

CONTAINER II CONTAINER I

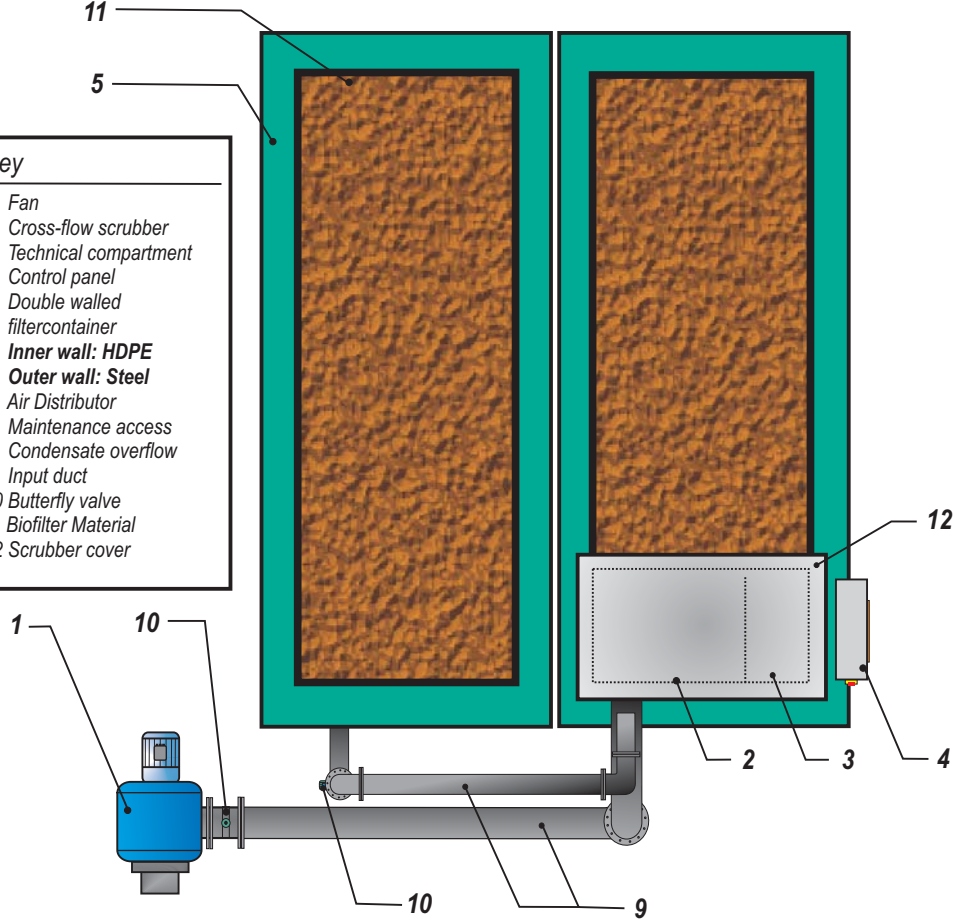
**Modular Container Biofilter System
with integrated cross-flow scrubber**

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

Our Modular Container Biofilter Systems consist of one or more double walled filtercontainers complete with Bioteg's bpc-100 Biofilter Media, an irrigation system, a scrubber with heater, a fan and a control panel. They are designed to treat airflow rates of 300 to 15,000 cfm. The outer wall of each container is made of steel with a treated and painted outer surface. The inner surfaces are coated with 3 mm heavy-duty polyethylene to avoid corrosion. A cross-low scrubber can be integrated into the first container. As an option we provide containers with a Technical compartment that houses not only the scrubber, but also, the heater, the fan and all the controls. The MCBF-Series is solidly constructed and is designed to operate automatically with practically no need for maintenance.

Surfaces in contact with contaminating media: **PE, PP, PVC, stainless steel**
Filter Material: **Bioteg bpc-BT100** June 2000

- Key**
- 1 Fan
 - 2 Cross-flow scrubber
 - 3 Technical compartment
 - 4 Control panel
 - 5 Double walled filtercontainer
 - Inner wall: HDPE
 - Outer wall: Steel
 - 6 Air Distributor
 - 7 Maintenance access
 - 8 Condensate overflow
 - 9 Input duct
 - 10 Butterfly valve
 - 11 Biofilter Material
 - 12 Scrubber cover

