

## 3. INDUSTRIAL FILTRATION (M-SERIES)

### 3.5. TYPE M2000-1-24

#### 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 16 600 m<sup>3</sup>/h
- filter area 158 m<sup>2</sup>
- fan 37 kW
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 8-12 Nm<sup>3</sup>/h
- pressure loss 2000 Pa

#### DESIGN

- 1x filter box made of carbon steel
- standalone fan with vibration joints and dampers
- filter element: 24x 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 (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
- dust collection box
- piping to the fan included

#### ADDITIONAL ACCESSORIES

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



Dust collector M2000-1-24 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 standalone 37 kW fan, hopper with support construction and dust collection box.

