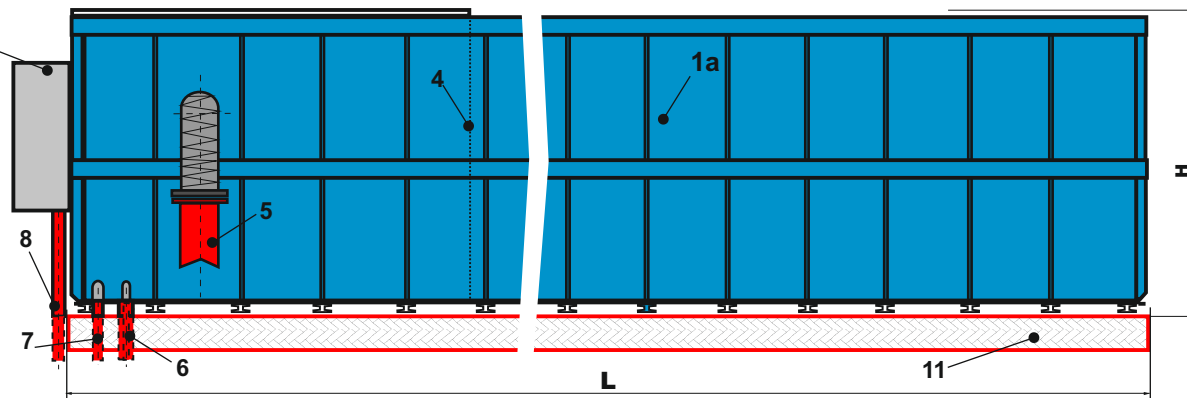


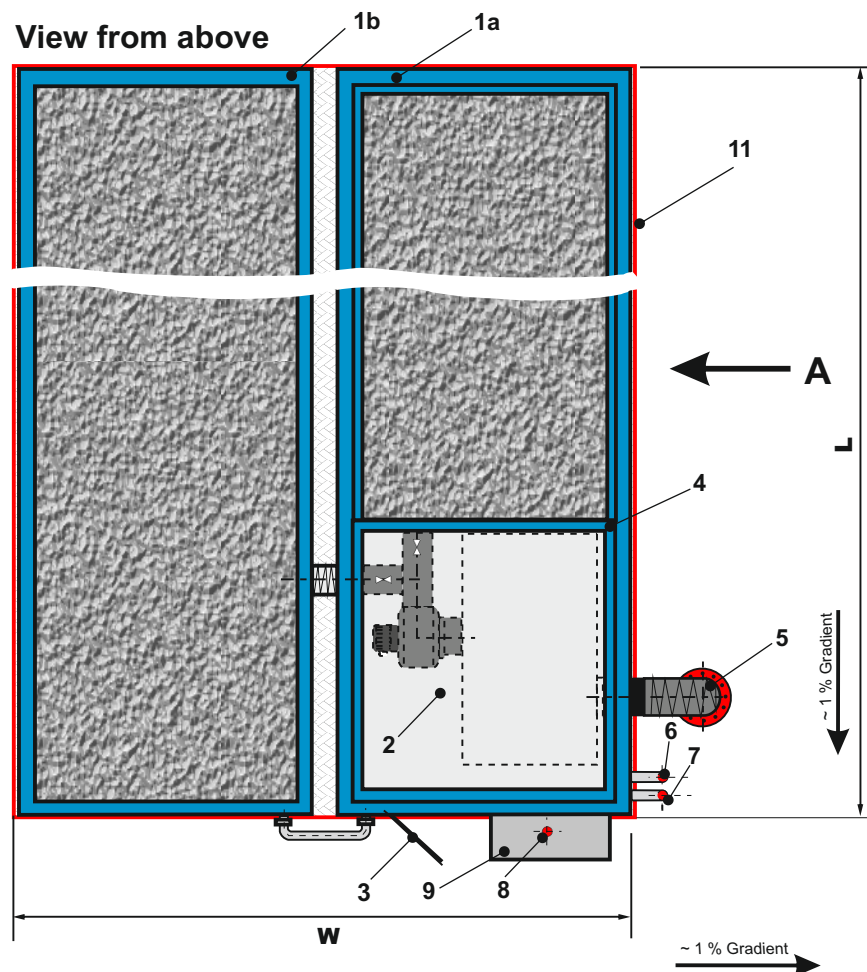
Front Side



View from A



View from above



Modular Container Biofilter System with integrated cross-flow scrubber

Application: Wastewater Treatment Facilities, Landfills, Composting Facilities, Food Industry, Chemical Industry, etc.

Our Modular Container Biofilter Systems consist of one to four double walled filtercontainers to treat airflow rates in a range of 300 cfm to 7,000 cfm. The outer wall is made of steel with a treated and painted outer surface. The inner surfaces are coated with 3 mm heavy-duty polyethylene. A cross-flow scrubber can be integrated into the first container. MCBF-5,000 (for airflow rates of 3,000 cfm [5,000 m³/h]) consists of two filtercontainers. In case of a decrease in the airflow rate, each container can be run separately to reduce operating costs.

The MCBF-Series is solidly constructed and operates automatically with practically no need for maintenance.

Surfaces in contact with contaminating media: **PE, PP, PVC, stainless steel**

Filter Material: **Biotech bpc-BT50/100**

Key

- 12 stainless steel cover over technical cabinet
- 11 concrete plate
- 10 inspection cover
- 9 electric panel
- 8 power supply
- 7 drain line
- 6 well water supply
- 5 waste air inlet
- 4 separation wall
- 3 door to technical cabinet
- 2 technical cabinet with scrubber and ventilator
- 1 filter module(s)

Technical Data and Measurements

Type	ΣWaste Air Stream [m³]	L [m]	W [m]	H [m]	Modules [number]	ca.Weight [t]	Power* [kW]
MCBF- 500	500	4,00	2,20	1,70	1	4,5	0,8
MCBF- 1.000	1.000	6,00	2,20	1,70	1	9	1,2
MCBF- 1.500	1.500	7,00	2,20	2,40	1	11	1,5
MCBF- 2.000	2.000	8,00	2,20	2,40	1	15	1,8
MCBF- 3.500	2.500 - 4.000	13,00	2,20	2,40	1	17	2,5
MCBF- 5.000	4.000 - 6.000	11,00	4,80	2,40	2	37	4,3
MCBF- 7.500	6.500 - 9.000	12,00	4,80	2,40	2	48	6,5
MCBF-10.000	10.000 - 12.000	12,00	8,00	2,40	3	72	8,8

* does not include heating

All MCBF-Systems conform to the German Engineering Standard for Biofilters VDI-3477

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