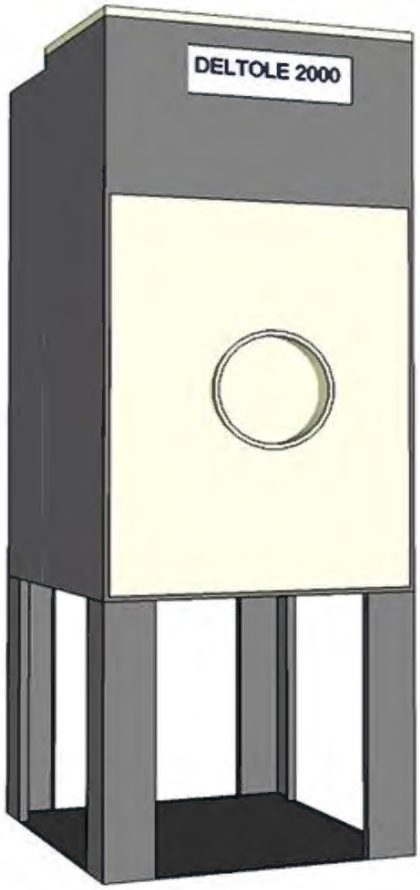
ALL INDUSTRIES

Name		Type	Applications
	**DELTOLE®**	Oil mist collector	Oil mist filtration, metal, aerospace, automotive
	**FILTRACLEAN® ECO**	Static filter	All types of dust except CMR particles
	**FILTRACLEAN® S**	Static filter	All sectors, but especially nuclear, pharmaceutical and food
	**OILPACK®**	Oil mist collector	Oil mist filtration, metal, aerospace, automotive
	**DOWNDRAUGHT TABLE**	Ventilated workstation	All types of dust: plastic, aluminium, carbon, composite glass, etc.

DELTOLE®

OIL MIST COLLECTOR



FOR :

- Air purifying at work place
- Minimize fire risk hazards
- Reduce falling risks for the operator (slippery floor)
- Release a clean and purified air in the atmosphere

