

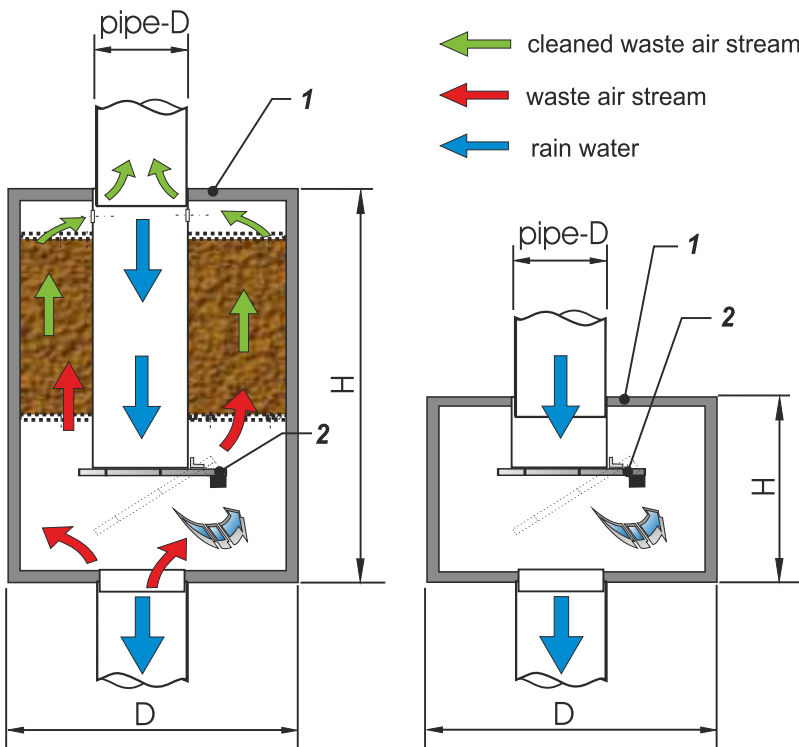
**Function in general**

**DRBF**

- waste air stream is cleaned by passing the filter matrix and leaves along the down pipe; the sewer system keeps ventilated

**DRGV**

- waste air stream is kept back in the sewer system; the ventilation of the sewer system is reduced



**Application**

The odor flap and the biofilter of the series DRBF / DRGV have been specially designed for the odor reduction and the corrosion prevention of roof gutter pipes.

At mixed sewerage systems where waste water and rain water are collected in the same pipes you can find increasing problems with odor. By the stack-effect of roof down pipes odorous corrosive waste air comes into houses by passing roof windows. This odorous waste air is not only inconvenient but also bad for the health.

In addition any metal rain drainage pipes will corrode within short time to a degree that they have to be replaced.

Annoying odors are going to be kept back in the sewer system with the odor flap of the DRGV series. The biofilter of the DRBF series is going to clean the contaminants while the ventilation of the sewer system keeps working. Rain water will pass the DRBF and the DRGV as well into the sewer system by a central pipe which is locked by a flap at the bottom and opens automatically according to a counterweight.

copper down pipe (inside) after 4 weeks



without use of DRBF/DRVG



with use of DRBF-DRVG

**Technical Data and Dimensions**

Material in contact with the media: PE, VA  
Biofilter material: bioteg bpc BT - 50

TYPE	~ Weight VA*) CU**) [Kg]	D [mm]	Pipe-D [mm]	H [mm]
DRFB-100	5	225	100	445
DRFB-120	5	225	120	445
DRVG-100	3	225	100	245
DRVG-120	3	225	120	245

body skin \*) in stainless steel / \*\*) in copper

Technical adjustments reserved

**Key**

- 1 body (a=stainless steel-/b=copper- appearance) (including biofilter material at DRBF series)
- 2 flap with counterweight (PEHD)



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