



FINPOL/HZP6 model with 8 cartridges and soundproofing box

USE

- Dust and fumes from cutting metal
- Dust and fumes from laser cutting
- Dust and fumes from plasma cutting
- Dust and fumes from oxyfuel
- Welding fumes
- Benches for flame cutting, laser cutting, plasma cutting

FEATURES

- Strong construction in sheet metal carbon steel painted RAL 7024
- Horizontal cartridges
- Pre-chamber (on models with 4, 6 and 8 cartridges)
- Automatic jet-pulse cleaning
- Air filtration with high efficiency cartridge, TopBlend filtering media technology, BIA class M
- High efficiency of cleaning system
- Ease of use and maintenance: the cartridges are easily accessible, allowing rapidity in the replacement
- The modularity allow a compact and economic design even for highest flow rates

STANDARD SUPPLY

- N° 1 hopper with dust collection bin 170 lt
- Pre-chamber (on models with 4, 6 and 8 cartridges)
- Cleaning system with compressed air (whit Jet-pulse)
- Fan soundproofing box (only on FINPOL/HZP and FINPOL/HZW)
- Fan switchboard with 3-pole plug (only on FINPOL/HZP and FINPOL/HZW)
- High efficiency cartridge, Ø 320 mm, ht. 660 mm, TopBlend filtering media technology, BIA class M

RESTRICTIONS

- Not suitable for explosive or combustible dusts, hygroscopic powders, dust with humidity >5%
- Not suitable for grinding and deburring operations on metals that produce sparks