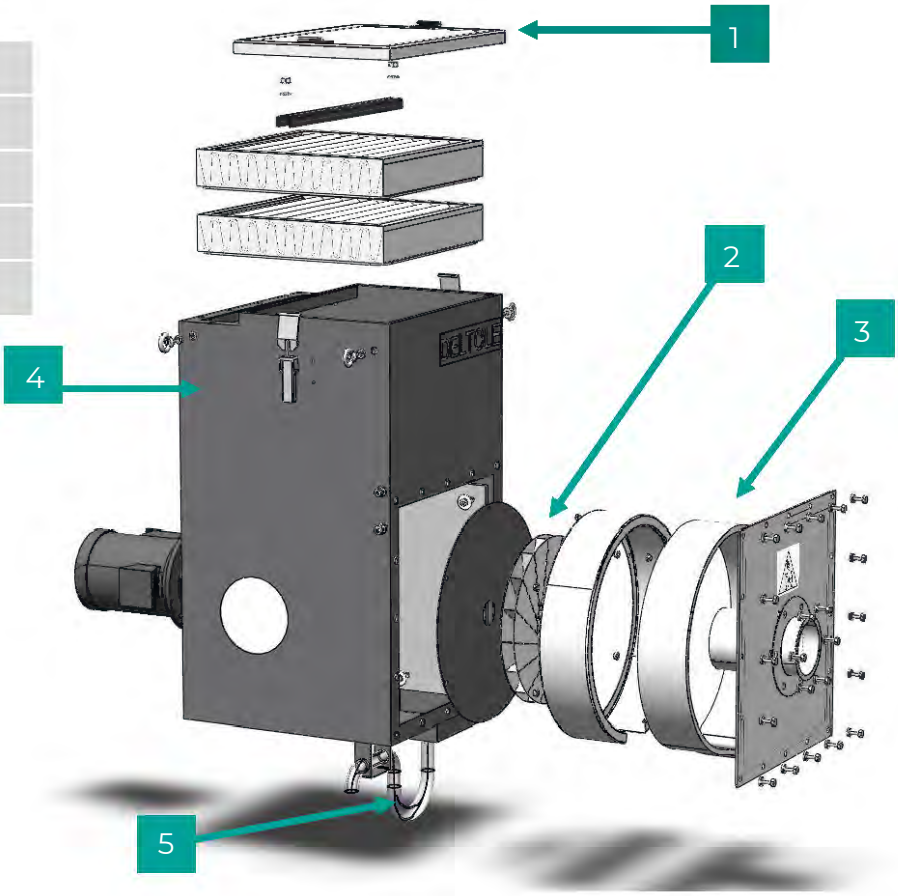
OPERATING PRINCIPLE

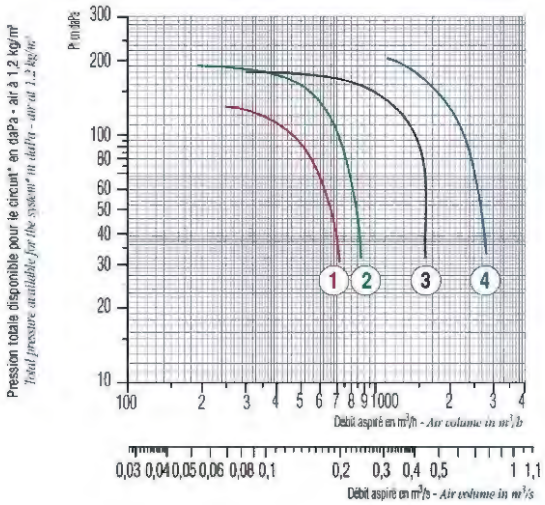
- The oil mist is separated by the fan impellor or by a cyclone system which allows the majority of oil particles to coalesce.
- The inertia force ensures that the droplets formed in this way are retaine and then migrate to the collection tank through a wire knit filter.
- The diffusion forces with « Brownien » motion deal with the very fine particles by means of a high efficiency filter used as an option.
- The oil is then collected in the lower tank and evacuated thanks to a non-return valve.
- The clean air is then exhausted at the top

CHARACTERISTICS

- Mechanical separation
- Operate with both pure oil and water-soluble oil
- Oil collected by the filter is evacuated by a siphon
- Wall, console or ceiling mounted
- Air recirculation in some cases
- Silent equipment

1	Filter access cover
2	Impeller
3	Metal lattice
4	One-piece chamber
5	Siphon





RANGE

Model	Curve nr	Air volume m³/h	Motor			Sound level dB(A)	Sound level at 3 m dB(A)	Weight kg
			Power kW	Speed rpm	Voltage V			
500	1	500	0.75	2900	3 x 230 x400	80	57	60
1000	2	800	1,5	2900	3 x 230 x400	82	58	90
	3	1300	2,2	2900	3 x 230 x400	82	58	90
2000	4	2000	2,2	2900	3 x 230 x400	82	57	140

DUST
EXTRACTION

FILTRACLEAN® ECO

FILTRATION CASING FOR NON CMR PARTICLES

Designed to complete a dust removal solution. Suitable for dirty environment < to 10 mg/m³

Filtration casing dedicated to all industrial.

+ 3 filtration stages provide filtration of non CMR particles (Carcinogenic-Mutagenic-Reprotoxic) :
  + A first class M6 stage
  + A second class F8 stage
  + And a thrid class E11 absolute filtration stage.
+ In some cases to reintroduce clean air inside premises..
+ Absolute filtration ≥ 95 % for size particles between 0,1 and 0,2 µm
+ Other filter class (G4 to E12) or charcoal filter in option.

