

3. INDUSTRIAL FILTRATION (M-SERIES)

3.1. TYPE M1500-1-18

DESCRIPTION

- one-box shaped dust collector for local or central filtration
- suitable for various industrial areas with non-stop operation (energy, building industry, foundries, welding, chemical and food industry etc.)

OPERATION QUALITIES

- flow rate 3 800 - 5 940 m³/h
- filter area 89 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6-8 Nm³/h
- pressure loss 1500 Pa

DESIGN

- 1x filter box made of carbon steel
- damping chamber to reduce the noise from the fan
- filter element: 18x filter cartridge made of polyester in basic design diameter 156 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)
- pressure air connection: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- dust hopper with support construction

ADDITIONAL ACCESSORIES

- rotary feeder or dust collection box
- service platform for easy maintenance
- ATEX, food or chemical industry design
- non-standard temperature design -40 °C / +150 °C

Flow rate (m ³ /h)	Fan (kW)	Fan underpressure (Pa)	Filter surface load (m ³ /m ² /min)
3 800	5,5	3 950	0,90
3 800-4 800	7,5	3 950	1,12
4 800-5 940	9,2	4 200	1,39



Dust collector M1500-1-18 is a one box-shaped device. It is used for local or central filtration in various industrial areas with non-stop operation. It is equipped with the built-in fan and dust hopper with support construction.

