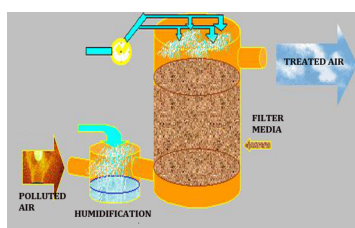
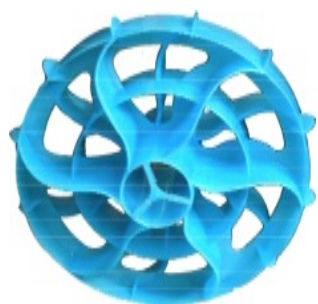




**BIO-FIL**

BIOLOGÍA Y FILTRACIÓN S.L.



**BIOFILL B-R TYPE  
IN A AIR BIOLOGIC FILTER**



## BIOFILL B-TYPE

The product **BIOFILL B** appears after more than 15 years of producing BIOFILL A-Type, with the aim of giving an alternative product that doesn't need so much surface and with a cheaper price. This product has a variation called **BIOFILL BR**

Both products have the same geography, dimensions and specific surface. The only differences are the thickness and applications.

While the standard **BIOFILL B-Type** is used in trickling filters which have a filling tallness less than 4 m. and in gas-cleaning towers. **BIOFILL BR-Type** is used in trickling filters which have a filling tallness over 4 m. and in air biological filters. Its mechanical resistance and large free volume allow the flow of air to treat, as well as a large surface where bacteria colonies can grow to eliminate volatile gases.

## MAIN FEATURES FOR B-TYPE

- |                               |  |
|-------------------------------|--|
| • Specific surface            | : > 130 m <sup>2</sup> /m <sup>3</sup> |
| • Free volume                 | : 90 %                                 |
| • Nº of pieces/m <sup>3</sup> | : 444                                  |
| • Diameter of pieces          | : 160 mm                               |
| • Weight per piece            | : 80 gr                                |
| • Weight/m <sup>3</sup>       | : 36 kg                                |
| • Weight per piece BR-Type    | : 112,6 gr                             |
| • Weight/m <sup>3</sup>       | : 50 kg                                |
| • Made by injection in        | : PP and PET                           |
| • Compression                 | : 370 Kg/m <sup>3</sup>                |
| • Max. working temperature    | : 65 °C                                |
| • Resistance to hydrocarbons  | : Good                                 |
| • Resistance to alkalis       | : Excellent                            |
| • Collocation                 | : Randomly                             |

The addition of **MICROCAT** products to the process will help improve the biomass growth and nitrification.

**MICROCAT HX :**

Works on inhibitor matter.

**MICROCAT XNL :**

Increases nitrification capacity.

**MICROCAT DEN :**

Improves denitrification.

**MICROCAT XF :**

Eliminates filamentous organisms and improves sludge return.