OPERATING PRINCIPLE

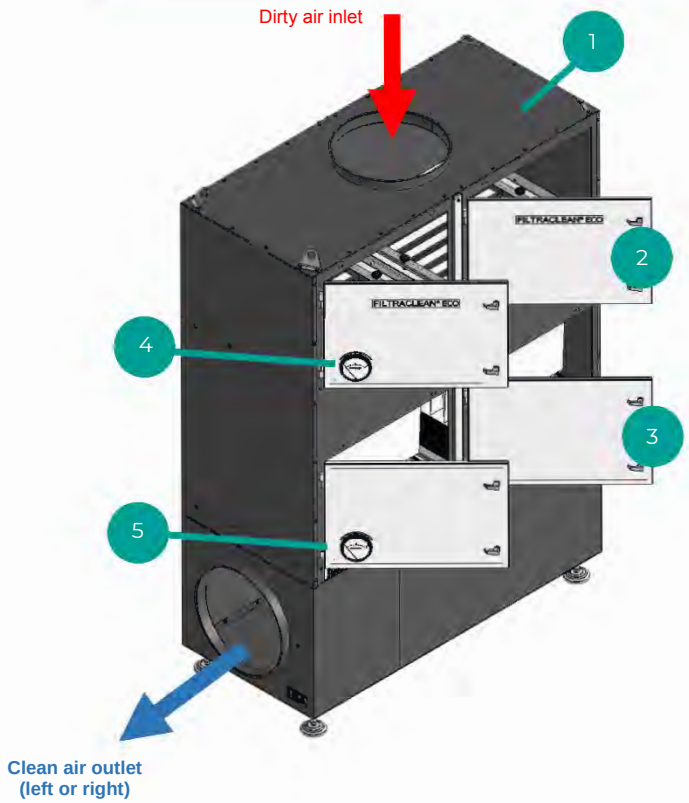
The air loaded with dust enters the front side of the **FILTRACLEAN® ECO.**
The dust air passes successively through a first filtration stage (class M) and then a second absolute filtration (class E) for a **high efficiency filtration**
Negative pressure is applied to the whole assembly by a centrifugal fan (not supplied).

3 FILTRATION STAGES

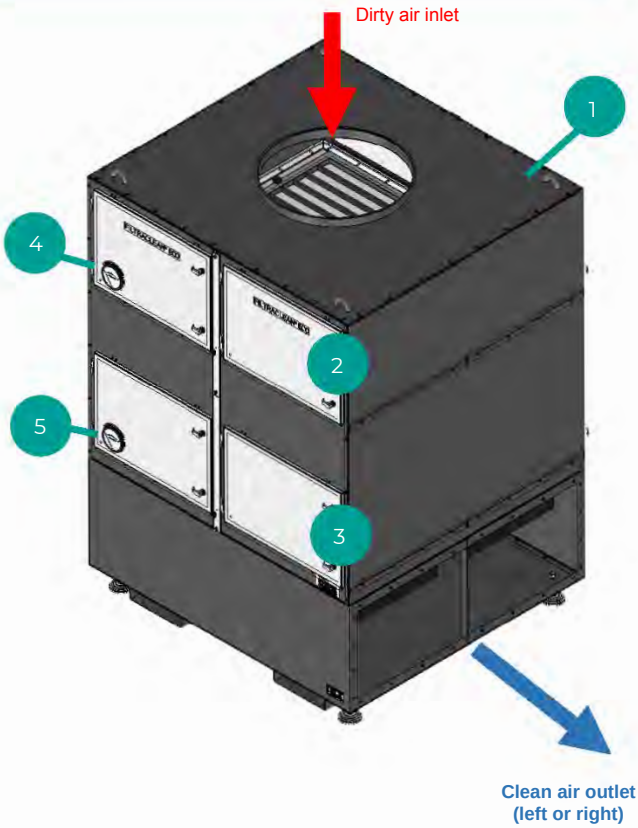
Pocket filter designed to ensure collection of as much dust as possible (M6)

Second and third high efficiency filtration stages (F8 and E11)

FILTRACLEAN® ECO. MODELS 40V to 120V



FILTRACLEAN® ECO. MODELS 160V to 320V



1	Chamber
2	Access door 1st stage filter
3	Access door 2nd stage filter
4	Pressure drop 1st stage filter
5	Pressure drop 2nd stage filter

