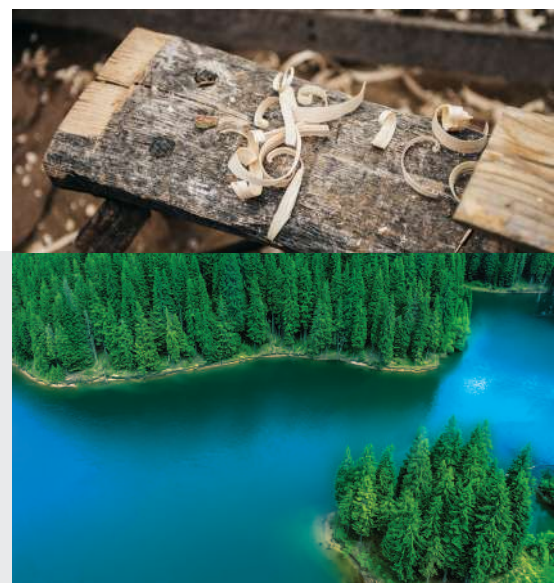


Wood dust collectors

Icon | Ca | Handy | Clen

High-efficiency dust collectors for the extraction and filtration of wood dust and chips



Icon

Icon **1C - 2C - 3C - 4C - 5C**

Ca

Ca **1C-2C-3C -4C**

Handy

Handy **1-2**

Clen

Clen **0,5 - 1 - 2**

Clen **AP 0,5 - AP 1 - AP 2**

Design

High efficiency dust collectors, designed in stationary or mobile versions, designed for the extraction and filtration of dust and chips generated in woodworking processes. Equipped with a plastic collection bag and a high-performance filtration system, capable of efficiently treating air streams polluted by solid particles.

Wood dust collectors

17 Models



Applications



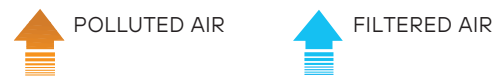
Wood chips



Wood dust

Principle of operation

High-efficiency dust collectors for the extraction and filtration of dust and chips in contaminated air through pipes connected directly to the wood processing machines. The extracted air is conveyed by the fan into the machine body, where the heavier materials are deposited directly into the collection bag and the residual air, containing finer dust, is filtered by high-efficiency polyester filters, ensuring effective filtration. The air thus purified is finally returned to the environment.



- ① Dusty air inlet
- ② Fan
- ③ Thermal ON/OFF switch
- ④ Coarse dust collection bag
- ⑤ Fine dust filter bag
- ⑥ Clean air outlet

Handy



Clen



Filter Media

MEDIA		MATERIALS	(g/m ²)	STANDARD	OPTIONAL
L PES COL270A	BAG	POLYESTER	270	■	
L PES 200	CARTRIDGES	POLYESTER	200		■
M PES/AX	CARTRIDGES	POLYESTER ANTISTATIC	200		■



L PES COL270A



L PES200



M PES/AX



COL 300C

Product range

High-efficiency, stationary or mobile dust collector, suitable for filtering dust and wood chips. All versions are equipped with filter bags made of **polyester L PES COL270**, transparent plastic collection bags, steel fan, three-phase motor and CE-compliant thermal switch. Ideal for individual solutions or small centralised systems.

Icon



All models in this range are supplied in a stationary version. (models 1 and 2 are mobile versions). Extraction happens through an upper inlet. Structure supplied in galvanised sheet metal as standard.

Ca



All models in this range are supplied in a mobile version. Extraction happens through an upper inlet. Frame supplied in galvanised sheet metal as standard.

Handy



All models in the range are supplied in a mobile version. Extraction happens through a floor-level lower inlet and three front inlets (Ø100-120-150). Painted as standard.

Clen



All models in the range are supplied in a mobile version. In the AP version, extraction happens through a bottom outlet. Structure is supplied painted as standard.



Technical features

Technical features	Icon	Model									
		1C 1,5	1C 2,2	2C 2,2	2C 3	3C 3	3C 4	4C 4	4C 5,5	5C 5,5	5C 7,5
Power	kW	1,5	2,2	2,2	3	3	4	4	5,5	5,5	7,5
	HP	2	3	3	4	4	5,5	5,5	7,5	7,5	10
Maximum flow rate	m ³ /h	2000	2500	3000	3500	3500	4500	5000	5500	6000	6500
Available static pressure	mmH ₂ O	105	120	105	125	115		115	130	120	112
Filtering surface	m ²	2,6		5,2		7,8		10,4		13	
Inlet	Ømm	200		220		250		280		315	
Number of filter bags	Ø500 - H1500mm	1		2		3		4		5	
Number of collection bags	Ø500 - H1250mm	1		2		3		4		5	
Bags classification		POLYESTER									
RPM		2800		2800		2800		2800		2800	
standard power supply	V - Hz	230/400 - 50		230/400 - 50		230/400 - 50		230/400 - 50		400/690 - 50	
Noise level	dB	75		77		80		82		85	
Total weight	kg	75	78	99	105	130	135	168	174	212	223

