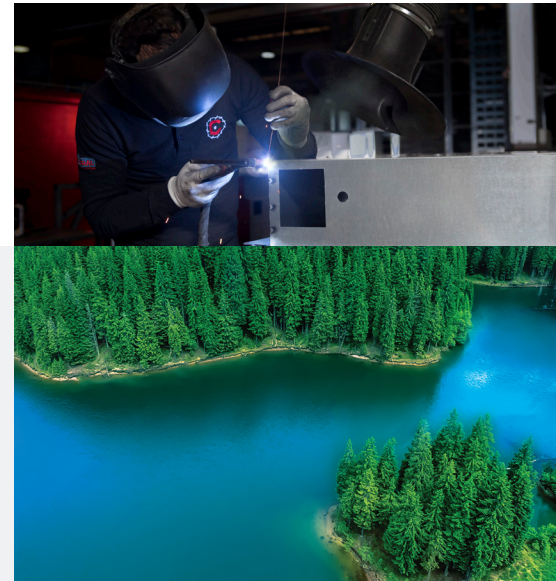


CleanGo

Filtering extraction mobile unit for welding fumes



CleanGo

CleanGo
CleanGo **W3**
CleanGo **Wall**
CleanGo **Bench**



Innovative Air Solutions
For a cleaner future.

Design

The CleanGO range of mobile extractors offers ultra-compact and highly manoeuvrable filters, ideal for occasional use in environments with low concentrations of welding fumes, typical of machining operations in the mechanical industry. It is supplied complete of extraction arm from our Dynaflex range.

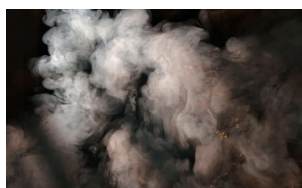
CleanGo

4 Models

Highlights

- Our standard carted unit is equipped with 2 or 3 metres Dynaflex flexible arm.
- **Extremely easy to position it.**
- Highly precise filter monitoring by hour meter.
- Plug & Play' solution, no installation required.

Applications



Welding fumes

Soluzioni per l'aria pulita



The powerful suction ensures effective extraction of harmful welding fumes, while preventing the suction of technical gases and the cooling of welds, thus preventing dangerous metal shrinkage. The CleanGo Wall filter unit, as a wall-mounted version, is connected to an extension and a Dynaflex extraction arm. This system is designed to be used in working environments.

Filtration technology



IFA-BGIA: Institute for Working Safety and Health (Bonn - Germany)
AGW: Working Exposure Limit Value (Arbeitsplatzgrenzwerte)

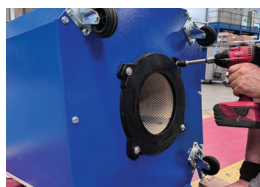
DESCRIPTION AND PURPOSE

The purpose of the IFA-BGIA institute is to ensure the safety of workers in the workplace. Filter materials are analysed by establishing the use of classes L, M, H. BIA has also established an exposure limit value (AGW) above which worker safety is no longer guaranteed. The exposure limit value to a pollutant is the concentration in the air that a person can breathe during a limited period of 15 minutes without immediate toxic effects. The IFA-BGIA test is carried out using the following parameters:

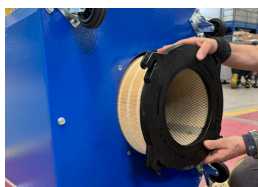
- Passage velocity of 0.056 m/s
- Quartz dust concentration $200 \pm 20 \text{ mg/m}^3$
- Variable particle size between 0.2 and 2 microns

CLASS OF USE	CONCENTRATION	MAXIMUM AUTHORISED RELEASE
M	Filtering out dust with AGW values $\geq 0,1 \text{ mg/m}^3$	>99,9%

maintenance



CleanGo and CleanGo Bench Version



CleanGo W3 Version

Maintenance of the machine is limited to the replacement of filters, an operation that requires a short time and non-specialised staff

Filter Media

MEDIA	MATERIALS	m ²	g/m ²	STANDARD	OPTIONAL
M-CEL	CELLULOSE 6066	12	213	■	
M PES/ FR	POLIESTERE/ FIAMMA RITARDANTE	7	270		■
M-PES+PTFE/Membrane-H	POLYESTER/TEFLON MEMBRANE/ FABRIC WITH H13 FILTRATION EFFICIENCY	12	270		■
Cartridges wiith activated charcoal to be inserted to the cellulose cartridges M-CEL			2,5 Kg		■
Cartridge with activated carbon and polyester prefilter COL 500A to be inserted in place of the M CEL cartridge			10 Kg		■