RANGE

Model	Nominal air flow (m3/h)	Dimensions H X L X P (mm)	Weight kg (with filter)	Dirty air inlet (mm)	Clean air outlet (mm)
FILTRACLEAN® ECO 40V	4 000	2 021 x 770 x 752	155	Ø 300	Ø 300
FILTRACLEAN® ECO 40H	4 000	817 x 1 907 x 752	152	Ø 300	Ø 300
FILTRACLEAN® ECO 80V	8 000	2 253 x 1 536 x 752	280	Ø 450	Ø 450
FILTRACLEAN® ECO 120V	12 000	2 350 x 2 302 x 752	480	Ø 550	Ø 550
FILTRACLEAN® ECO 160V	16 000	2 187 x 1 536 x 1 496	500	Ø 650	1 300 x 450
FILTRACLEAN® ECO 240V	24 000	2 303 x 2 302 x 1 496	710	Ø 750	1 300 x 550
FILTRACLEAN® ECO 320V	32 000	2 303 x 3 068 x 1 496	900	Ø 900	1 300 x 550

DUST
EXTRACTION

FILTRACLEAN® S

ABSOLUTE FILTRATION CASING

To protect people and their natural environment against the spreading of fine and dangerous particles

+ The **FILTRACLEAN®** S is a filtration casing intended for all industrial sectors, especially the nuclear, pharmaceutical and food processing sectors
+ **Two filtration stages** provide **absolute filtration** of Carcinogenic-Mutagenic-Reprotoxic (CMR) particles : a first class F8 stage and a second class H13 or THE polydihedron absolute filtration stage

FILTER CLASS		
	NF EN 779 Standard	
	Average synthetic dust arrest	
	G1 < 65 %	Large particles
	G2 < 80 %	
	G3 < 90 %	
	G4 > 90 %	
	Average efficiency: particles of 0.4 µm	
	M5 < 60 %	Average particles
	M6 < 80 %	
	F7 < 90 %	Fine particles
1st Stage →	F8 < 95 %	
	F9 < 95 %	

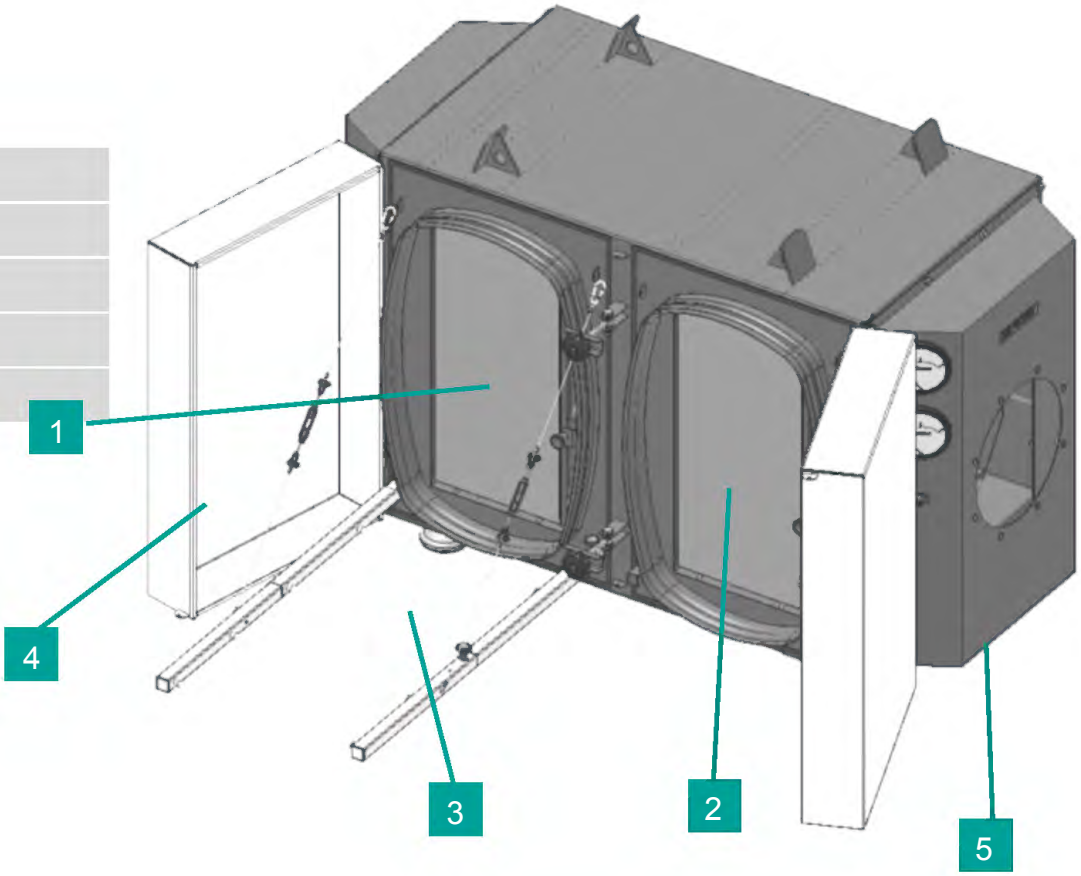
NF EN 1822 Standard	
Cleaning efficiency	
E10 > 85 %	
E11 > 95 %	
E12 > 99,5 %	
2nd Stage → H13 > 99,95 %	
H14 > 99,995 %	
U15 > 99,9995 %	

