

Icon

EN

High-efficiency filter units for extraction and filtration of wood dust and chips



Icon

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

Design

Range of high-efficiency filter units for extraction and filtration of polluted air flows with dust and chips from woodworking, equipped with the advanced Polyester PES 280 filters with very high filtration class.

Integrated centrifugal fan
Quick, simple and easy installation
Reduced installation costs
Plug & Play solution
Quick and easy maintenance

Icon

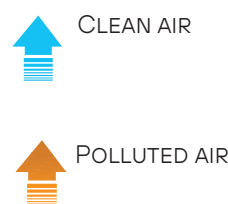
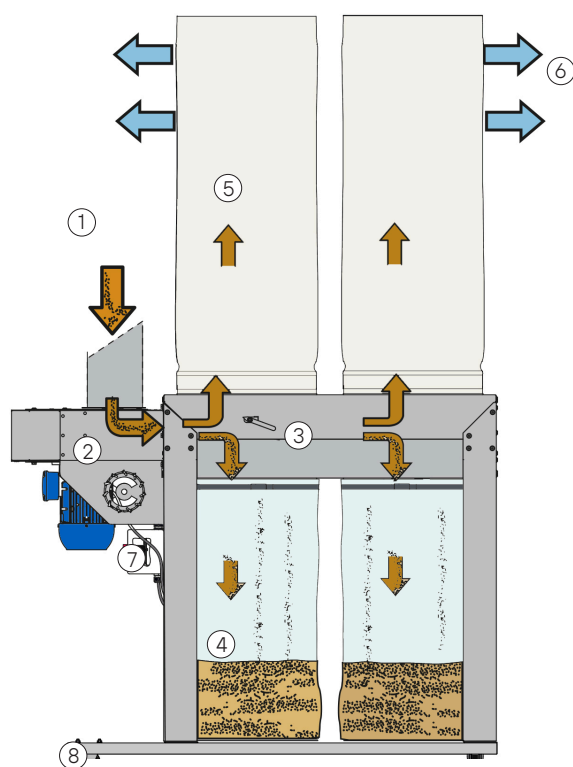
1

product range

10

standard models

Principle of operation



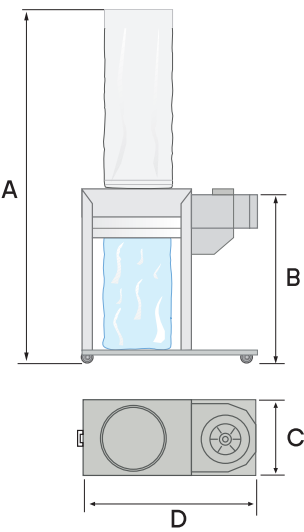
- ① Dusty air enters through the connecting pipe
- ② Fan motor unit
- ③ Dust air outlet channel with adjustable deflectors
- ④ Collection bags for heavier particles
- ⑤ Dust rising towards the filter bags
- ⑥ Clean air outlet
- ⑦ CE compliant thermal switch
- ⑧ Base complete with wheels for version 1C-2C
option for version 3C-4C-5C

Technical features

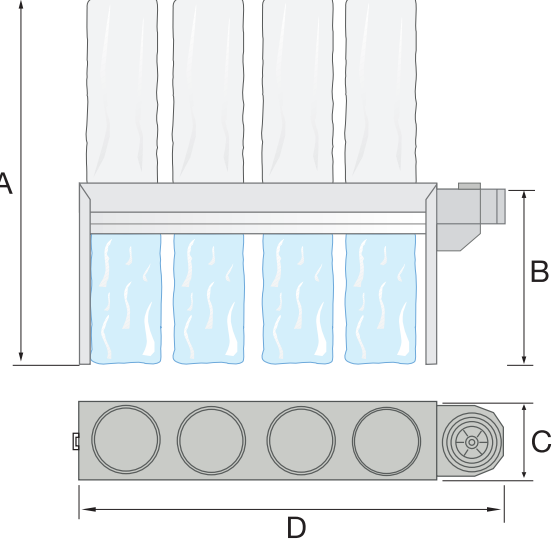
Model	Maximum air flow	Nominal air flow	Inlet static pressure	Power	Inlet	Number of filter bags	Filtering surface	Weight
	m ³ /h	m ³ /h	mmH ₂ O	kW-HP	Ø mm - inch	Ø 500 mm H 1500 mm Ø 19,7 inch H 59 inch	m ² - sq.ft	Kg - lb
ICON 1C/1,5	2000 - 1177	1800 - 1059	105	1,5 - 2	200 - 7,08	1	4,8 - 51	75 - 165
ICON 1C/2,2	2500 - 1471	2200 - 1295	120	2,2 - 3	200 - 7,08	1	4,8 - 51	78 - 172
ICON 2C/2,2	3000 - 1765	2500 - 1471	105	2,2 - 3	220 - 8,66	2	9,6 - 103	99 - 218
ICON 2C/3	3500 - 2060	3000 - 1766	125	3 - 4	220 - 8,66	2	9,6 - 103	105 - 231
ICON 3C/3	3500 - 2060	3100 - 1825	115	3 - 4	250 - 9,84	3	14,4 - 155	130 - 287
ICON 3C/4	4500 - 2648	4000 - 2354	115	4 - 5,5	250 - 9,84	3	14,4 - 155	135 - 297
ICON 4C/4	5000 - 2942	4300 - 2531	115	4 - 5,5	280 - 11,02	4	19,2 - 206	168 - 337
ICON 4C/5,5	5500 - 3237	4500 - 2649	130	5,5 - 7,5	280 - 11,02	4	19,2 - 206	174 - 383
ICON 5C/5,5	6000 - 3531	5000 - 2943	120	5,5 - 7,5	315 - 12,40	5	24 - 258	212 - 467
ICON 5C/7,5	6500 - 3825	6200 - 3649	112	7,5 - 10	315 - 12,40	5	24 - 258	223 - 492

Overall dimensions

1C - 2C



3C - 4C - 5C

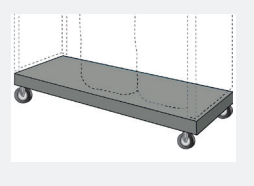


	A mm	B mm	C mm	D mm
ICON 1C	2740	1305	700	1350 - 53,2
ICON 2C	2740	1305	700	1750 - 68,9
ICON 3C	2630	1200	700	2400 - 94,5
ICON 4C	2630	1200	700	3000 - 118,2
ICON 5C	2630	1200	700	3600 - 141,8



Optional

Icon 2C - 3C - 4C



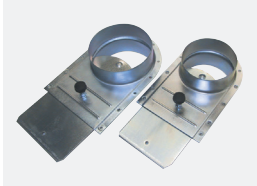
Totally painted carted base

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



Branches

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



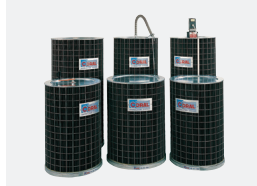
Dampers

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



Flexible hose

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



FIL filtering cartridges



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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