



Tetra Pak® Dust Filter FL200

Hygienic reverse jet filter for dust filtration



Highlights

- Highly hygienic – EC, ATEX, and EAC compliant
- Integrated pressure drop measurement system
- Removable sleeve and base plate and opening cover
- Cut cleaning time by up to 50 %
- Flexible mounting position for best workflow
- Safe cleaning and dust-free work environment
- Cut powder product losses

Application

The Tetra Pak® Dust Filter FL200 is specifically designed for high hygiene dust filtering applications such as powders for baby food (milk powder and cereals), dairy, nutritional and dietary products and supplements (parapharmaceuticals).

It's flexible design – with mounting positions on either the top or side of the hopper and unique removable sleeve and base plate cover – give operators easy access for cleaning and servicing the filter and hopper, saving valuable time and improving operator safety.

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Working principle

The process air goes through a filtering medium where the dust particles are retained. Compressed air is sequentially injected inside the sleeves. A reverse jet effect is then created to remove dust from the filtering medium.

The dust is either collected or sent back into the process. Furthermore the cylindrical design of the body prevents powder retention.

The integrated pressure drop measurement system allows optimal filtering and informs you when it is time to clean or replace the sleeves.

Basic unit

- Stainless steel cylindrical body
- Reverse jet system
- Box
- Cover

Options

- Stainless steel base plate 316L
- Needle magnehelic

Consumption data

Electrical power

54 w 24VDC ± 10%, 50/60 Hz

Dimensions and capacities

	Filtering surface (m ²)	Maxi air flow (m ³ /h)	Air outlet (mm)	Useful Pressure (bar)	Air consumption (Nm ³ /h)	Power (W)	Weight (kg)*
FL 200 Ø 650	5.08	700	DN100 (104)	3.8	5.7	54	144 - Horizontal 194 - Vertical
FL 200 Ø 800	7.40	1000	DN100 (104)	3.3	6.2	54	196 - Horizontal 265 - Vertical
FL 200 Ø 1000	11.32	1500	DN125 (129)	4	9	54	292 - Horizontal 367 - Vertical
FL 200 Ø 1200	17.20	2200	DN150 (154)	4.2	11.3	54	388 - Horizontal

* Horizontal = welded on hopper
* Vertical = with build-up

