

## Dust Collectors

### WAMFLO® Food FN200 / FN200X



## WAMFLO® Food FN200 - NO COMPROMISES ON SAFETY

High efficiency Round Dust Collectors (emission < 10mg/Nm³) with bag filter elements and compressed air cleaning system. The WAMFLO® Food Dust Collector range is designed to minimise dead spaces in compliance with regulations for production of equipment for dry powder processing in the food and pharmaceutical industry.

Provided with patented quick-release filter elements and accurate surface finishing (no sharp edges), WAMFLO® Food Dust Collectors ensure comfortable access for maintenance.

### Function

WAMFLO® Food avoids waste material by considerably improving de-dusting efficiency. As a decentralised dust recovery system WAMFLO® Food recycles dust within the production process where it occurs, thus avoiding product contamination deriving from other process phases.

### Features

- Programmable compressed air cleaning system
- Sturdy, minimal design for easy cleaning
- Patented “Easy-Fit-System” filter elements with bayonet lock providing easy access to dirty or clean side for maintenance
- Inspection door with built-in knobs for easy and safe access to interior of the dust collector
- High quality WAM®-certified surface finishing
- ATEX-compliant for internal zone 20 and external zone 21/22
- Suitable for both negative pressure (tested up to -6,000mm H<sub>2</sub>O / -0.6 bar) and positive pressure applications (tested up to 750mm H<sub>2</sub>O)

**PATENT PENDING**



### Benefits

- ✓ **Highly efficient programmable cleaning system synchronized with MDPE**
- ✓ **Minimised plant downtime thanks to quick and easy maintenance**
- ✓ **Effortless intuitive installation**
- ✓ **Certified EC 1935 / 2004**
- ✓ **Total safety ensured by 40 years of experience in filtration technology**

### Accessories

- Certified ATEX II 3D - ATEX II 2D
- 316L SS body and inspection door
- Filter media manufactured from antistatic moisture repellent fabric
- Heating system for cold environments from 0 to -20 °C (not for ATEX versions)
- VPA choke valve
- DK hopper in 304L SS
- DK hopper in 316L SS
- Anti-explosion panel for ATEX applications
- UFN bottom ring with or without fall preventing system



Application

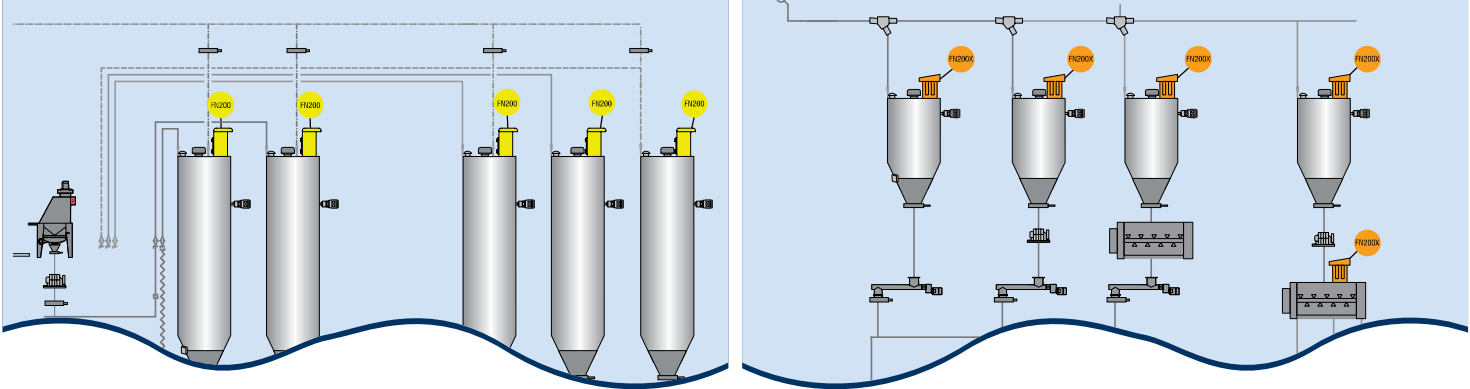


WAMFLO® Food FN200

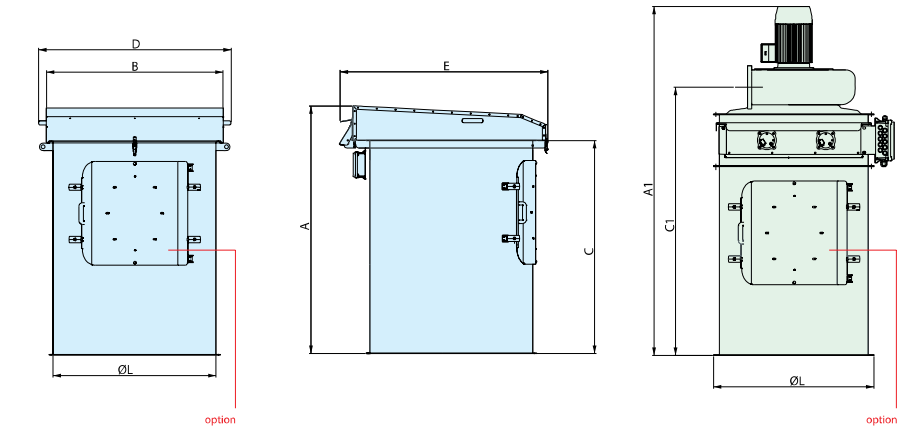
WAMFLO® Food FN200X

Outdoor application

Indoor application



Overall Dimensions



| Filter Surface (m²) | Ø L   | A     | B     | C     | D     | E     | A1    | C1    |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| FN200 / FN200X      |       |       |       |       |       |       |       |       |
| 1                   | 400   | 1,146 | 495   | 920   | 580   | 635   | 1,597 | 1,279 |
| 2                   | 400   | 1,586 | 495   | 1,360 | 580   | 635   | 2,037 | 1,719 |
| 3                   | 400   | 2,066 | 495   | 1,840 | 580   | 635   | 2,517 | 2,199 |
| 3                   | 600   | 1,146 | 690   | 920   | 775   | 880   | 1,725 | 1,313 |
| 5                   | 600   | 1,586 | 690   | 1,360 | 775   | 880   | 2,165 | 1,753 |
| 6                   | 600   | 2,066 | 690   | 1,840 | 775   | 880   | 2,645 | 2,233 |
| 5                   | 800   | 1,146 | 875   | 920   | 960   | 1,010 | 1,830 | 1,343 |
| 8                   | 800   | 1,586 | 875   | 1,360 | 960   | 1,010 | 2,270 | 1,783 |
| 11                  | 800   | 2,066 | 875   | 1,840 | 960   | 1,010 | 2,750 | 2,263 |
| 11                  | 1,000 | 1,146 | 1,125 | 920   | 1,210 | 1,325 | 1,855 | 1,363 |
| 16                  | 1,000 | 1,586 | 1,125 | 1,360 | 1,210 | 1,325 | 2,295 | 1,803 |
| 21                  | 1,000 | 2,066 | 1,125 | 1,840 | 1,210 | 1,325 | 2,775 | 2,283 |

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