Technical features	Ca	Model								
		1C 0,75	1C 1,5	1C 2,2	2C 2,2	2C 3	3C 3	3C 4	4C 4	4C 5,5
Power	kW	0,75	1,5	2,2	2,2	3	3	4	4	5,5
	HP	1	2	3	3	4	4	5,5	5,5	7,5
Maximum flow rate	m ³ /h	1600	2500	2800	3700	3900	4200	5200	5200	5900
Available static pressure	mmH ₂ O	90	130	140	120	140	130	150	140	170
Filtering surface	m ²	2,7		5,4		8,1		10,8		
Inlet	Ømm	180	200		220		220	250	250	280
Number of filter bags	H1500mm	Ø450 - 1		Ø500 - 2		Ø500 - 3		Ø500 - 4		
Number of collection bags	H1500mm	Ø450 - 1		Ø500 - 2		Ø500 - 3		Ø500 - 4		
Bags classification		POLYESTER								
RPM		2800		2800		2800		2800		2800
standard power supply	V - Hz	230/400 - 50		230/400 - 50		230/400 - 50		230/400 - 50		
Noise level	dB	76	78	80	80	82	84		86	
Total weight	kg	50	60	70	95	105	135		180	

Technical features	Handy	Model	
		1	2
Power	kW	0,75	1,5
	HP	1	2
Maximum flow rate	m ³ /h	1500	2250
Available static pressure	mmH ₂ O	40	60
Filtering surface	m ²	1,9	2,2
Inlet	Ømm	100/120/150	
Number of filter bags	Ø450 mm	1 - H1200	2 - H1500
Number of collection bags	Ø450 - H1050mm	1	2
Bags classification		POLYESTER	
RPM		2800	2800
standard power supply	V - Hz	230/400 - 50	
Noise level	dB	77	79
Total weight	kg	48	53

Technical features	Clen	Model					
		0,5	1	2	AP 0,5	AP 1	AP 2
Power	kW	0,37	0,75	1,5	0,37	0,75	1,5
	HP	0,5	1	2	0,5	1	2
Maximum flow rate	m ³ /h	1000	1500	2250	1000	1500	2250
Available static pressure	mmH ₂ O	20	40	50	20	40	50
Filtering surface	m ²	1,3	1,9	2,2	1,3	1,9	2,2
Inlet	Ømm	120	150	180	120	150	180
Number of filter bags	Ø450mm	1 - H800	1 - H1200	1 - H1500	1 - H800	1 - H1200	1 - H1500
Number of collection bags	Ø450 - H1050mm	1	1	1	1	1	1
Bags classification		POLYESTER					
RPM		2800	2800	2800	2800	2800	2800
standard power supply	V - Hz	230/400 - 50	230/400 - 50	230/400 - 50	230/400 - 50	230/400 - 50	230/400 - 50
Noise level	dB	80	81	83	80	81	83
Total weight	kg	36	38	40,5	37,5	39,5	42

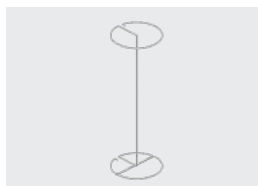
Standard Components

Icon | Ca | Handy | Clen



Polyester filter bag

Icon | Ca | Handy | Clen



Bags filter holder

Icon | Ca | Handy | Clen



Transparent plastic collection bag

Icon | Ca | Handy | Clen



Thermal switch

Options

Icon | Ca | Handy | Clen



Branches

Icon | Ca | Handy | Clen



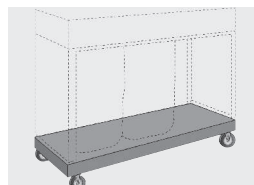
Flexible hose

Handy | Clen



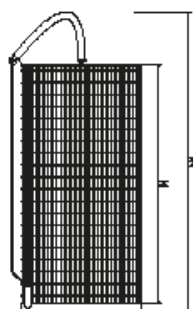
Accessory set

Icon 1 - 2



Carted version

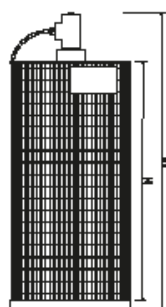
FIL cartridges



FIL MOD C

Cartridge with manual cleaning handle

H mm	H1 mm	Ø mm	Filtering surface (m ²)
660	925	450	5,9
		500	6,5
1000	1265	450	9
		500	10



