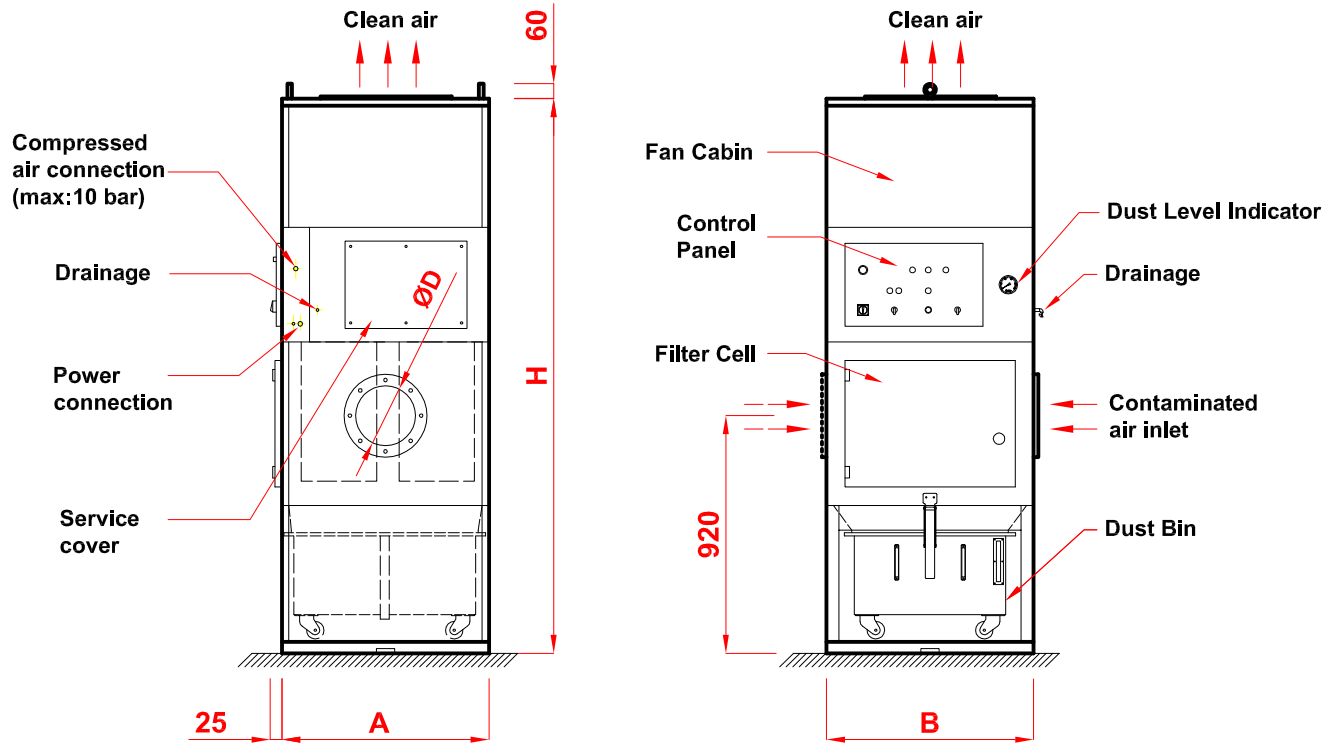


TECHNICAL SPECIFICATIONS

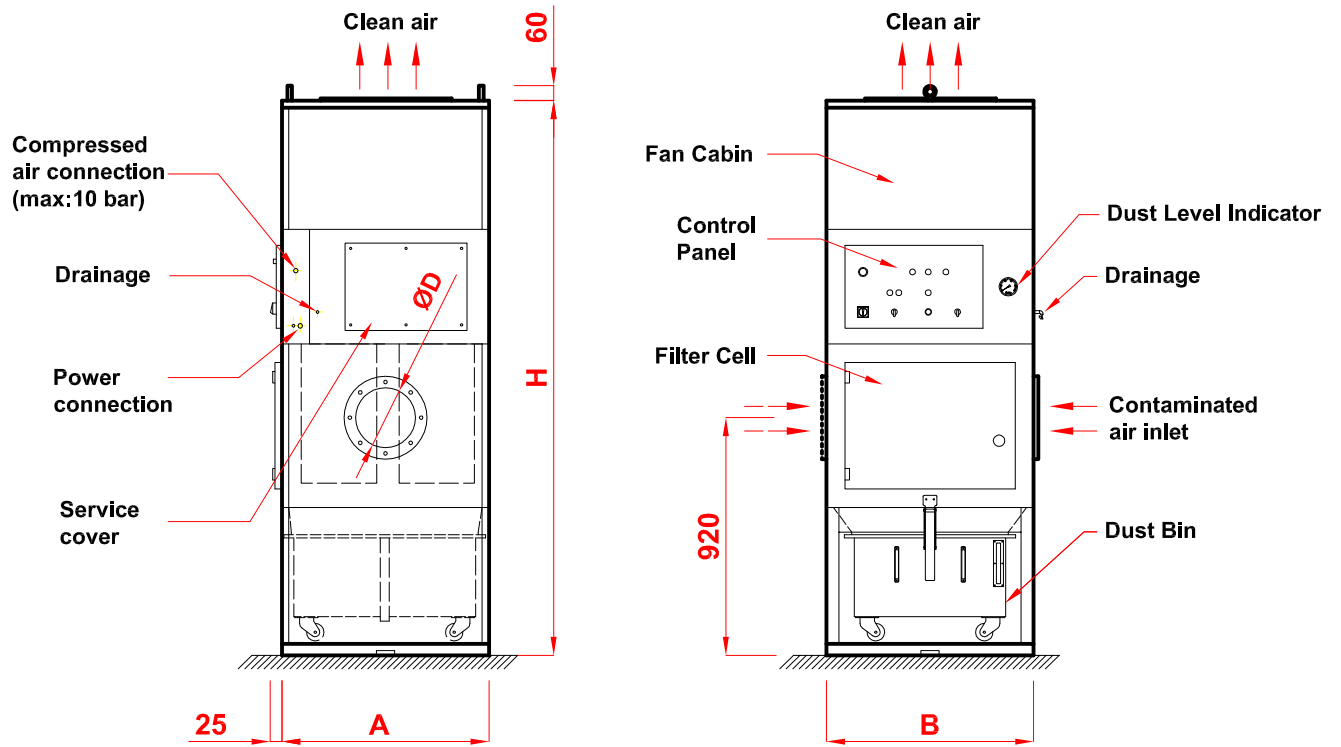


STANDARD SPECIFICATIONS

- SM-Filter units are fully assembled with its filters, fan and motor, automatic cleaning system and control panel which are ready to operate.
- High efficiency fans, which are made of aluminum are backward curved and directly coupled to the motor.
- Cartridge filters are made of polyester non-woven. They arrest 0.2 - 2 micron particles with %99.9 efficiency. Dust Class M acc. to DIN EN 60335. Cartridge filters have a temperature resistance up to 80 °C.
- Fully automatic (Jet-pulse) filter cleaning system with pressured air (4-5 bar). Dust level on the filters is constantly measured with differential pressure gauge. Cleaning cycle is activated through the valve control card by the differential pressure gauge only when it is necessary in order to ensure electrical efficiency and greener application.
- Control panel (400V ~ 50 Hz) and the differential pressure gauge that start-and-stop jet pulse cleaning automatically are standard on SM- filter units. Dust level indicator of filter elements for operators and pressured-air regulator (max.10 bar) for cleaning system are also included in the control panel.
- High volume dust bin with wheels.
- Low sound levels with sound isolation in Fan Cabin.
- Made of carbon steel with electrostatic painting for indoor applications.
