



USE

- Dust filtration, in particular in the sectors: powder coating, food industry, feed production, chemical industry
- Operations of mixing, weighing, packaging of solid powdery materials, loading of bulk products, transfer of powders
- Sanding, sandblasting, grinding, edging and cutting operations on non-sparking metals
- Surface mechanical cleaning operations
- Dust suppression of rubber, cast iron, graphite, iron, steel, plastic, carbon, epoxy painting powders, fiberglass powders

FEATURES

- Sturdy construction in painted carbon steel sheet
- Standard version with collection drawer
- Counter-current compressed air cleaning (standard version with manual actuation)
- Cartridges fixed with threaded rods from above
- Cleaning with vibrator (only on request on some models)
- Very high efficiency cartridge filtration, BIA Class M
- High efficiency with cleaning system with one shot of compressed air for each cartridge
- Easily accessible cartridges for replacement

STANDARD SUPPLY

- Collection drawer
- Manual compressed air cleaning
- Soundproofing box (on models with fan)
- Wheels
- Fan
- Control panel (on models with fan)
- Polyester cartridges, Ø 320 mm, ht 600 mm

RESTRICTIONS

- Not suitable for explosive or flammable dusts, hygroscopic dusts, dusts with humidity > 5%
- Not suitable for mechanical machining of grinding, deburring, on metals that produce sparks

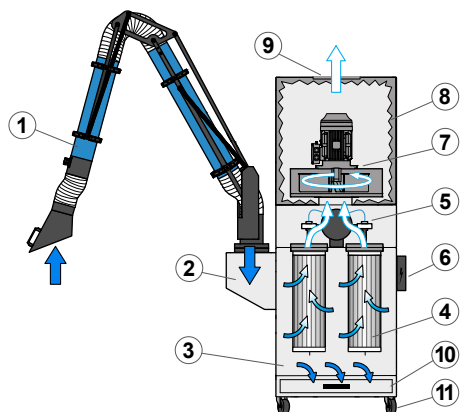
TECHNICAL DATA

Model	CARTRIDGES *	ARMS	POWER	FILTERING SURFACE	RECOMMENDED MAXIMUM FLOW RATE	NOISE	WEIGHT
	n	n	kW (2800 rpm)	m ²	m ³ /h	dB(A)	Kg
FINPOL/M1	1	-	1,5	10	750	<79	155
FINPOL/M2	2	-	2,2	20	1300	<79	155
FINPOL/M3	3	-	2,2	30	1800	<79	155
FINPOL/M2/100	2	1 (Ø 100 mm, lg. 2,6 mt)	2,2	20	650	<79	175
FINPOL/M2/150	2	1 (Ø 150 mm, lg. 3,2 mt)	2,2	20	1300	<79	185
FINPOL/M3/150	3	1 (Ø 150 mm, lg. 3,2 mt)	2,2	30	1300	<79	185
FINPOL/M3/200	3	1 (Ø 200 mm, lg. 3,2 mt)	2,2	30	1800	<79	190
FINPOL/M3/2150	3	2 (Ø 150 mm, lg. 3,2 mt)	2,2	30	1800	<79	190

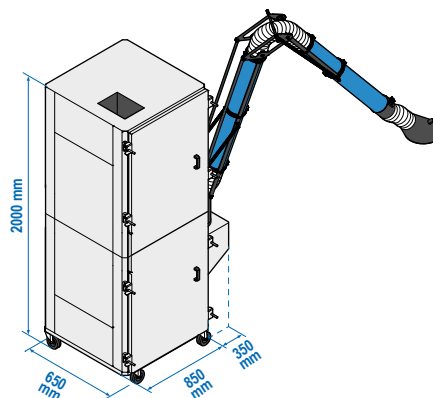
* Polyester cartridges Ø 320 mm, ht. 600 mm.

Air flow tolerance: ±10% - Noise tolerance: ±3 dB(A) - Weight tolerance: ±10%

OPERATION



DIMENSIONS



1. Elefantino suction arm (depending on the model)
2. Inlet of polluted air
3. Calming chamber
4. Filter cartridges
5. Compressed air cylinder
6. Electrical panel
7. Centrifugal fan (depending on the model)
8. Soundproofing box (depending on the model)
9. Outlet of filtered air
10. Dust collection drawer
11. Wheels

OPTIONAL

- **[MN/DG/BATT/ST]** Battery-powered digital pressure gauge with support bracket and filter connection
- **[ASS1]** Final filtration stage with H13 absolute filters
- **[CART/ANTIST]** Version with antistatic cartridge
- **[CART/FIN123/DT]** Version with DT TopBlend cartridge
- **[FIN123/CARB]** Carbon filter at the outlet (10 kg)
- **[FIN123/ATEX3D]** ATEX EX II 3D execution
- **[FIN123/INOX]** AISI 304 stainless steel execution
- **[PUL/A/PRO]** Control panel with automatic cleaning with integrated ECOSERIAL - cleaning according to the pressure drop
- **[PUL/A/EX22/PRO]** Control panel with automatic cleaning with external ECOSERIAL ATEX EX II 3D - cleaning according to the pressure drop
- **[PAVA]** Air inlet chamber with spark-trap and water tank
- **[RID/PRES]** Pressure reducer with 1/2 "manometer

SPARE PARTS

- **[RUOTE/F]** Braking wheels, Ø 100 mm
- **[RUOTE/N]** Non-braking wheels, Ø 100 mm
- **[CART/P6]** Polyester cartridge, Ø 320 mm, ht.600 mm
- **[SUP/ELP]** Arm attachment air inlet chamber
- **[BOMB/F]** Compressed air tank
- **[ASS/AP]** Absolute filter, efficiency 99.95% H13 - no flanges 610 x 610 x 292 mm
- **[SECCH/420]** Wheeled bucket with lid, Ø 420 mm x ht 600 mm, 83 lt
- **[VIB/EL]** Vibrator (for old versions)
- **[PAR/25]** Rubber hose, Ø 250 mm (for old versions)
- **[FASPAR25]** Spring clamp, Ø 250 mm, for rubber hose (for old versions)

PRODUCTIONS