OPERATING PRINCIPLE

+ The dust air enters the lateral side (left or right) of the **FILTRACLEAN® S**.
+ The air inlet is fitted with a deflector to prevent the dust from being projected directly onto the filter and to spread the dirty air over the entire width of the casing.
+ The dust air passes successively through a first filtration stage (class F8) and then a second absolute filtration (class H13 or THE polydihedron) .
+ Negative pressure is applied to the whole assembly a centrifugal fan (not supplied).

BAG-IN BAG-OUT SYSTEM

1	F8 filter
2	Absolute filter
3	Handling tablet
4	Filter access door
5	Pressure switch



CHARACTERISTICS

RANGE	Nominal flowrate m^3/h	Nber of modules	Length mm	width mm	Heigth mm	weight kg
S 34	3 400	1	1 423	802	1 034	240
S 68 H	6 800	2	1 423	1 603	1 034	480
S 68 V	6 800	2	1 423	802	1 864	480
S 102	10 200	3	1 423	802	2 694	800
S 136	13 600	4	1 423	1 603	1 864	960
S 204	20 400	6	1 423	1 603	2 694	1 440

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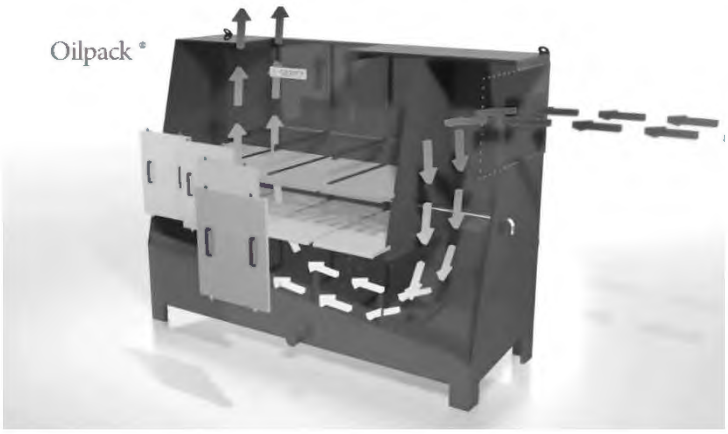
FILTRATION

OILPACK®

OIL MIST FILTRATION

Dedicated to :

- Clean air at operator workplace
- Reducing the risk of fire
- Reduce the risk of operator falling (slippery ground)
- Release a clean and pure air into the atmosphere