- Right or Left handside contaminated air inlet.

OPTIONS

- Teflon membrane(PTFE) coated cartridge filter elements can be used.(For applications to capture very small and tiny dust particles.)
- Aluminium coated cartridge filter elements can be used for anti-static applications.
- 220-480 V ~ 60 Hz Motor and Control Panel.
- SM-Filter units can be equipped with explosion panels to minimize the risks associated with dust explosions.
- Ex-proof motor, valves and control panel for Ex-proof applications.
- HEPA filter (H13-37m²) can be mounted at the clean air outlet.
- Stainless steel filter unit including dust bin and all parts interacting with the respective dust.

TECHNICAL SPECIFICATIONS


TYPE		SM-800	SM-1500	SM-2200	SM-3000
CAPACITY (m ³ /h)		800	1500	2200	3000
FAN PRESSURE (Pa)		2800	2300	2300	2300
MOTOR (kW)		1,1	1,5	2,2	3,0
FILTER SURFACE (m ²)		10	20	30	40
DIMENSIONS A x B x H(mm)		650x800x2090	650x800x2090	840x800x2090	840x800x2200
CON. AIR INLET ØD (mm)		125	160	200	250
SOUND LEVEL dB(A)		70	72	72	73
DUST BIN VOLUME (Liter)		100	100	130	130
WEIGHT (kg.)	Net ⁽⁰⁾	172	211	242	258
	Closed Box ⁽¹⁾	106	124	132	132
	Pallet Nylon ⁽²⁾	24	29	32	32

⊛ Ongoing product development may subject the technical specifications to alteration without notice.

⁽¹⁾ Packing with closed box made of wood complying with ISPM 15 standards.

⁽²⁾ Packing with nylon stretch over a pallet made of wood complying with ISPM 15 standards.