Flour Milling
WAMAIR® Dust Collector FP / FPX

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Description ▼

WAMAIR® FP Dust Collectors consist of a polygonal shape casing, specifically developed for de-dusting mechanical conveyors or grain handling in lour mills. The filters are equipped with horizontally inserted pocket filter elements with antistatic filter media, and a reverse air jet cleaning system integrated in the hinged access door.

Function ▼

WAMAIR® Dust Collectors separate dust from the air flow by means of pocket filter elements. Dust drops down after an automatic reverse air jet cleaning device inside the front inspection door has removed it from the filter elements.

Application ▼

WAMAIR® FP Dust Collectors have been specially developed for de-dusting mechanical conveyors for grains such as belt conveyors, chain conveyors and bucket elevators.

Benefits ▼

- ✓ **Filter dimensions match shape of conveyors;**
- ✓ **Compliance with health and safety standards;**
- ✓ **Filter elements available in after market;**
- ✓ **Safety for OEM and End User;**
- ✓ **Running cost reduction;**
- ✓ **Low energy consumption;**
- ✓ **Maintenance cost reduction.**

ATEX-compliant

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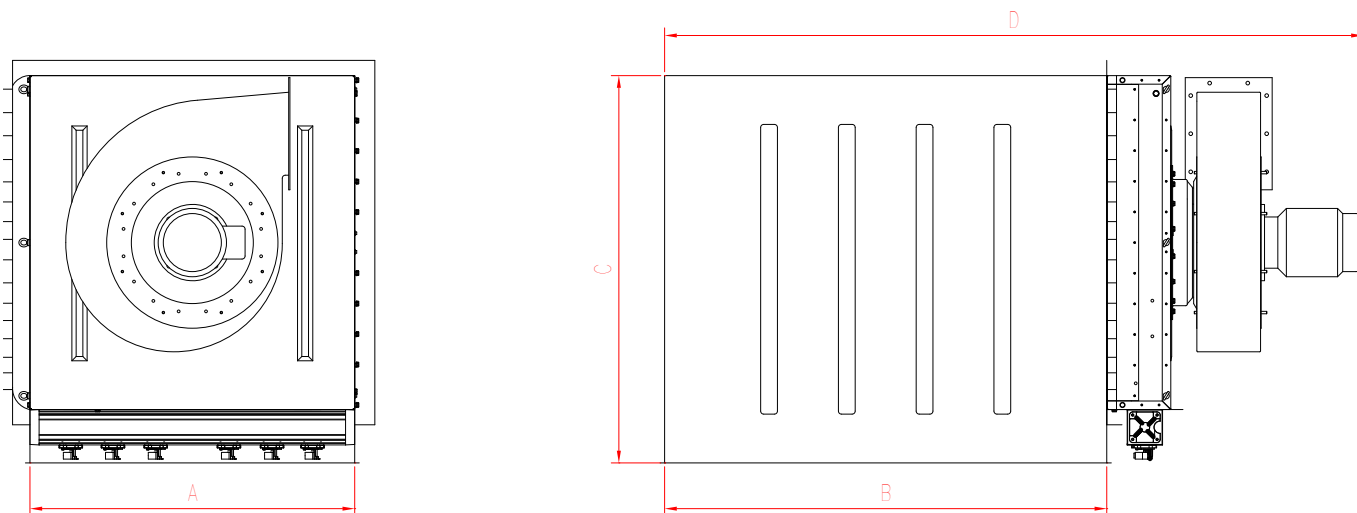
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Technical Features / Performance ▼

- ► ATEX-compliant
- ► 304 SS polygonal body
- ► Filter surface from 5 to 30m²
- ► Low emission level due to B.I.A.-certified filter media
- ► Pred = 0.25 bar (3.6 PSI)
- ► Large access door for comfortable filter element removal

- ► High cleaning efficiency due to "Full Immersion" solenoid valves incorporated in aluminium air tank (corrosion-resistant) for low maintenance operation
- ► High efficiency centrifugal fan
- ► Fan integrated into access door

Overall Dimensions ▼

FILTER CODE	FILTER SURFACE (m²)	A	B	C	D
FPHT 2 05	5	570	950	825	1,820
FPHT 5 09	9	570	1,700	825	2,570
FPHT D 12	12	570	1,200	1,320	2,170
FPHT E 15	15	570	1,450	1,320	2,420
FPHT F 18	18	570	1,700	1,320	2,670
FPHT M 22	22	845	1,450	1,320	2,440
FPHT R 24	24	1,065	1,200	1,320	2,190
FPHT S 30	30	1,065	1,450	1,320	2,530

This datasheet might not show the complete range but only the models most suitable for the application.

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