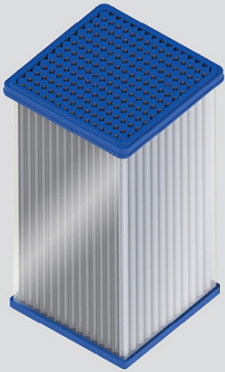
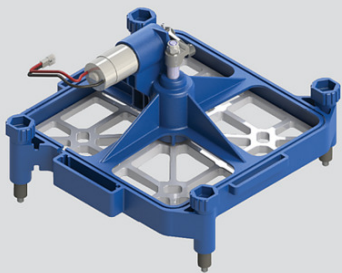


WAMAIR® Spot polyTUBE® Spot Filters

INTERNATIONAL
PATENTS



 polyTUBE®



MECHANICAL
CLEANING SYSTEM



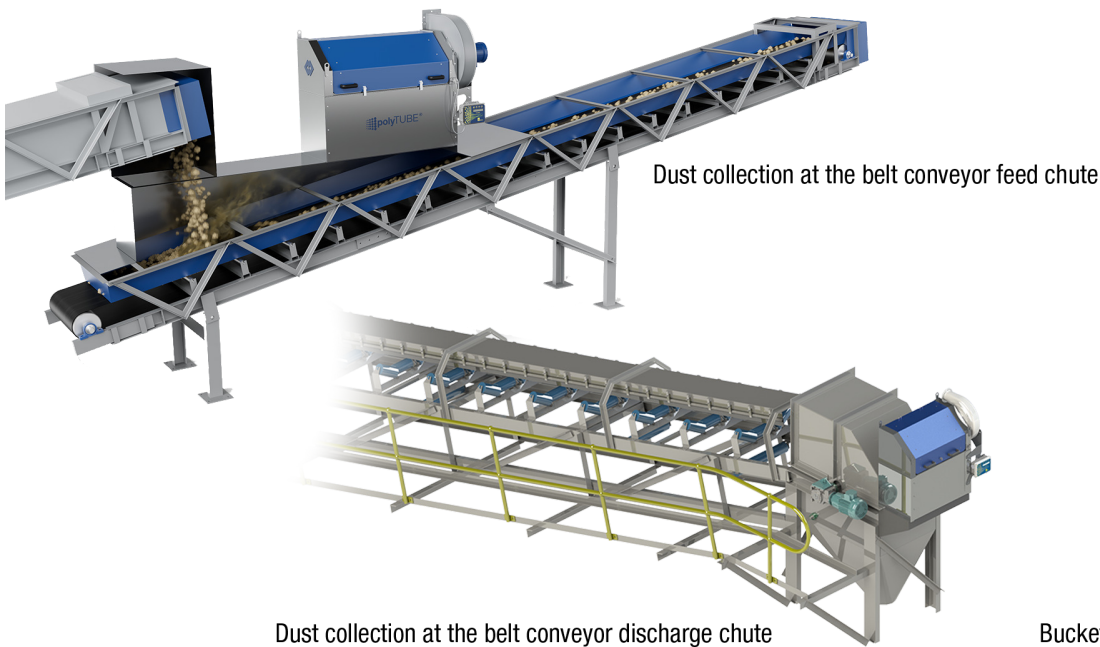
SMALL IN SIZE. BIG ON SAVINGS. NO MORE COMPRESSED AIR.

WAMAIR® Spot polyTUBE™ is a specialised compact dust collector for handling and process machine. Its stainless-steel housing contains vertically mounted polyTUBE™ filter elements.

polyTUBE™ filtration technology ensures high filtration efficiency thanks to **zero® nano-fibre** media and an open-profile tubular cell structure for reduced dust residue and high performance over time.