OPERATING PRINCIPLE

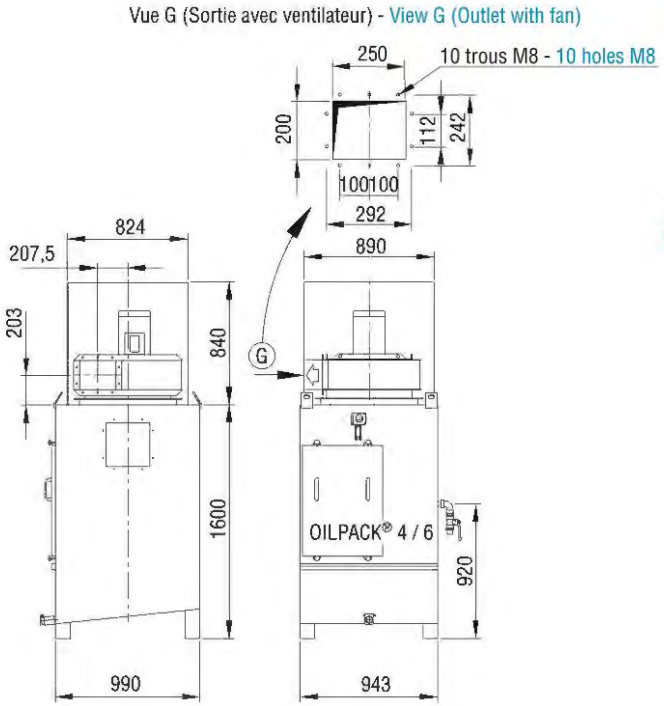
- The air is directed downwards by an inlet deflector, and then it ascends into a 1 or 2 stage metalknit mesh filter, where the oil mist particles agglomerate.
- A drain valve is provided in the base of the hopper to allow the draining of the recovered oil.
- The clean air is top discharged.

CHARACTERISTICS

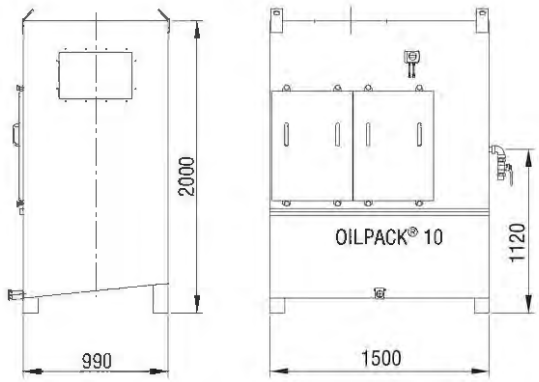
- Easy access to filter (access door)
- Manometer to follow pressure drop level
- Automatic wahsing system to clean the first stage (option)
- A third stage of filtration (option)

DIMENSIONS

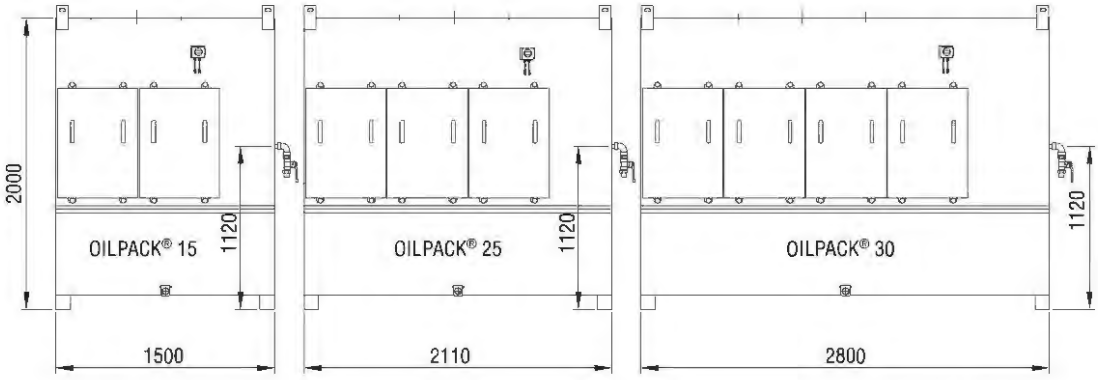
ENCOMBREMENT OILPACK® 4 ET 6 AVEC VENTILATEUR
DIMENSIONS OILPACK® 4 AND 6 WITH FAN