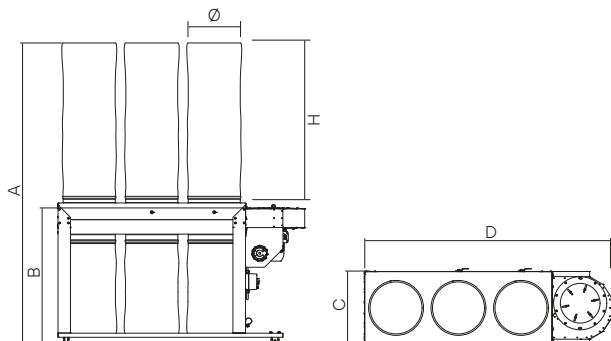
FIL MOD D

Cartridge with motor cleaning system

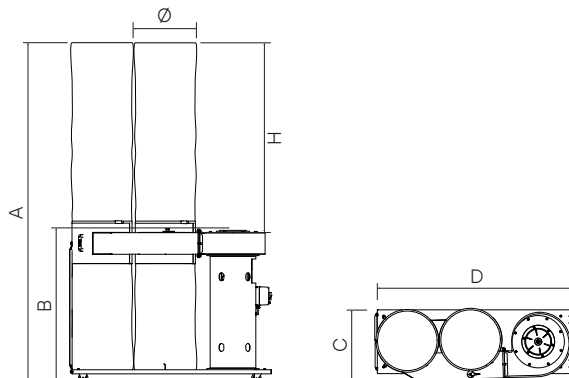
H mm	H1 mm	Ø mm	Filtering surface (m ²)
660	925	450	5,9
		500	6,5
1000	1265	450	9
		500	10

Overall dimensions

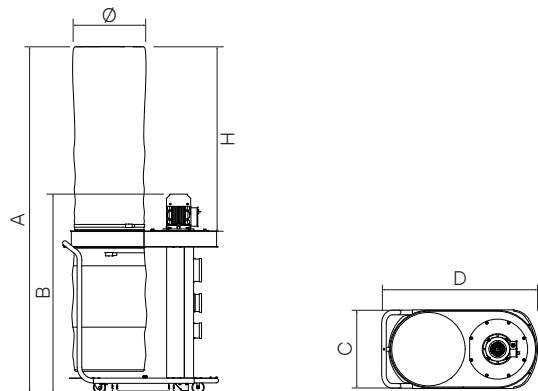
Icon



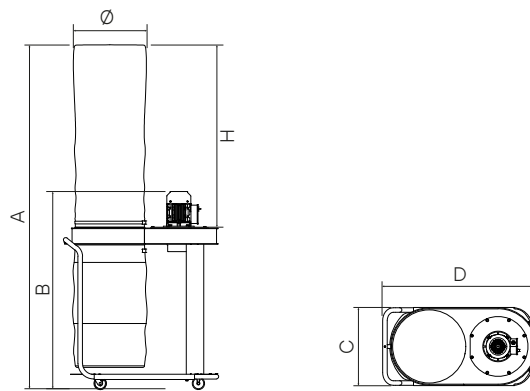
Ca



Handy



Clen



MODEL	DIMENSIONS (mm)						PACKAGING DIMENSIONS WITH CARDBOARD (mm)		
	A	B	C	D	Ø	H	AxBxH	Fan	Weight (Kg)
Icon 1C	2740	1305	700	1350	500	1500	1380x770x700	720x620x750	60+60
Icon 2C	2740	1305	700	1750	500	1500	1570x800x700	720x620x750	80+60
Icon 3C	2630	1200	700	2400	500	1500	1850x750x720	720x620x750	90+60
Icon 4C	2630	1200	700	3000	500	1500	2500x750x620	720x620x750	105+60
Icon 5C	2630	1200	700	3600	500	1500	3100x780x600	720x620x750	125+60
CA 1C*	2900		520	1200	450	1500	1150x750x650		80
CA 2C*	2900		630	2000	500	1500	1750x750x800		105
CA 3C*	2910		750	2640	500	1500	2230x750x1100		135
CA 4C*	2910		230	3170	500	1500	2230x750x1100		190
Handy 1	2300	1300	500	1060	450	1200	1030x570x700		62
Handy 2	2600	1315	500	1060	450	1500	1030x570x700		62
Clen 0,5	1850	1260	500	1060	450	800	1030x570x700		55
Clen 1	2200	1300	500	1060	450	1200	1030x570x700		55
Clen 2	2200	1340	500	1060	450	1500	1030x570x700		55
Clen AP 0,5	1850	1260	500	1060	450	800	1030x570x700		55
Clen AP 1	2200	1300	500	1060	450	1200	1030x570x700		55
Clen AP 2	2200	1340	500	1060	450	1500	1030x570x700		55

All images and values on this catalogue are indicative and can be subject to modification and improvements. CORAL reserves the right to change them without previous advice.



Made in Coral

Coral manufactures 100% of all the components that are part of an industrial extraction system within their facilities in Volpiano, just outside of Turin. The quality of materials that we use and our industry experience guarantee a production of high level in everything we make.

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