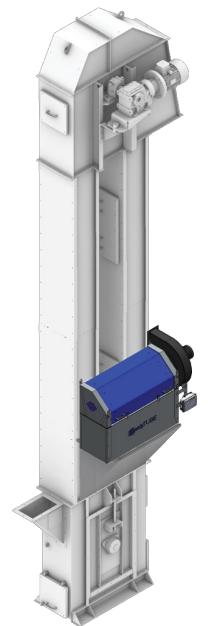
The dust separated from the air flow by special filter elements drops back into the process after an automatic pulse mechanical cleaning system has removed it: this innovative system is electrically activated, provided with isolator equipment and installed on an energy distribution plate to get the maximum efficiency.

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



Dust collection at the belt conveyor feed chute

Dust collection at the belt conveyor discharge chute



Bucket elevators inlet / discharge spout

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!

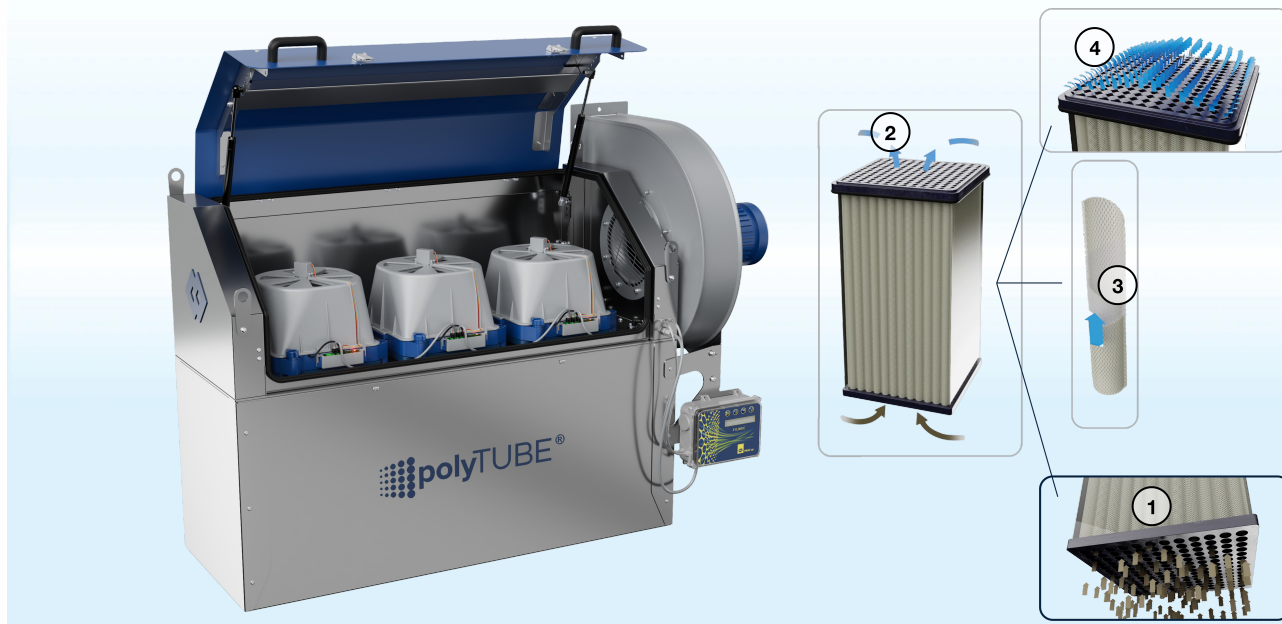
Technical Features

1 DIRTY AIR

2 DUST FILTRATION

3 **zero** NANO-FIBRE
treatment

4 CLEAN AIR



 **polyTUBE®**



 polyTUBE® performs 4 times more efficiently than conventional filter elements

 High durability due to tubular cell structure

 Eco-friendly **zero** filter media

 Sturdy yet lightweight

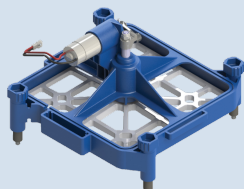
PULSE MECHANICAL CLEANING SYSTEM



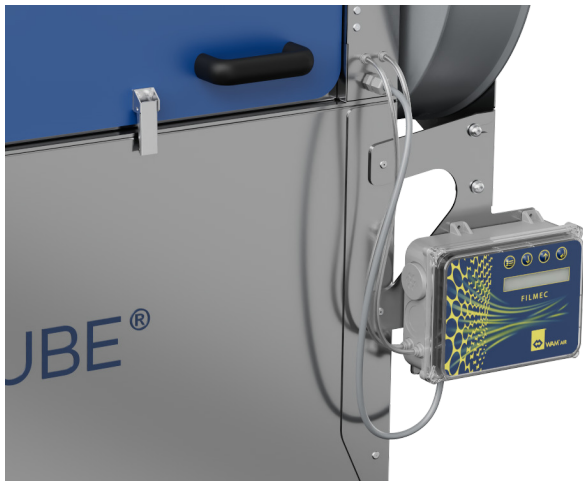
 Low energy consumption

 3 times lower noise level than air pulse-jet cleaning

 Maximum performance at minimum stress on filter media



FILMEC™ Electronic Controller



Fully automated function management and control with work-step recording



Plug&Play



Differential Pressure Meter



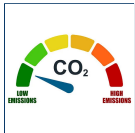
Modbus RS485



Monitoring Diagram

Power Supply	Frequency (Hz)	Maximum Power (W)	Energy Consumption (Wh)
90/260 V (AC)	50/60	100	<10
24 V (DC) +/- 8 %	-		

Benefits



Minimum dust emissions
(ISO 16890 ePM1 55%)



