

3. INDUSTRIAL FILTRATION (M-SERIES)

3.8. TYPE M2000-3-54

DESCRIPTION

- three-box shaped dust collector for 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 15 000 - 23 500 m³/h
- filter area 354 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 10-12 Nm³/h
- pressure loss 1500 Pa

DESIGN

- 3x filter box made of carbon steel
- standalone fan with vibration joints and dampers
- filter element: 54x filter cartridge made of polyester in basic design diameter 156 mm, length 2000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (9 pcs), safety valve (3 pcs), pressure regulator (3 pcs)
- pressure air connection: internal thread G ½"
- 3x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- dust hopper with support construction
- piping to the fan included

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)
15 000	22,0	3 900	0,71
15 000-20 000	30,0	3 700	0,94
20 000-23 500	37,0	4 000	1,10



Dust collector M2000-3-54 is a three box-shaped device. It is used for central filtration in various industrial areas with non-stop operation. It is equipped with the standalone fan and dust hoppers with support construction.

