

DUST FILTRATION DUST FILTRATION

# Silo Venting Filters SILOTOP® zero



**HIGH PERFORMANCE  
FEW COMPONENTS**

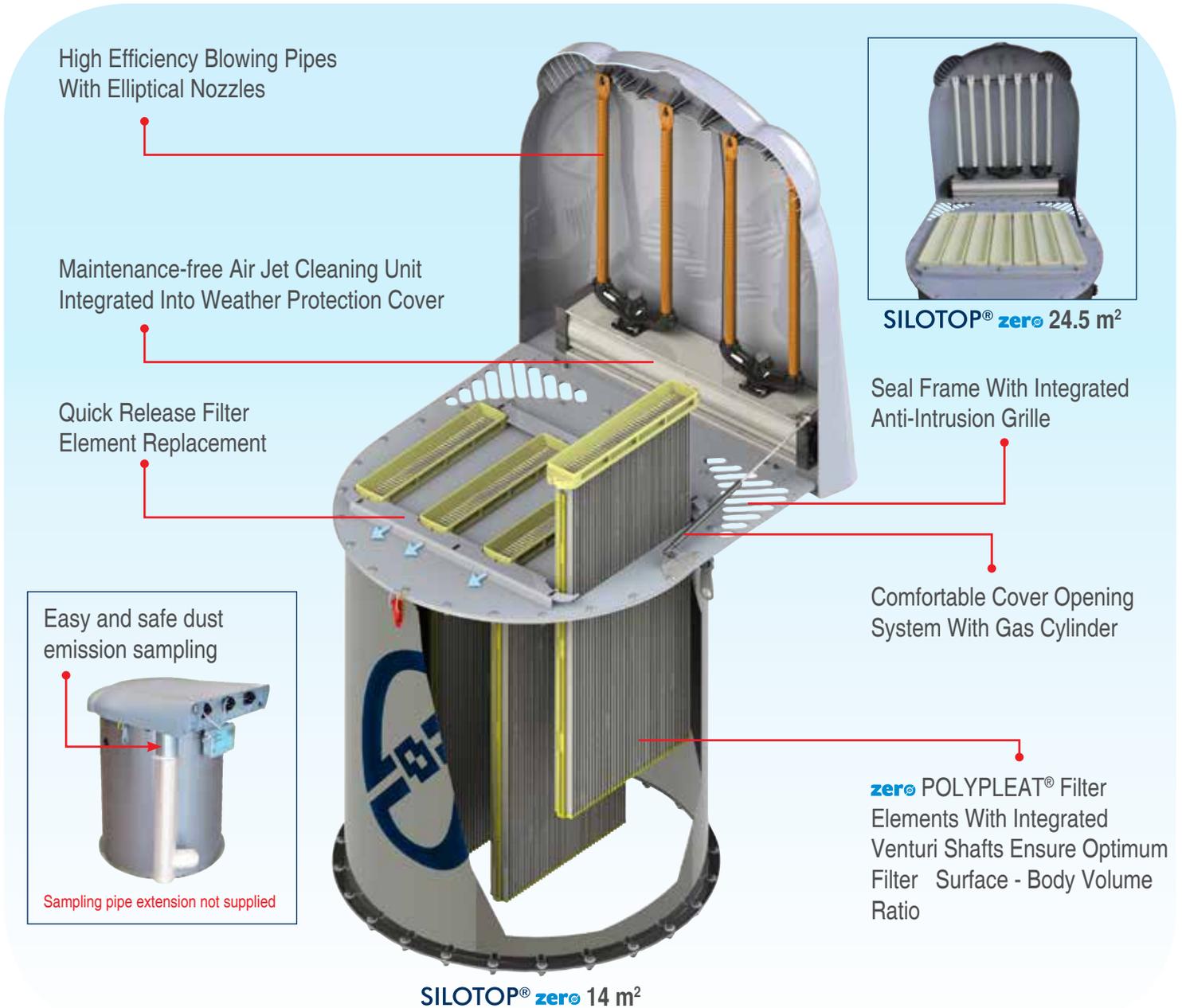


# CUTTING-EDGE DUST FILTRATION TECHNOLOGY

SILOTOP® zero is a cylindrically shaped dust collector for venting pneumatically filled silos. Its stainless steel body contains vertically mounted POLYPLEAT® filter elements. The air jet cleaning system is integrated into the hinged weather protection cover.

