



## TECHNICAL DESCRIPTION FF SERIES



The development of our FF series is the result of years of field experience and feedbacks from the market.

- 1) One important advantage is the **free tool system** to open the **cover** for the filter media replacement: with our FF series the lower part of the cover can be raised up simply by one finger and pushed it upwards.



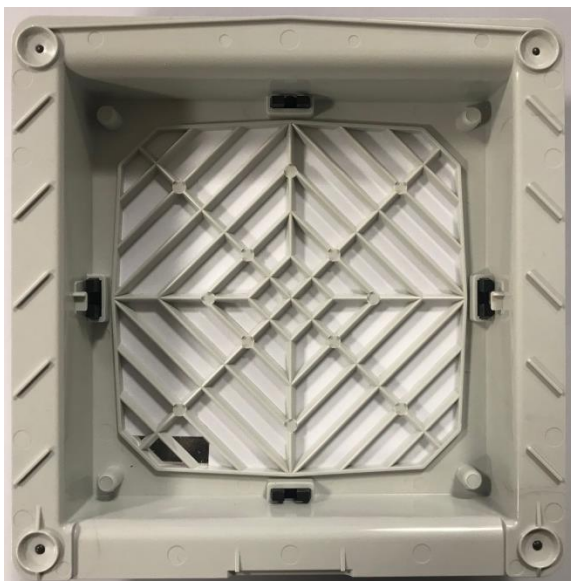
- 2) The Fandis FF series has a polyurethane gasket on the base which is automatically deposited by a dedicated machine. The gasket is housed in a recessed seat and remains always hidden.



- 3) The **base** has no openings in its structure thanks to the new fixing system of the cover and to the new mounting clips.



- 4) The ribbing designed on the base of the FF series facilitates the water runoff to the outside and towards the bottom of the filter. This structure improves the **water resistance**.



- 5) The internal base profile has been raised both to facilitate the water runoff and to have an additional barrier against dust and water.



- 6) The lower part of the **cover** has two openings that, combined with the slight inclination of the interior part of the base, facilitate the water runoff to the outside and limit the water accumulation in the filter.

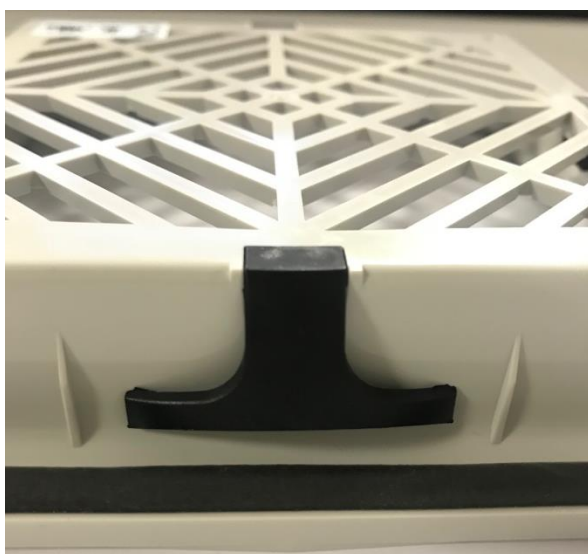


- 7) The innovative mounting clips allow mounting on 1 to 3.7mm thick plates, in particular:
- for the FF08 filters and fan filters from 1mm to 2mm;
  - for the FF12 and the FF13 filters and fan filters from 1.3mm to 3.2mm;
  - for the FF15 and the FF20 filters and fan filters from 1.3mm to 3.7mm (up to 4mm with cut-out max tolerance).

It is possible to reach such high thicknesses thanks to the combination between the shape of the clips and the material used for their production.

When the filter is inserted in the cut out of the enclosure, the clips adapt progressively to the wall thickness working both transversally and longitudinally.

The material used for their production guarantees good resistance as well as good elasticity.



To ensure a perfect assembly of the product in the cut-out, please insert it and press it on each corner in order to clamp it properly.

**Approvals:** the Fandis filters have the CE, cURus and cCSAus approvals.

The **plastic material** used is PC / ABS with higher mechanical properties and higher resistance to impact and heat.

Standard protection degree IP54, IP55 with EU4 filter media.