M CEL



M-PES/FR
M-PES+PTFE/Membrane-H



2.5 KG activated carbons to be inserted in the cellulose cartridge

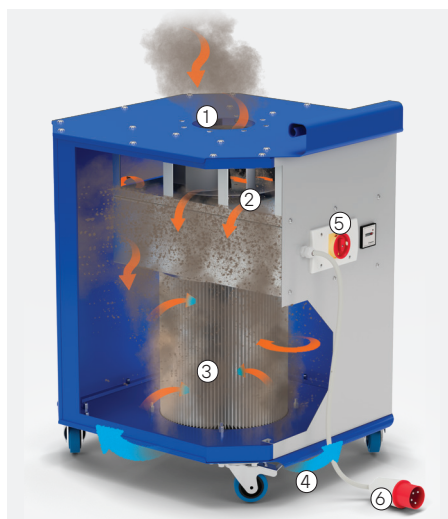


Activated carbon cartridge to be inserted in place of the cellulose cartridge.
Carbon weight: 10 kgs

Principle of operation

The polluted air, extracted by the fully articulated, extendable, 360° rotating, arm, is conveyed into the settling chamber, where the heavier particles are deposited. At the same time, the finer particles hanging in the air are captured and retained by the high-efficiency filter and, as a final step (optional), purified through activated charcoal filters. The latter help to reduce the smell of the fumes. At the end of the process, the purified air is returned to the environment from the lower part of the machine. In the CleanGo Banco system, the air is extracted through the worktop and front wall and it is pulled downwards. From there, it is conveyed inside the machine body. The air containing dust is filtered by the high-efficiency filter, which retains the particles, while the purified air is released from the lower part of the machine.

CleanGo



- ① Dusty air inlet
- ② Fan
- ③ Filter cartridges
- ④ Filtered air outlet
- ⑤ Hour counter
- ⑥ Pentapolar socket

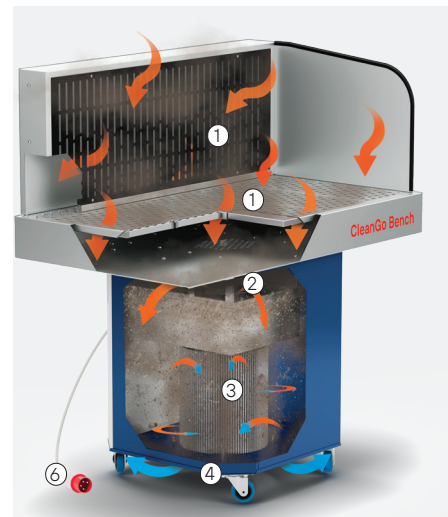
CleanGo W3



CleanGo Wall



CleanGo Bench



Production range



CleanGo

Carted filtering unit for welding fumes, equipped with a Dynaflex arm or as an optional with our Evolution No Smoke suction. It is compact, manoeuvrable and robust.

Cartridges (nr)	Power (kW)
1	1,1



CleanGo W3

Filter cartridge unit for welding fumes containing CMR (carcinogenic mutagenic reprotoxic substances) made of high-alloy steel with a nickel and chromium content >5% and fulfils requirements of class W3 regulated by UNI EN ISO 21904-1. Equipped with a Dynaflex suction arm.

Cartridges (nr)	Power (kW)
1	1,1



CleanGo Wall

Wall-mounted filter unit, equipped with a Dynaflex arm or as an optional with our Evolution No Smoke suction arm. It is compact, handy and sturdy.

Cartridges (nr)	Power (kW)
1	1,1



CleanGo Bench

A carted unit with suction and filtering bench, designed to extract and filter welding fumes during occasional mechanical work. It is compact, durable and easy to use.

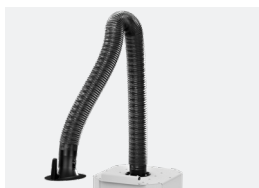
Cartridges (nr)	Power (kW)
1	1,1

Technical features

Technical features		Model CleanGo			
		CleanGo	W3	Wall	CleanGo Bench
Power	kW	1,1	1,1	1,1	1,1
Nominal air flow	m³/h	1400	1300	1400	850
Air flow capacity at arm Ø160	m³/h	1000	1100	1000	
Number of Arms Dynaflex	mm 3 mt	1 x Ø160	1 x Ø160	1 x Ø160	1 x Ø160
Number of cartridges	Ø325mm H 400mm	1	1	1	1
Filtering Surface	m²	12	12	12	12
Cartridge classification		CELLULOSE			
R.P.M.		2846	2846	2846	2846
STD power supply	V	230/400	230/400	230/400	230/400
	Hz	50	50	50	50
Noise level	dB	72	73	72	73
Total weight	kg	80	80	80	80

