

# Paint & Varnish Processing

## WAMFLO® Front Dust Collectors



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### Description ▼

WAMFLO® Front Dust Collectors have been specifically developed for Dry-Mix Processing Plants. They are equipped with a round stainless steel body, optionally with a large residue-free access door for filter element removal. The casing contains vertically mounted round bag-type filter elements. To keep the filter media clean an air jet cleaning system is integrated in the top cover.

### Function ▼

WAMFLO® Front Dust Collectors are used for both venting and suction applications. Dust separated from the air flow by round bag-type filter elements drops back into the silo, bin or hopper after an integrated automatic reverse air jet cleaning system has removed it from the filter elements.



### Application ▼

WAMFLO® Front Dust Collectors are mainly used for venting of mixer for finished products and weigh hopper venting. They are equipped with a centrifugal fan with a potential air volume capacity of up to 53 m<sup>3</sup>/min.

### Benefits ▼

- ✓ Running cost reduction;
- ✓ Residue-free access door;
- ✓ Round bags available in after-market;
- ✓ Compliance with health and safety standards;
- ✓ Maintenance cost reduction;
- ✓ Safety for both OEM and End User.



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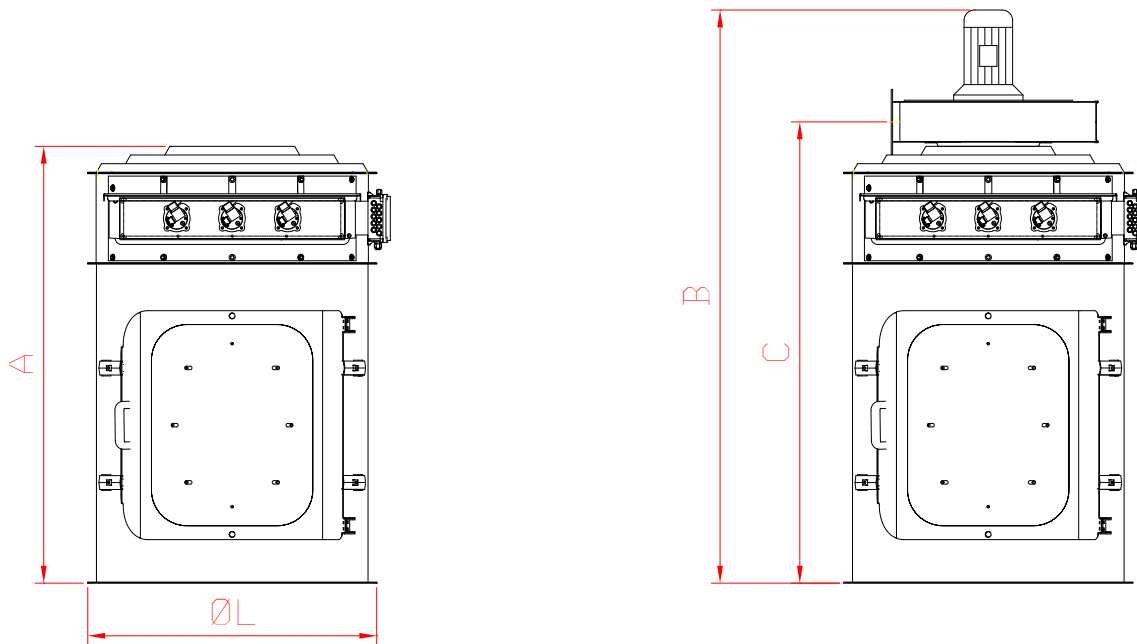
## WAMFLO® Front Dust Collectors



### Technical Features / Performance ▼

- ▶ 304 SS flanged cylindrical body
- ▶ Filter surface from 5 to 21m<sup>2</sup> (54 to 226 sq ft)
- ▶ Low emission level due to B.I.A.-certified filter media
- ▶ Compressed air-jet cleaning system integrated in top cover
- ▶ High efficiency centrifugal fan
- ▶ High cleaning efficiency due to "Full Immersion" solenoid valves integrated inside aluminium air tank (corrosion-resistant) for low-maintenance operation
- ▶ No tools for filtering element removal required
- ▶ Large access door for comfortable filter element removal

### Overall Dimensions ▼



FILTER CODE	FILTER SURFACE (m <sup>2</sup> )	Ø L	A	B	C
FNB2J05	5	603	1,666	2,221	1,809
FNB3J08	8	783	1,676	2,326	1,839
FNB3J11	11	783	2,156	2,806	2,319
FNB4J16	16	1,038	1,692	2,351	1,859
FNB4J21	21	1,038	2,172	2,831	2,339

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