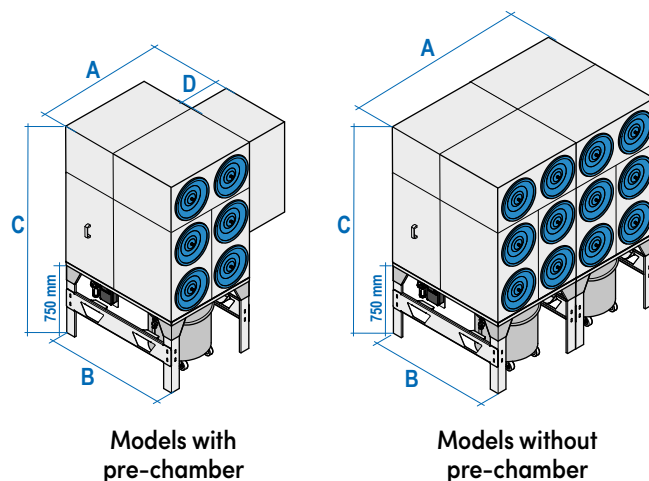
FINPOL/HZN12 model with 12 cartridges

TECHNICAL DATA

Model	CARTRIDGES n	FILTERING SURFACE m ²	HOPPERS AND BINS m ²	PRE- CHAMBER	FAN	POWER kW / rpm	MAX FLOWRATE m ³ /h	ΔP AVAIL. mm H ₂ O	NOISE db(A)	A mm	B mm	C mm	D mm	WEIGHT Kg
FINPOL/HZP [For dust and fumes from plasma, laser and flame cutting. With fan, soundproofing box, fan switchboard, cleaning switchboard]														
FINPOL/HZP4	4	82	1	✓	DTM 404	4 / 2.900	2.200	200	<80	1450	1350	1790*	450	1250
FINPOL/HZP6	6	123	1	✓	DTM 452	5,5 / 2.900	3.300	200	<80	1450	1350	2290*	450	1370
FINPOL/HZP8	8	164	1	✓	DTM 454	7,5 / 2.900	4.400	250	<80	1450	1350	2790*	450	1470
FINPOL/HZP12	12	246	2		DTM 504	11 / 2.900	6.600	250	<80	2010	1350	2290*	-	1920
FINPOL/HZW [For welding fumes. With fan, soundproofing box, fan switchboard, cleaning switchboard]														
FINPOL/HZW4	4	82	1	✓	DTM 454	7,5 / 2.900	3.600	170	<80	1450	1350	1790*	450	1270
FINPOL/HZW6	6	123	1	✓	DTM 502	9 / 2.900	5.500	170	<80	1450	1350	2290*	450	1510
FINPOL/HZW8	8	164	1	✓	DTM 504	11 / 2.900	7.000	180	<80	1450	1350	2790*	450	1670
FINPOL/HZW12	12	246	2		DTM 562	15 / 2.900	11.000	150	<80	2010	1350	2290*	-	2060
FINPOL/HZN [For centralized plants. with cleaning switchboard (do not include soundproofing box and fan switchboard)]														
FINPOL/HZN4	4	82	1	✓	-	-	-	-	-	1450	1350	1790	450	950
FINPOL/HZN6	6	123	1	✓	-	-	-	-	-	1450	1350	2290	450	1150
FINPOL/HZN8	8	164	1	✓	-	-	-	-	-	1450	1350	2790	450	1350
FINPOL/HZN12	12	246	2		-	-	-	-	-	2010	1350	2290	-	1700
FINPOL/HZN16	16	328	2		-	-	-	-	-	2010	1350	2790	-	2000
FINPOL/HZNL8	8 (4+4)	164	2	✓	-	-	-	-	-	1600	2050	1800	600	1250
FINPOL/HZNL12	12 (6+6)	246	2	✓	-	-	-	-	-	1600	2050	2290	600	1550
FINPOL/HZNL16	16 (8+8)	328	2	✓	-	-	-	-	-	1600	2050	2790	600	1900
FINPOL/HZNL24	24 (12+12)	492	4		-	-	-	-	-	2000	2050	2290	-	2550
FINPOL/HZNL32	32 (16+16)	656	4		-	-	-	-	-	2000	2050	2790	-	2850

* The total height C of the HZP and HZW models must be calculated adding 1000 mm for soundproofing box..

The suitability of the type of filter, the air flow rate and the type of cleaning must be checked according to any regulatory restrictions in force in the place of installation.



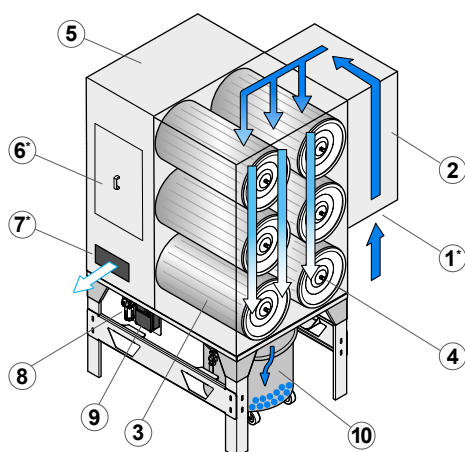
OPTIONAL

- **[FINPOLHZ/ATEX3D]** ATEX EX II 3D execution, for versions without fan and electrical panel
- **[CART/DONALD/M]** Version with Ultraweb HITECH nanofibre cartridge

SPARE PARTS

- **[EV1]** 1" threaded solenoid valve with 24VAC coil
- **[CART/DT]** TopBlend technology cartridge, Ø 320 mm, ht. 660 mm
- **[CART/DT/O]** TopBlend technology cartridge Ø 320 mm, ht. 660 mm (open / open) for FINPOL/HZNL
- **[CART/DONALD]** Ultraweb HITECH nanofiber cartridge, Ø 320 mm, ht. 660 mm
- **[CART/DONALD/O]** Ultraweb HITECH nanofibre cartridge, Ø 320 mm, ht.660 mm (open / open) for FINPOL/HZNL
- **[SECCH/570/90]** 90 lt wheeled bucket with lid Ø 570 mm

OPERATIONS



1. Polluted air inlet*
2. Pre-chamber (only on certain models)
3. Filter cartridges Ø 320 mm, ht. 660 mm
4. Knobs for extracting cartridges
5. Clean room
6. Cleaning system access door*
7. Clean air outlet*
8. Pressure gauge with pressure regulator
9. Automatic control unit for compressed air cleaning
10. 90 liter dust collection bucket

* Variable position

PRODUCTIONS

