

3. INDUSTRIAL FILTRATION (M-SERIES)

3.9. TYPE M2000-3-72

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 20 000 - 31 500 m³/h
- filter area 474 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: 72x 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 (12 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) |
|-------------------------------|----------|------------------------|---|
| 20 000 | 37,0 | 4 500 | 0,70 |
| 20 000-26 000 | 45,0 | 4 500 | 0,91 |
| 26 000-31 500 | 55,0 | 4 600 | 1,10 |



Dust collector M2000-3-72 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.

