



Pascal-M

The new Pascal M filter series are designed for the filtration of dusts and smokes deriving from many machining processes.

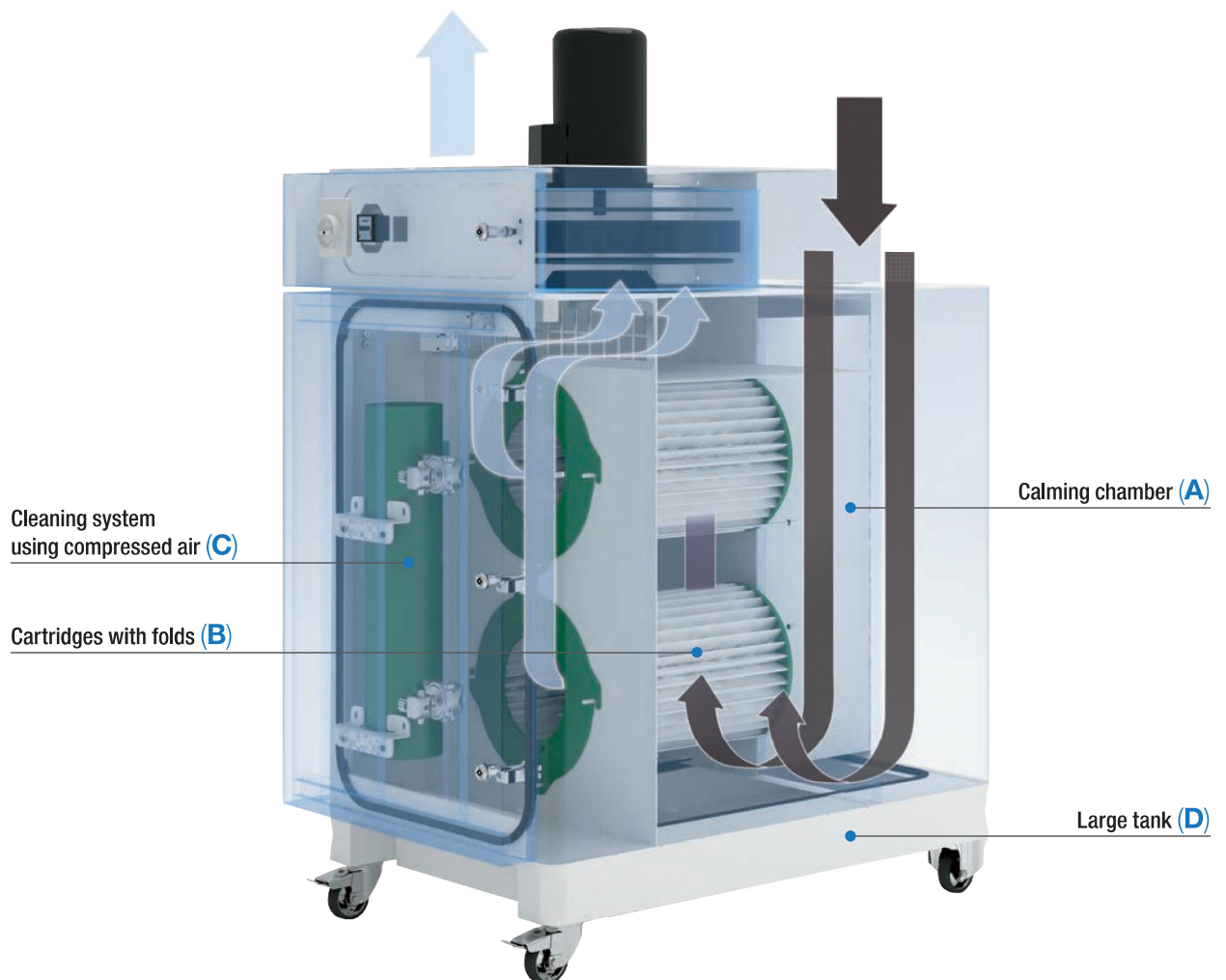
The filtration module has specially been conceived for the industrial sector, where important features lie in its sturdiness, reliability and easiness of conduction and maintenance.

It is available in 2 sizes with flow rates of 1,500 and 2,500 mc/h with increasing filtration rates to reach 99,97%.



LOSMA grants that every single system is tested through strict control procedures. Every unit is provided with a qualitative and functional test certificate.

Working principles



- 1** The air entry section, which connects the piping or the suction arm (optional), consists in a large section which serves as a calming chamber (A).
- 2** The following area consists of a chamber which houses the filter elements, cartridge with folds (B) with a high filtration surface, with F9 efficiency of 95%, withholding the finer impurities.
- 3** These cartridges are kept in perfect conditions from a cleaning system (optional) using compressed air (C), consisting in a Timer which manage the opening of the electro-valves positioned on the storage reservoir and the cleaning cycles.
- 4** The horizontal positioning of cartridges allows a fast access and a quick maintenance, access to the filtration chamber is possible through a hinged door. Filter removal is easy, quick and clean, because the dirty chamber is separated from the clean section by a panel which also serves as a support structure for the filter elements. Dusts are collected in a collection tank (D), which can easily be removed and emptied. The filtration group is equipped with a trolley in order to be moved into the workshop.

