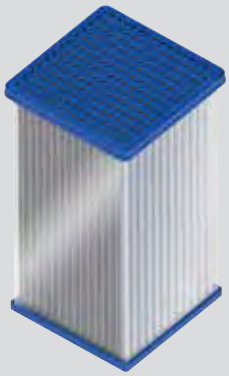
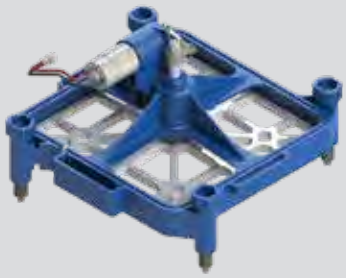
DUST FILTRATION DUST FILT

SILOTOP®
polyTUBE™
Silo Venting Filter

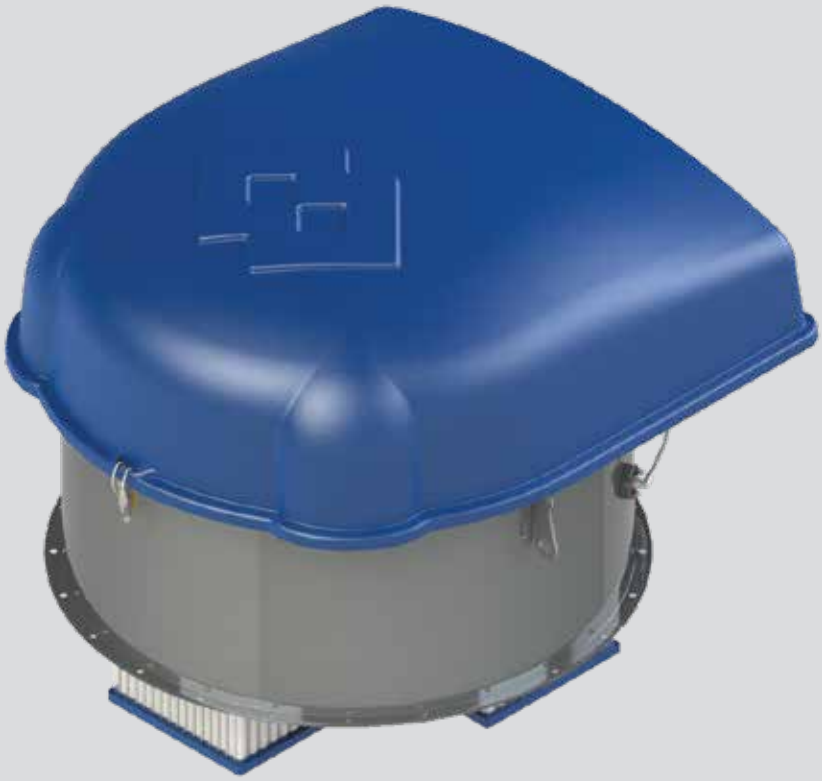
INTERNATIONAL PATENTS



polyTUBE™



MECHANICAL CLEANING SYSTEM



WAMGROUP®

WAM® AIR

SILOTOP® polyTUBE™
Silo Venting Filter

INNOVATIVE DUST FILTRATION TECHNOLOGY FOR A CLEAN, SAFE & HEALTHY ENVIRONMENT

SILOTOP® polyTUBE™ is a specialised compact silo venting filter designed for application in concrete plants. Its stainless-steel housing contains vertically mounted polyTUBE™ filter elements.
polyTUBE™ filtration technology ensures high filtration efficiency thanks to zero nano-fibre media and open-profile tubular cell structure for reduced dust residue and high performance over time.

The mechanical cleaning system is electrically activated and mounted on the energy distribution frame to provide efficient cleaning even during silo filling. SILOTOP® polyTUBE™ enables rapid evacuation of the dust-laden air flow to keep the silo system at peak performance.

The dust separated from the air flow by special filter elements drops back into the silo after an automatic mechanical cleaning system has removed the dust from the filter media.

polyTUBE™ technology offers maximum filtration performance with minimum energy consumption.





The use of **compressed air** can be a challenge in a concrete plant due to:

- Moisture
- Low temperature
- Condensation
- Increased operating costs
- Safety and operational issues

polyTUBE™ technology offers top performance without compressed air and is:

- **ENERGY**-saving
- **TIME**-saving
- **SPACE**-saving
- **MONEY**-saving

....enhancing EFFICIENCY and SAFETY!