Standard Components

CleanGo | W3 | Wall



Dynaflex suction arm 3 m ø160

CleanGo | W3 | Bench



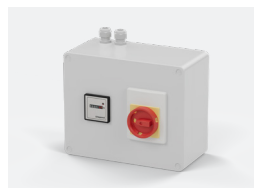
ON/OFF switch

CleanGo | Bench



Hour counter

CleanGo Wall

ON/OFF switch and
hour meter

Options

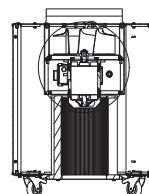
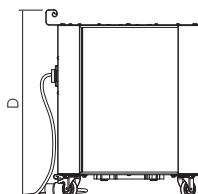
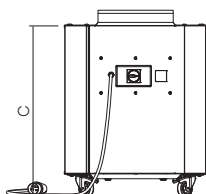
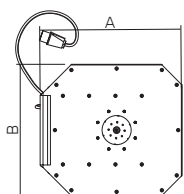
CleanGo | W3 | Wall



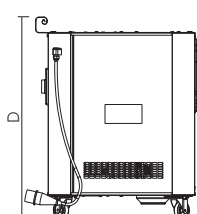
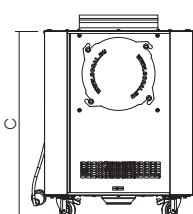
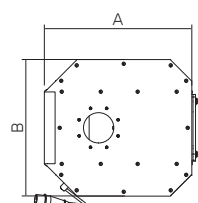
Evolution NO Smoke 3 mt ø160

Overall dimensions

CleanGo

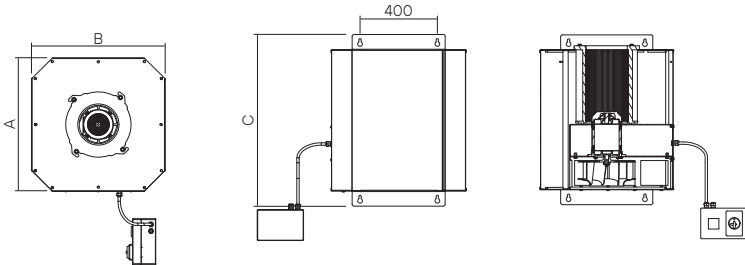


CleanGo W3

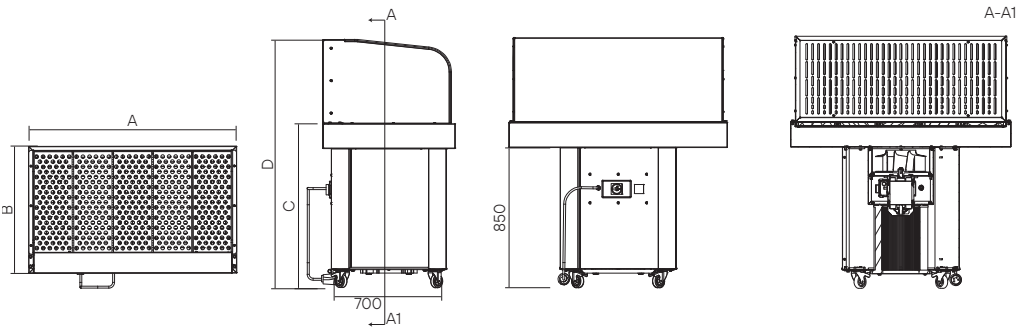


Overall dimensions

CleanGo Wall



CleanGo Bench



MODEL	DIMENSIONS (mm)			
	A	B	C	D
CleanGo	760	700	843	916
CleanGo W3	777	700	883	955
CleanGo Wall	700	700	812	-
CleanGo Bench	1305	800	992	1500

Packaging information



MODEL	DIMENSIONS (mm) AxBxH	WEIGHT (kg)
CleanGo	750 x 850 x 1050	90
CleanGo W3	750 x 800 x 1250	95
CleanGo Wall	800 x 800 x 1000	90
CleanGo Bench	1400 x 950 x 1650	170
Dynaflex arm + hood	200 x 200 x 1350 + 350 x 400 x 400	14,50
Evolution arm + hood	350 x 580 x 1650 + 350 x 400 x 400	40

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.

ITALIA

MILANO
TORINO
VICENZA
BOLOGNA

p.: +39 02 95.30.1003
p.: +39 011 99.80.141
p.: +39 0444 34.93.98
p.: +39 051 69.26.335

FRANCE

LYON
PARIS
POITIERS

p.: +33 4 74 944 562
p.: +33 1 60 868 069
p.: +33 5 49 379 596

GERMANY

LEVERKUSEN

p.: +49 214 312 663 20

UNITED KINGDOM

LITTLEBOROUGH ROCHDALE

p.: +44 1706 377344

MIDDLE EAST

DUBAI UAE

p.: +971 56 1028130

INDIA

BANGALORE

p.: +91 734 888 2333 - 2777

SINGAPORE

SINGAPORE

p.: +65 88338991

U.S.A.

KYLE, TX

p.: +1 480 796 5352



CORAL s.p.a.

Corso Europa, 597 10088

Volpiano (Torino) ITALY

p.: +39 011 98.22.000

e.: info@coral.eu

coral.eu



For a cleaner future