Reduced noise level



Minimised energy consumption
< 100 kWh/year



Easy maintenance and safe operation

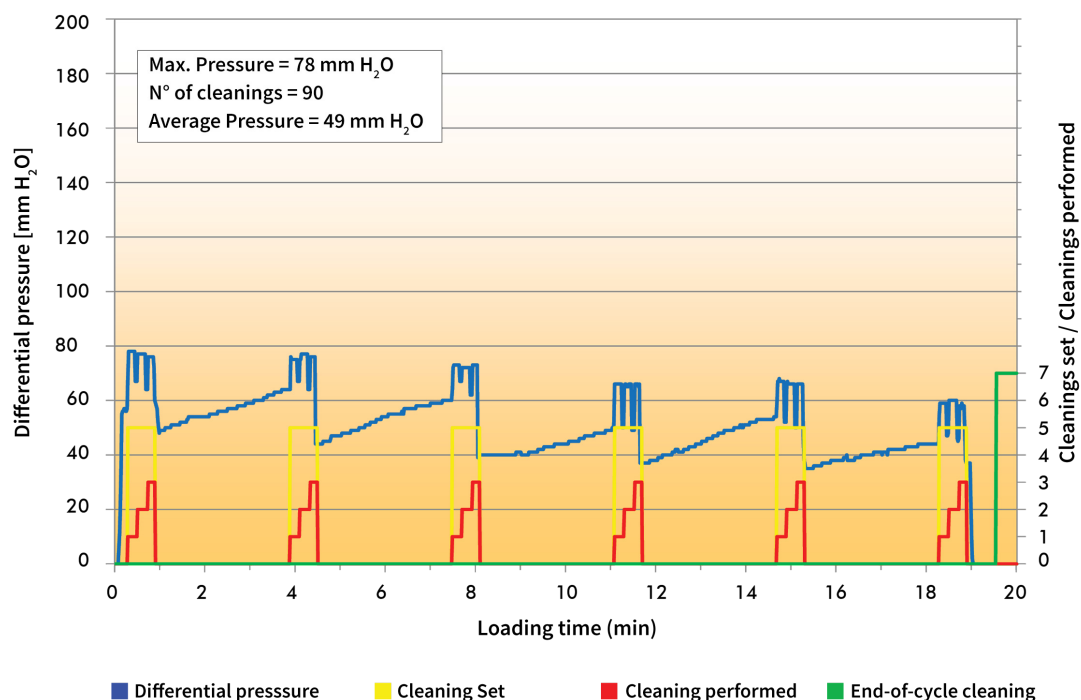


Lower installation and operating costs

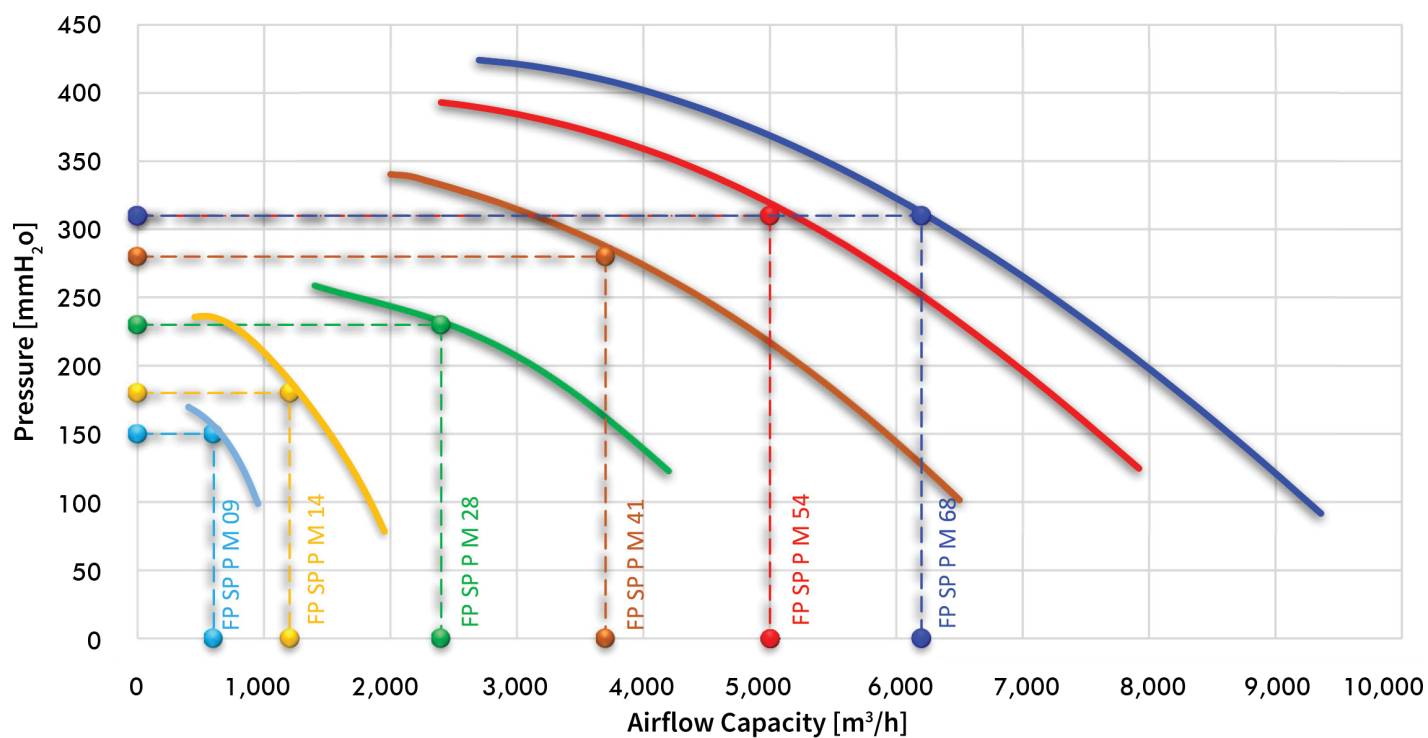


Maximum performance over time
without dust residue

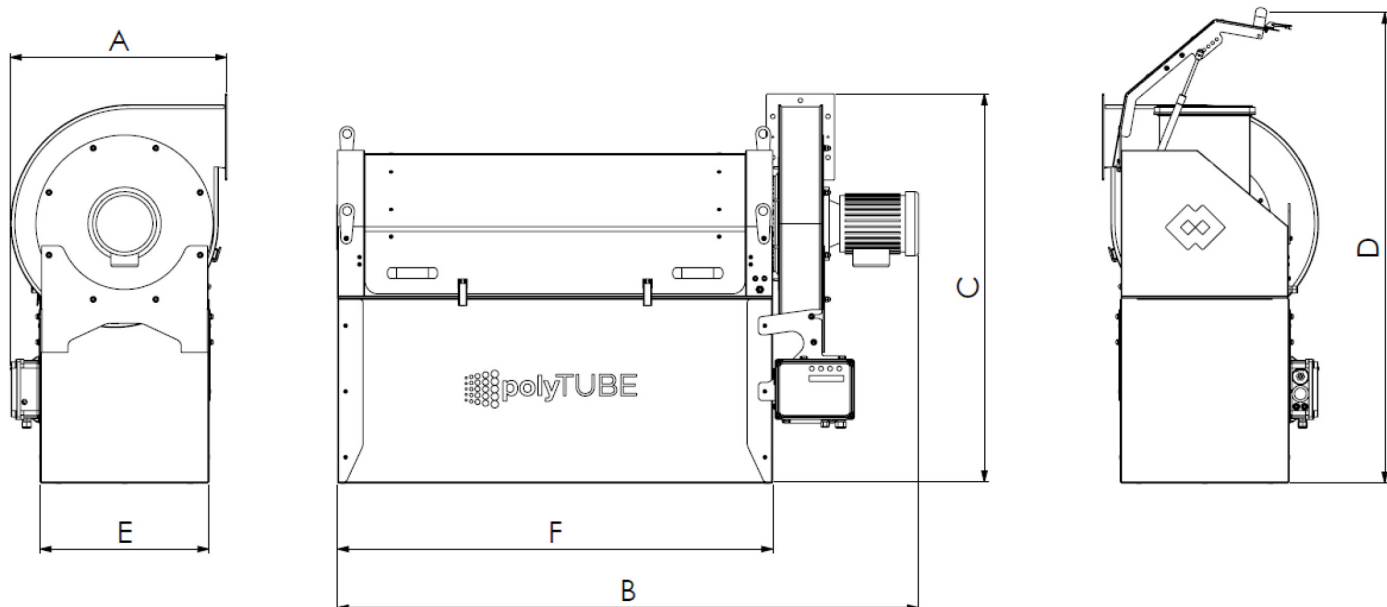
Performance during operation (test duration: 20 minutes)



Performances - Airflow & Pressure



Overall Dimensions



CODE	MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Fan Power (kW)	WEIGHT (kg)
FP SP P M 09	1 x 2	550	1,290	910	1,310	460	865	0.75	110
FP SP P M 14	1 x 3	590	1,590	1,070		1,190	1.5	150	
FP SP P M 28	2 x 3	880	1,720	1,190	1,620		795	3	260
FP SP P M 41	3 x 3	1,210	1,865	1,250	1,960		1,055	5.5	310
FP SP P M 54*	3 x 4		2,090	1,310		1,520		7.5	350
FP SP P M 68*	3 x 5		2,480			1,845		11	460

*Available on request

Application



 **polyTUBE®**

Shaping a **greener** future



 **WAMGROUP®**



WAM®



MAP®



TOREX®



EXTRAC®



WAM® AIR



WAM® VALVES



SILOFAB®



SAVECO®



WAM® AIR



UNI EN ISO 14001
Certified Company



UNI EN ISO 9001
Certified Company

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