Plus



VERSATILITY AND MANEUVERABILITY

Pascal-M is available in two versions with different flow rates and can be equipped with different post-filtration accessories and an articulated arm. It is mounted on a trolley allowing an easy transport.



LONG LASTING FILTERS

The wide filtration surface used and the automatic cleaning system (optional) grants long lasting filters and saving for spare parts and maintenance management.



GREAT SUCTION POWER

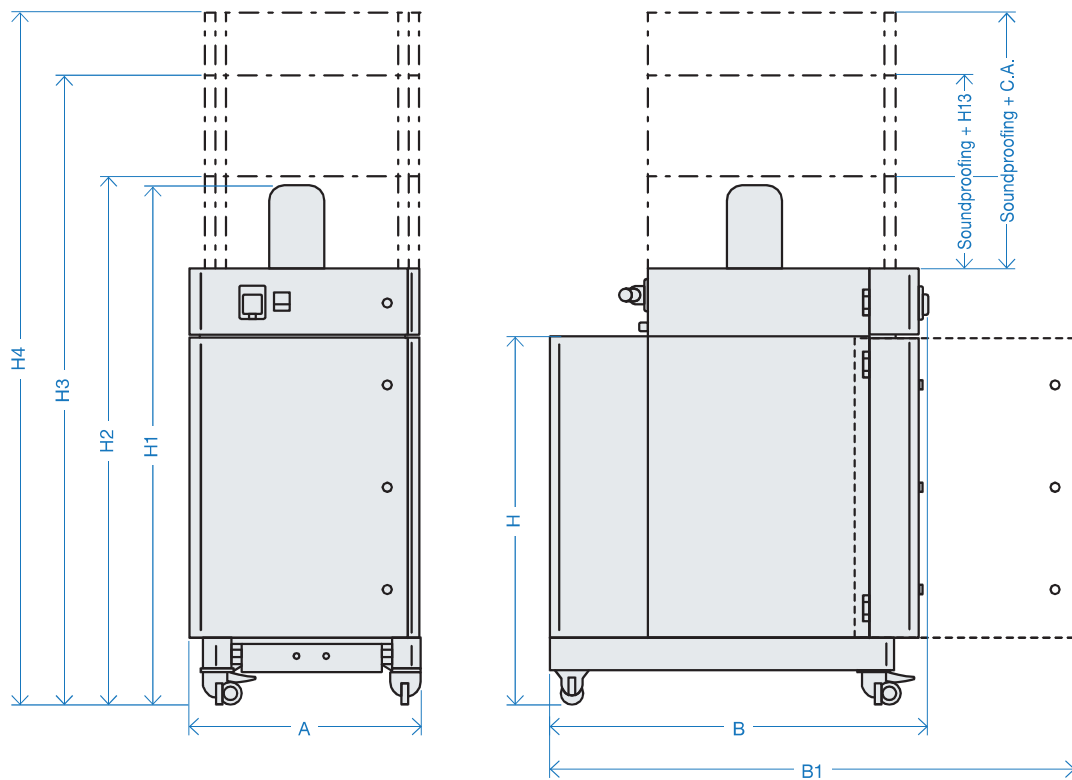
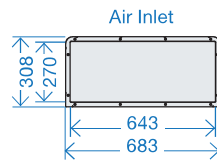
The use of high efficiency centrifugal fans allows Pascal-M to generate great suction powers with reduced energy consumption.



FAST AND EASY MAINTENANCE

Access to the filtration section is very easy and quick, without having to unscrew or disassemble anything. Simply unlock and open the hinged door to access the filters, which can easily be extracted and replaced in a short time.

Technical data



MODELS	Dimensions (mm)							Open door dimensions	Weight kg
	A	B	H	H1	H2	H3	H4	B1	
PASCAL 1500 M	800	1200	1200	1650	1700	2030	2250	1655	210
PASCAL 2500 M	800	1200	1200	1700	1750	2030	2250	1655	225

MODELS	Max air flow (m ³ /h)	Head (mm H ₂ O)	Power (kW)	Cartridge number	Filtration surface (m ²)	Noise level (dBa)**	RPM (rpm)		Tank capacity liter	Kg activated carbons total	N. cartridges activated carbons
	50 (Hz) / 60 (Hz)	50 (Hz) / 60 (Hz)	50 (Hz)				60 (Hz)				
PASCAL 1500 M	1500	123	1.1	1	10	<80	2840	3410	30	32	2
PASCAL 2500 M	2500	101	1.5	2	20	<80	2840	3410	30	32	2

** With soundproof box

Optional

Absolute filter H13

To obtain a very high filtration level, 99,97% according to norm EN 1822. Particularly suitable for micro-mists and smokes.

Carbon filter

Activated carbons for removal of odors from previously filtered air.

Cleaning system

Cleaning system in counter-washing composed by a programmable Timer, collecting tank and electro-valves.



Suction Arm

Suction arm with 3 joints, including a 360° turning swivel ring and cupboard with handle.

Installations





Health



Savings



Efficiency



Environment



Safety



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