



17. Duct collector Unit for Silo

❖ CONSTRUCTION

SILOTOP ZERO IS A Cylindrically shaped dust collector for venting pneumatically filled silos. Its stainless steel casing contains vertically mounted polypleat elements made from nanofiber filter media. The compressed air pulsejet cleaning system is integrated into the hinged weather protection cover.

❖ FEATURES

- Dust separated from the air flow by special filter elements drop back in to the silo after an integrated automatic compressed air pulse jet cleaning system has removed it from the filter media.
- Air filtration capacity has been increased through innovative high performance filter media, which require less filter surface area, this results in lower pressure drop and dust emission less than 1 mg/Nm³ for concrete batching plant application.

❖ TECHNICAL SPECIFICATION

- High filtration efficiency due to nanofiber filter media.
- Maintenance-free compressed air pulse jet cleaning unit integrated into hinged weather protection cover.
- Safe weather protection cover with lockable snap lock
- Quick filter element removal

❖ FEATURES

- Holding peak flow rates of 1500 Nm³/h (880 cfm)
- Perfect accessibility due to compact design
- Sturdy stainless steel casing, low air consumption
- Filter element replacement within a few minutes by one person only

❖ ACCESSORIES

- Weld on bottom ring
- Winter protection for solenoid valves
- Emission sampling kits

❖ APPLICATION

- Ready mix concrete production, asphalt mixing
- Precast concrete production
- Dry mix building materials processing
- Act as a Silo Venting Unit

