SOURCE CAPTURE MADE PORTABLE

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US

Smokart DF

Portable source-capture extraction unit for welding and light grinding





SMOKART DF

Smokart **DF/G 1.5**

CORAL

Innovative Air Solutions
For a cleaner future.

Design

Wheeled extraction unit with a compact suction work surface, designed for air filtration during welding operations and occasional light grinding (DF/G) of small parts. Source capture maximizes operator protection and system efficiency by capturing fumes and dust directly at the point of generation, before they can spread into the work environment. Compact, easy to move, and quick to position, it is ideal for flexible workstations and occasional use.

Smokart DF

1 Model

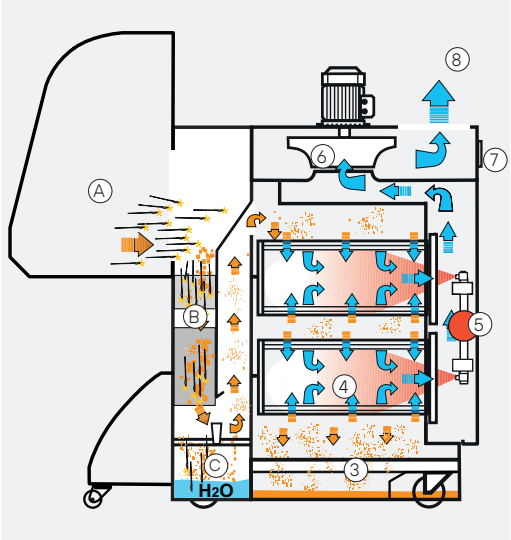
Technical features

Technical features		Model Smokart DF/G 1.5
Power	HP	1.5
Nominal airflow	CFM	1109
N° Cartridges		2 x Ø12.8" H 15.8"
Filtering surface	sq ft	10.8
IFA/BGIA rating		POLYESTER
Bin dust holding capacity	gal	5.3+7.4
R.P.M		3420
Voltage	V Hz	120 60

Principle of operation

The machine is designed to extract and filter welding fumes and metal grinding dust generated by mechanical industry processes. SMOKART is a compact, mobile extraction unit intended for occasional welding and light, intermittent grinding of small parts.

Smokart DF/G



POLLUTED AIR FILTERED AIR

1. Polluted air inlet
2. Pre-separation chamber
3. Collection bins
4. Filter cartridges
5. Compressed air tank
6. Fan
7. Filtered air outlet
8. Pressure gauge

Start/Stop switch

Single-phase plug

A. Polluted air inlet with sparks
B. Spark trap
C. Water stainless steel sparks extinguishing tank with level control

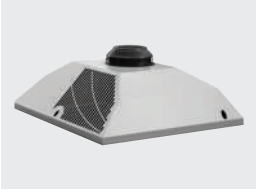
Optional

DF/G



Filter cartridge
M PES TF
M PES/AX/EXAM ACCREDITED
M PES +PTFE/MEMBRANE-H

DF/G



Soundproof plenum

DF/G



Plenum with actived carbon filter

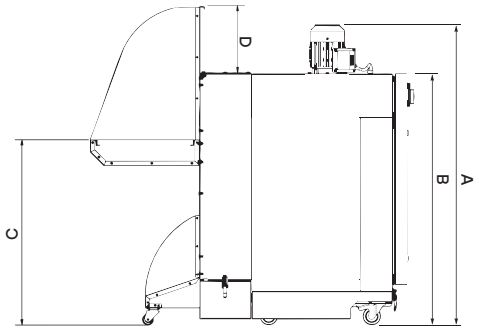
DF/G

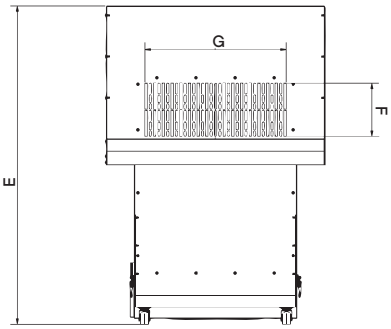


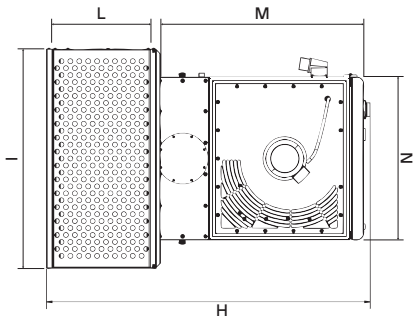
Plenum with absolute HEPA filter

Overall dimensions

Smokart DF/G







MODEL	DIMENSIONS (in)											
	A	B	C	D	E	F	G	H	I	L	M	N
Smokart **DF/G 1.5**	55.9	45.5	33.6	12.2	57.8	9.6	2.6	58.7	39.6	17.7	37.6	29.5

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



Coral USA

Coral USA provides innovative fume extraction and dust collection solutions for industrial applications.
With decades of experience, Coral combines technical expertise, reliable performance, and a strong commitment to helping you maintain a safer, cleaner, and more productive workplace.

Based in Texas, we're ready to support your business with advanced solutions, responsive service, and ready-to-ship inventory.

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