Features

COMPACT DESIGN



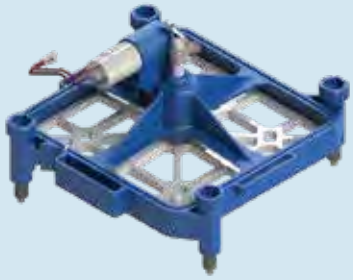


polyTUBE™



- polyTUBE™ performs 4 times more efficiently than conventional filter elements
- High durability due to tubular cell structure
- Eco-friendly zero filter media (<1mg/Nm³ dust emission)
- Sturdy yet lightweight

MECHANICAL CLEANING SYSTEM



- Low energy consumption
- 3 times lower noise level than air pulse-jet cleaning
- Maximum performance at minimum stress on filter medium

FILMEC™ Electronic Controller

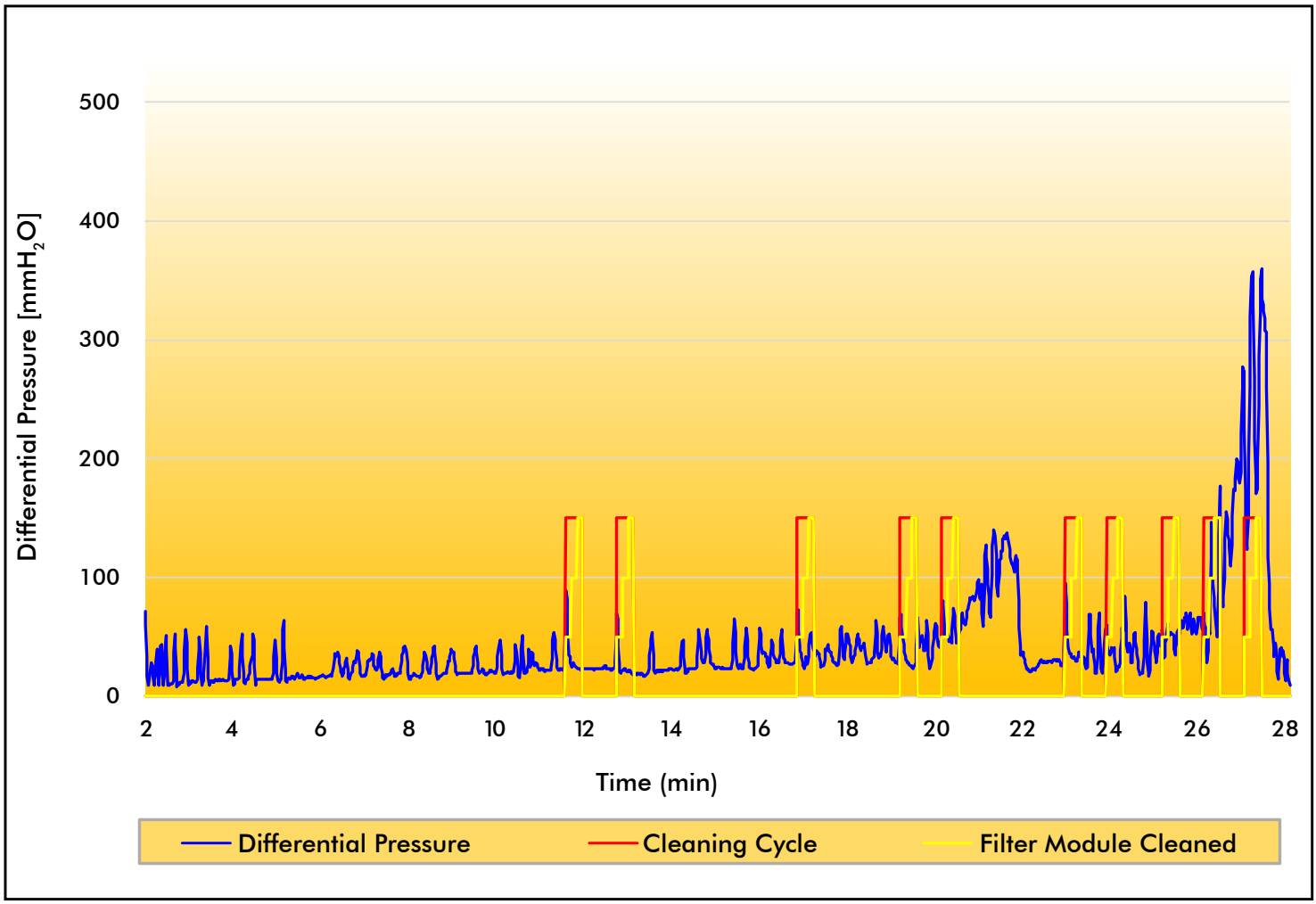


Fully automated function management and control with work-step recording

- Plug&Play
- Differential Pressure Meter
- Modbus RS485
- Monitoring Diagram

Power Supply	Frequency Hz	Maximum Voltage A	Maximum Power W	Energy Consumption Wh
90/260 V (AC)	50/60	5	100	<1

