

SDCA activated carbon aspirator

🔗 Sectors [Painting,](#)

🔗 Applications [Fix](#)

🔗 Issues [VOC fumes](#)

COD:

SDCA000000000000



The **SDCA** series activated carbon vacuum cleaner is designed for the extraction and abatement of **VOC/COV fumes and odors** generated by paint touch-ups or other professional operations such as gluing, resin coating or manual cleaning with solvents, so as to limit their spread, while complying with environmental and occupational safety regulations.

Insight

The SDCA version is produced in **6 different models**, all complete with on-board extractor fan, support feet, and three filter stages, with a high-quality virgin vegetable activated carbon final filter.

Construction

- Supporting structure in aluminum profiles, equipped with feet and closing panels in galvanized steel (painted on request)
- Front door for maintenance and replacement of filter cartridges.
- High-performance single-suction centrifugal fan with IE3 400/3/50 electric motor.

Integrated filtration with three filter stages:

Stage 1 dust filter with efficiency EN ISO 16890:2016 GROUP ISO ePM10 50% (ePM1 8% – ePM2.5 17% – ePM10 53%).

Reaction to fire (DIN53438): class F1

Stage 2: 15 mm thick synthetic filter located inside the activated carbon cartridges. Weighted average efficiency (Am): 82%. Weight: 160 g/m². Fire reaction (DIN53438): class F1.

Stage 3 consists of a series of activated carbon cartridges, constructed of concentric cylinders of micro-striated sheet metal and closed at the ends by special galvanized sheet metal caps. The cartridges are filled with mineral-based carbon drawn into 4 mm cylinders, specifically designed for the physical absorption of volatile organic compounds in the gas phase. The cartridges are easy to open for replacement of the spent activated carbon.

Applications

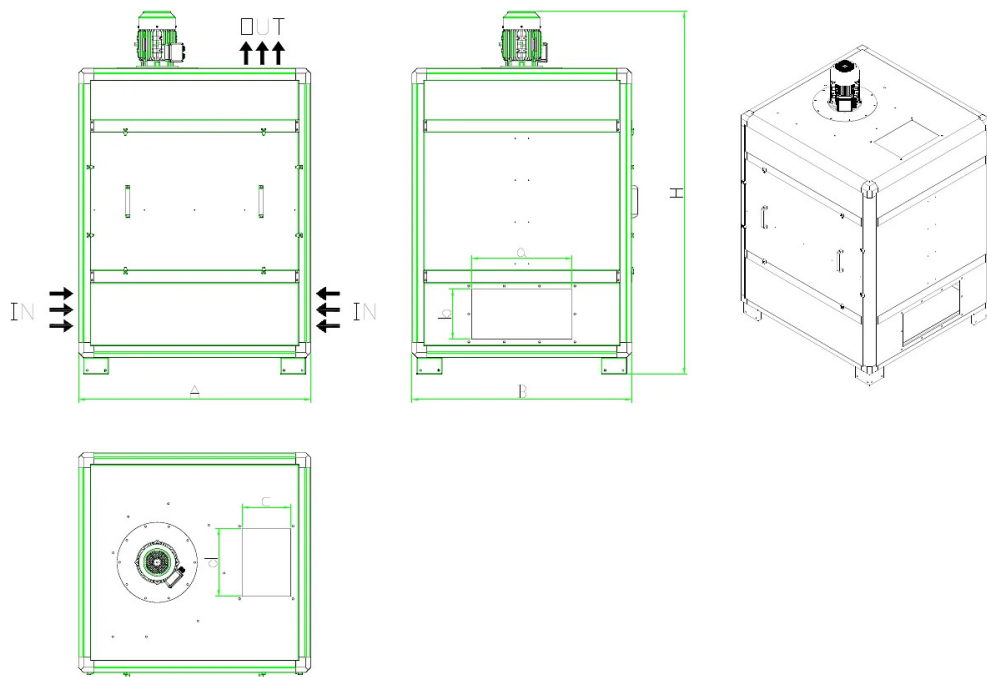
The SDCA series activated carbon extractors, being complete with extractor, can be used to extract fumes from collection systems such as extraction arms or extraction benches, or connected to custom-designed extraction systems with specific collection points.

Accessories and Options

- Activated carbon for specific fumes
- Electrical panel and/or inverter and hour meter
- Painted structure
- AISI structure



Dimensions



Code	A mm	a mm	B mm	b mm	c mm	d mm	H mm
SDCA28000000000	800	250	450	120	250	120	1450
SDCA56000000000	800	450	800	150	325	230	1710
SDCA84000000000	1390	600	925	300	360	260	2250
SDCA11200000000	1390	600	1315	300	290	405	2250
SDCA16800000000	2000	1200	1315	300	640	290	2250
SDCA22400000000	2000	1200	1910	300	640	450	2250



Technical Data

Code	Power kW	Nominal flow rate m ³ / h	Useful pressure Pa	Coal kg
SDCA28000000000	1,1	1100	900	28
SDCA56000000000	2,2	2200	1000	56
SDCA84000000000	3	3300	900	84
SDCA11200000000	4	4400	700	112
SDCA16800000000	5,5	6600	650	168
SDCA22400000000	7,5	8800	1000	224



Related spare parts



CA25 bag with 25 kg virgin granular activated carbon

Bag containing **25 kg** of new, unregenerated, mineral-dusted **granular activated carbon in cylinders**, selected for the purification of air from volatile organic solvents, VOCs or deodorisation.



Related Products



SDC activated carbon module

SDC00000000000000

The **SDC series** activated carbon module is designed for abatement of **VOC/COV fumes and odors** generated by professional operations such as painting, gluing, resin coating or manual solvent cleaning, so as to limit their spread, in compliance with environmental and occupational safety regulations.



SAPC activated carbon filter module

SAPC00000000000000

The **SAPC series** activated carbon filter module is to be used for abatement of odors and organic compounds in extraction systems, such as in industrial kitchens, air treatment plants and for deodorization in general.