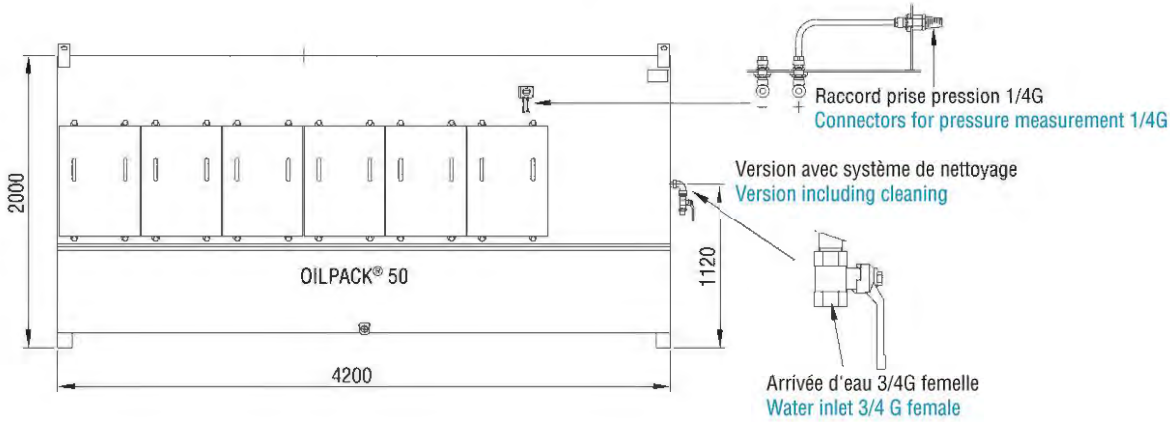


ENCOMBREMENT OILPACK® 10 SANS VENTILATEUR
DIMENSIONS OILPACK® 10 WITHOUT FAN



ENCOMBREMENT OILPACK® 10 À 50 SANS VENTILATEUR
DIMENSIONS OILPACK® 10 TO 50 WITHOUT FAN





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FINE PARTICLES
FILTRATION

VENTILATED WORKSTATION

DOWNDRAUGHT TABLE

- + Ensure a clean and protected working environment
- + Operatives safety
- + In conformity with applicable regulations
- + Facilitates air recirculation within the workspace in the case of non-CMR dusts (*)
- + Energy savings
- + Three levels of filtration for optimum results

SUITABLE DUST TYPES

- plastic
- aluminium
- carbon
- composite
- glass
- and more

EXAMPLE OF APPLICATIONS

- + Precision-grinding and fitting parts
- + Cleaning small parts
- + Manual sanding
- + Dust control at finishing work
- + Dust control at small weighing work
- + Dust control at mixing stations
- + Retouching paintwork
- + Extracting pollutants (polish, varnish, etc.)
- + and more

EN 779 STANDARD

Average efficiency of synthetic dust		WIRE MESH FILTER	Average efficiency with 0.4 µm particles		PLEATED MEDIA FILTER
G1 < 65 %	Large particles		M5 < 60 % (*)	Medium-sized particles	
G2 < 80 %			M 6 < 80 %		
G3 < 90 % (*)			F7 < 90 %	Small particles	
G4 < 90 %			F8 < 95 %		
			F9 < 95 %		

EN 1822 STANDARD

Purification efficiency	MINI PLEAT FILTER (*)	Purification efficiency	MINI PLEAT FILTER (*)
E10 > 85 %		H14 > 99,995 %	
E11 > 95 % (*)		U15 > 99,9995 %	
E12 > 99,5 %		U16 > 99,99995 %	
H13 > 99,95 %		U17 > 99,999995 %	