Performance during silo filling (test duration: 28 minutes)



Benefits



MINIMUM DUST EMISSIONS (less than 1mg/Nm³ with cement)



REDUCED NOISE (3 x lower noise than pneumatic cleaning) [-9 dB(A)]



MINIMISED ENERGY CONSUMPTION < 3 kWh/year



SAFE PLANT thanks to low differential pressure and data monitoring



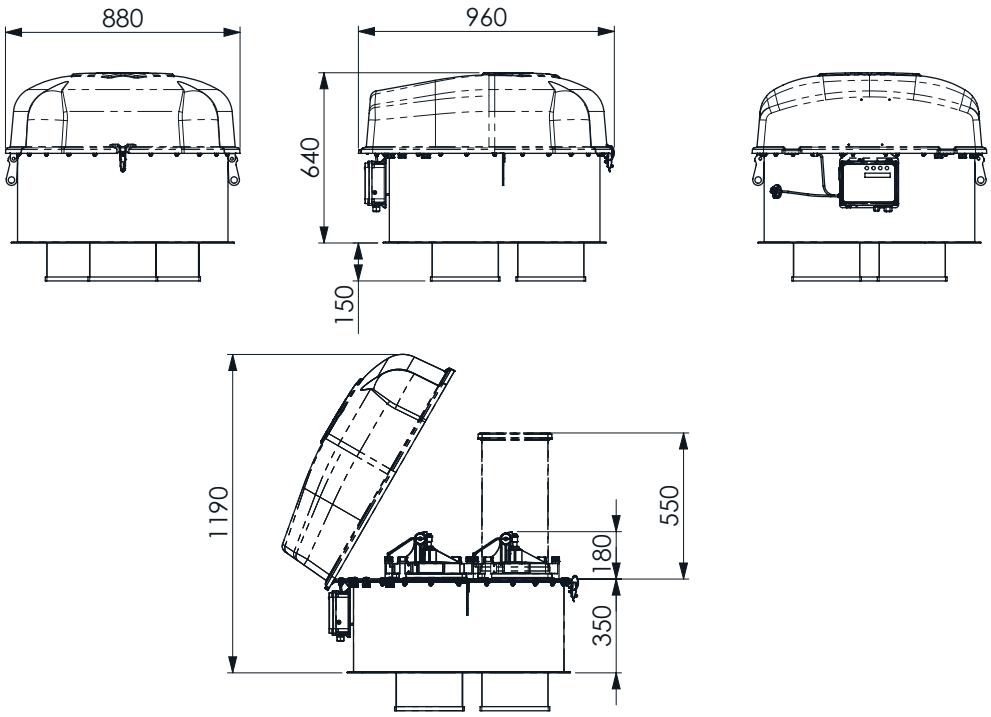
LOWER INSTALLATION AND OPERATING COSTS



Maximum performance over time without dust residue

Overall Dimensions

INTERCHANGEABLE with all previous SILOTOP® versions



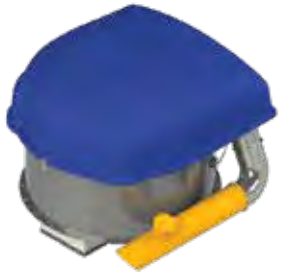
CODE	AIR FLOW Nm³/h	HOUSING Ø mm	MAX. HEIGHT (mm) closed	MAX. HEIGHT (mm) open	WEIGHT kg
SILOPT1500	1,500	800	640	1,190	60

Accessories

- Weld-on bottom ring



- Emission sampling kit



Application





polyTUBE™

Shaping a greener future



WAMGROUP®

WAM® TOREX® MAP® EXTRAC® RONCUZZI® FLITECH® TECNO CM

SILOFAB® MVM SEPCOM® CHIOR® SPECO® SAVI SAVECO®

WAM® AIR

UNI EN ISO 9001
Certified Company

UNI EN ISO 14001
Certified Company

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