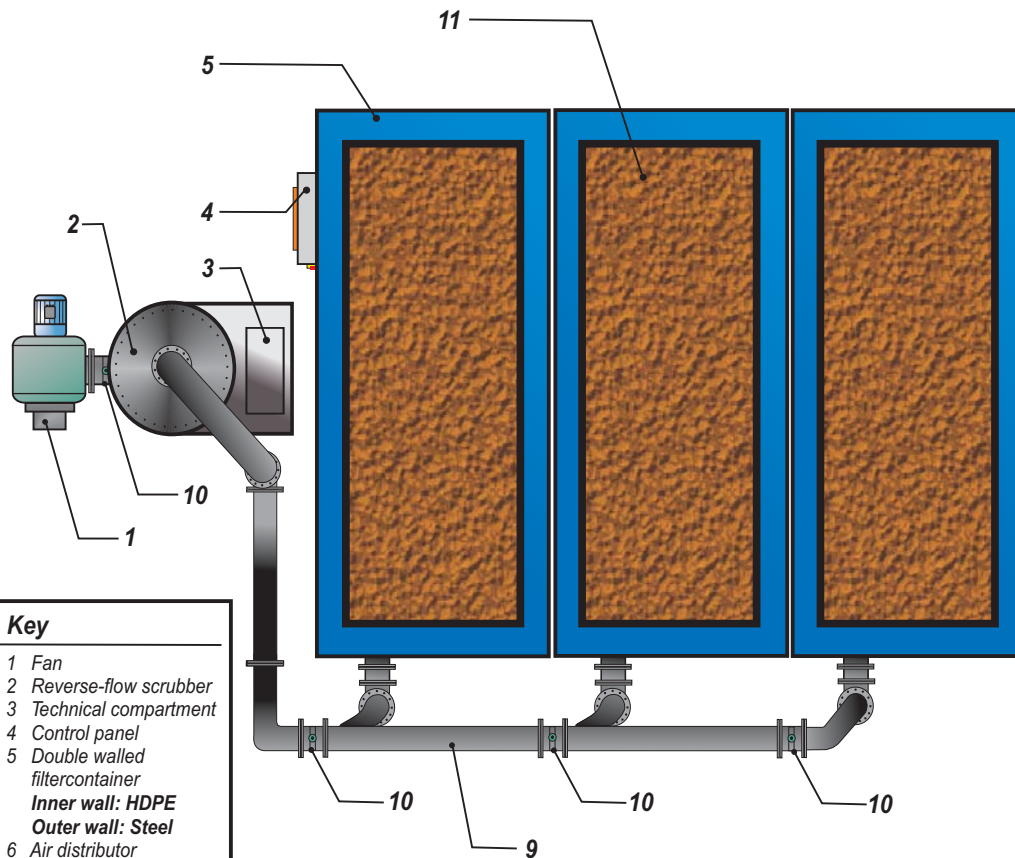
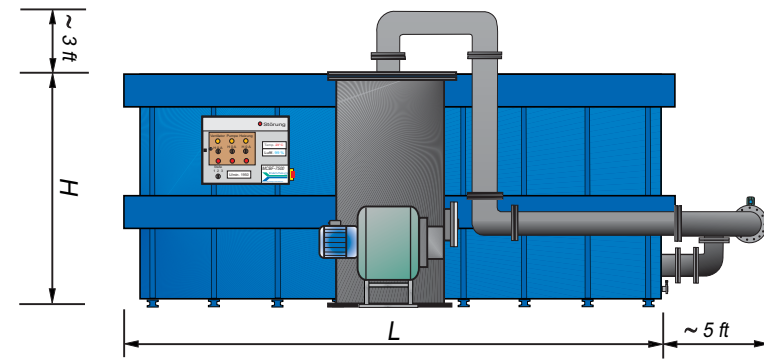
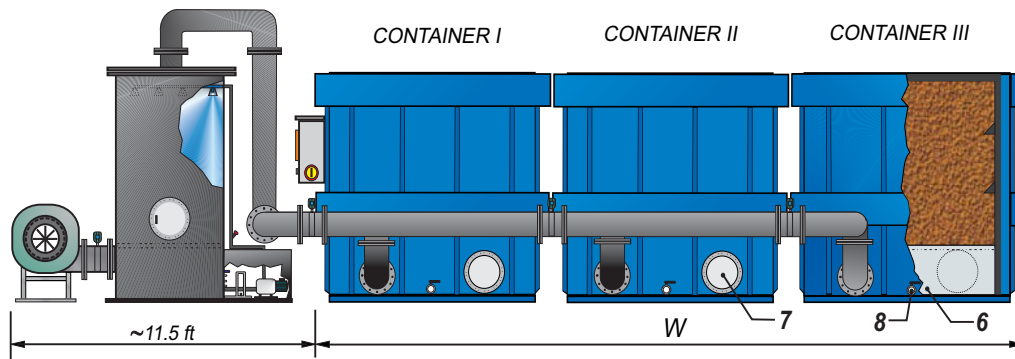


Technical Data and Measurements

Type	Waste Air Stream [cfm]	L [ft]	W [ft]	H [ft]	Modules [number]	ca.Weight [lbs]	Power* [kW]
MCBF - 300	300	10	7	5	1	9,900	0,8
MCBF - 600	600	20	7	5	1	19,800	1,2
MCBF - 900	900	20	7	6	1	24,200	1,5
MCBF - 1,200	1,200	25	7	7	1	33,000	1,8
MCBF - 1,800	1,500 - 2,000	30	7	7	1	37,400	2,5
MCBF - 3,000	2,000 - 3,500	30	16	7	2	74,900	4,3
MCBF - 4,500	3,500 - 5,300	30	24	7	3	112,300	6,5
MCBF - 6,000	5,300 - 7,000	30	32	7	4	149,800	8,8

* does not include heating

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



- Key**
- 1 Fan
 - 2 Reverse-flow scrubber
 - 3 Technical compartment
 - 4 Control panel
 - 5 Double walled filtercontainer
Inner wall: HDPE
Outer wall: Steel
 - 6 Air distributor
 - 7 Maintenance access
 - 8 Condensate overflow
 - 9 Input duct
 - 10 Butterfly valve
 - 11 Biofilter Material

Modular Container Biofilter System with reverse-flow scrubber

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

Our Modular Container Biofilter Systems consist of one or more double walled filtercontainers complete with Bioteg's bpc-100 Biofilter Media, an irrigation system, a scrubber with heater, a fan and a control panel. They are designed to treat airflow rates of 300 to 15,000 cfm. The outer wall of each container is made of steel with a treated and painted outer surface. The inner surfaces are coated with 3 mm heavy-duty polyethylene to avoid corrosion.

In case of a decrease in airflow, or for maintenance purposes, each container can be run separately to reduce operating costs.

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

Surfaces in contact with contaminating media: **PE, PP, PVC, stainless steel**
Filter Material: **Bioteg bpc-BT100** June 2000

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