Dust separated from the air flow by special filter elements drops back into the silo after an integrated automatic pulse-jet air cleaning system has removed it from the filter media.

Air filtration capacity has been increased by 30% due to new high performance filter media. The result is lower filtering surface required, lower pressure drop, and dust emission of less than 1mg/Nm³.



## Overall Dimensions

| CODE     | BODY Ø<br>mm [in] | FILTER SURFACE<br>m <sup>2</sup> [sq ft] | MAX. HEIGHT WHEN CLOSED<br>mm [in] | MAX. HEIGHT WHEN OPEN<br>mm [in] | WEIGHT<br>kg [lb] |
|----------|-------------------|--|------------------------------------|----------------------------------|-------------------|
| SILAB 14 | 800 [31.5]        | 14.0 [150]                               | 1,100 [43.3]                       | 1,850 [72.8]                     | 68 [150]          |
| SILAB 24 | 800 [31.5]        | 24.5 [264]                               | 1,100 [43.3]                       | 1,850 [72.8]                     | 79 [174]          |

## Features

- Dust emission < 1 mg/Nm<sup>3</sup> due to **EPA class IFA-certified filter media**
- Air flow **performance increased** by 30%
- **Compact** 800 mm (30 in) diameter stainless steel body with bottom flange
- **Maintenance-free** air jet cleaning unit integrated into weather protection cover
- Maintenance height = 1,100 mm (3.6 ft)
- **Extended durability** due to **zero** filter media POLYPLEAT® elements
- **Safe** weather protection cover with **lockable quick release**

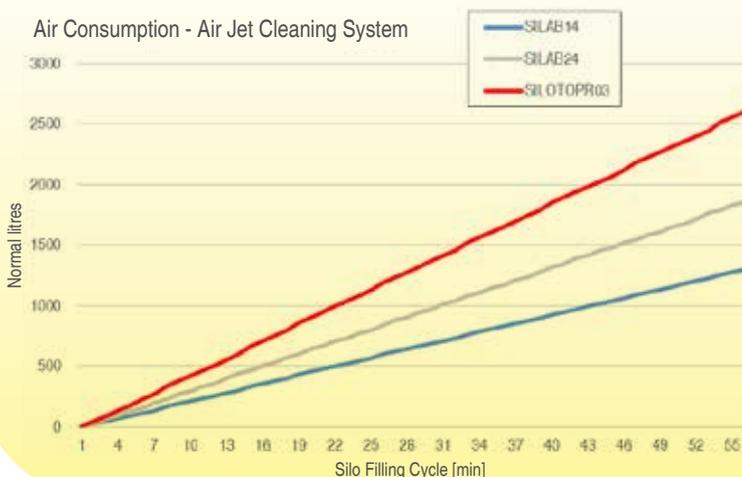


Easy and Safe Maintenance

## Benefits

- ✂ **Perfectly accessible due to compact design**
- 🔧 **Rugged construction**
- 👤 **Lightweight POLYPLEAT® filter elements easily replaceable by one operator only**
- 🌿 **Eco-friendly zero filter media**

### Economic Savings Using zero Filter Media



- 🔧 **Up to 50% lower annual management costs due to lower air consumption**
- 🔄 **Up to 30% savings in spare parts**
- 🕒 **Up to 20% savings in silo filling time (in standard test conditions)**

## Accessories

- Weld-on bottom ring
- Multifunctional electronic differential pressure meter
- Winter protection for solenoid valves
- Emission sampling kit

# Application



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