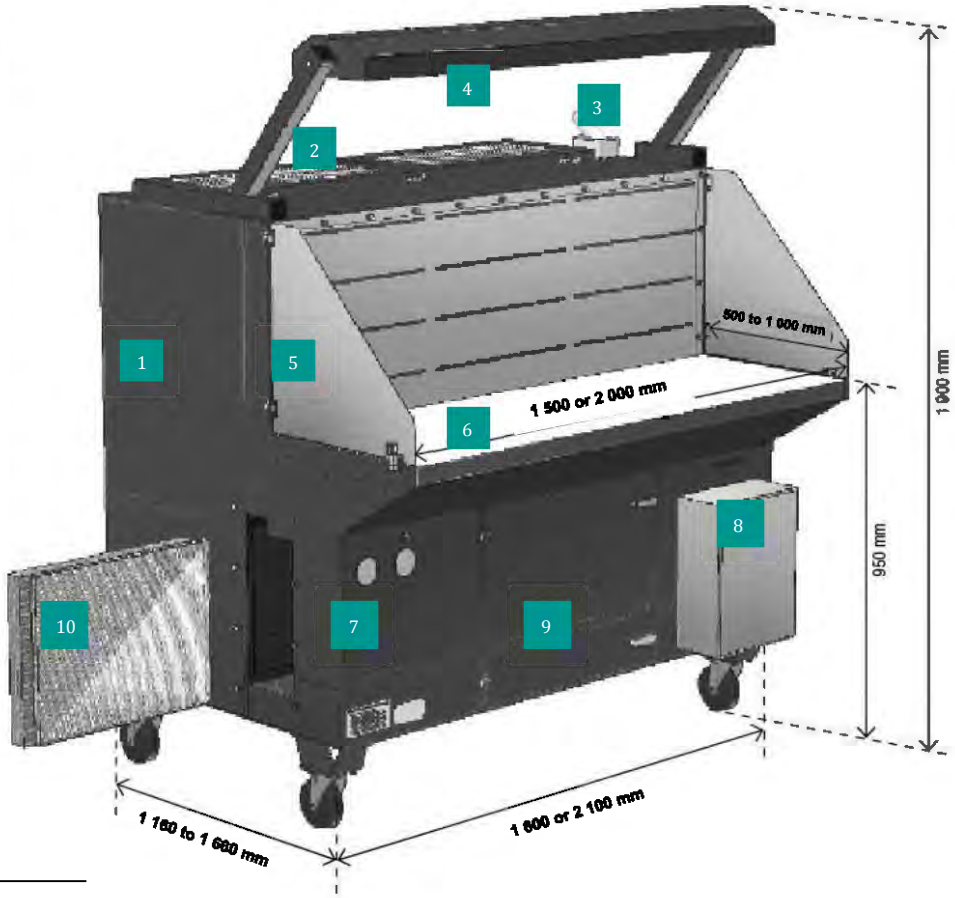
(*) : Provided all the pollutants released are known

SAFETY

- + Suction speeds comply with the recommendations of INRS (French office for health and safety)
- + Level of filter contamination monitored by 2 pressure gauges
- + Easy to maintain

DESCRIPTION

1	Fans
2	E11 finishing filters (or activated carbon filters - optional)
3	Power socket
4	Adjustable lighting strip
5	Articulated side panels
6	Non-scratching work surface
7	Pressure gauges
8	Electrical control cabinet
9	Particle recovery units
10	G3 + M5 pre-filters



CHARACTERISTICS

+ Treated air circulation: 2 700 m3/h to 6 300 m3/h
+ 2 x 1.27 kW fans
+ Fully mobile (swivel castors)
+ 2 x pressure gauges
+ Lateral access covers to the G3/M5 filters
+ Noise level at 1 m: 68 dB(A) ± 2 dB (in accordance with EN ISO 3746)
+ Plug and play: requires a simple single-phase power supply (230 V – 16 A)

OPTIONS

+ Vice holders
+ 2 x pressure sensors with warning lights to indicate when the filters are contaminated
+ Activated carbon finishing filters
+ Translucent side panels

RANGE

MODEL	OVERALL DIMENSIONS (mm)			WEIGHT (kg)
	Length	Width	Height	
1 500 x 500	1 160	1 600	1 900	340
1 500 x 600	1 260	1 600	1 900	350
1 500 x 700	1 360	1 600	1 900	360
1 500 x 800	1 460	1 600	1 900	370
1 500 x 900	1 560	1 600	1 900	380
1 500 x 1 000	1 660	1 600	1 900	390
2 000 x 500	1 160	2 100	1 900	410
2 000 x 600	1 260	2 100	1 900	420
2 000 x 700	1 360	2 100	1 900	430
2 000 x 800	1 460	2 100	1 900	440
2 000 x 900	1 560	2 100	1 900	450
2 000 x 1 000	1 660	2 100	1 900	460

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