

3. INDUSTRIAL FILTRATION (M-SERIES)

3.2. TYPE M1500-1-24

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 5 100 - 8 240 m³/h
- filter area 118 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: 24x 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 (4 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) |
|-------------------------------|----------|------------------------|---|
| 5 100 | 11,0 | 4 100 | 0,72 |
| 5 100-6 000 | 11,0 | 4 000 | 0,85 |
| 6 000-6 720 | 15,0 | 4 300 | 0,95 |
| 6 720-8 240 | 15,0 | 4 150 | 1,16 |



Dust collector M1500-1-24 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.

