HENNLICH ENGINEERING is the leading manufacturer of air dust collectors. We produce low-performance standalone dust collectors for local filtration as well as high-performance modular dust collectors which can be easily combined to assemblies with the required flowrate.

**BENEFITS**
- control of dust pollution
- avoidance of penalties imposed by authorities for dust
- JET-PULS recovery system
- residual concentration < 10 mg/m³ (on request < 1 mg/m³)
- unit assembly construction
- easy maintenance & simple operation
- compact design

**INDUSTRIES**
- Agriculture
- Bulk & Powder
- Food & Beverage
- Industrial Processing
- Metal & Machining
- Pharmaceuticals
- Waste & Recycling

**OUR CUSTOMERS**

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<th>LafargeHolcim</th>
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<td>Kaluzhskii metallurgiceskii zavod</td>
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</table>
The dust collector is designed with the following parameters:

- requested air volume and filtration area
- dust physical properties (abrasive, corrosive, explosive etc.)
- application type (silo dedusting, local filtration, central dedusting)
- rest dust manipulation method (rotary valve, dust container, back to silo or belt conveyor etc.)
- location (inside, outside) and the construction dimensions
- temperature (ambient, product)

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1. SILO VENTING FILTERS (N-SERIES)

1.1. TYPE N1000

DESCRIPTION
- Silo venting filter N1000 is a cylindrically shaped dust collector for dedusting of pneumatically filled silos.

OPERATION QUALITIES
- Air volume 1000 m³/h
- Filtration area 15 m²
- Residual dust concentration at the output <10 mg/m³
- Temperature resistance -20 °C / +80 °C
- Compressed air needed 6 bar, consumption 6 Nm³/h
- Pressure loss 1500 Pa
- Weight: 97 kg

DESIGN
- Carbon steel construction
- Dust collector body diameter 600 mm
- Filtered air blows away through the hole between casing and top cover
  - Filter element: 1x filter cartridge made of polyester in basic design diameter 325 mm, length 1000 mm
  - Air tank with JET-PULS filter cartridges recovery and timer
  - Compressed air inlet: internal thread G ½"
  - Electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- ATEX version
- Non-standard temperature design -40 °C / +150 °C

BENEFITS
- Robust design
- Easy filter element replacement
- Low dust emission level
- Excellent access to every filter component

Silo venting filter N1000 is a cylindrically shaped dust collector. It is mainly used for dedusting of pneumatically filled silos.
1. SILO VENTING FILTERS (N-SERIES)

1.1. TYPE N1000
1. SILO VENTING FILTERS (N-SERIES)

1.2. TYPE N1000 V

DESCRIPTION
• silo venting filter N1000 V is a cylindrically shaped dust collector for dedusting of silos

OPERATION QUALITIES
• air volume 1000 m³/h
• filtration area 15 m²
• fan 1,5 kW
• residual dust concentration at the output <10 mg/m³
• temperature resistance -20 °C / +80 °C
• compressed air needed 6 bar, consumption 6 Nm³/h
• pressure loss 1500 Pa
• weight: 138 kg

DESIGN
• carbon steel construction
• dust collector body diameter 600 mm
• filter element: 1x filter cartridge
  made of polyester in basic design
  diameter 325 mm, length 1000 mm
• air tank with JET-PULS filter cartridges recovery and timer
• compressed air inlet: internal thread G ½"
• electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
• ATEX version
• non-standard temperature design -40 °C / +150 °C

BENEFITS
• robust design
• easy filter element replacement
• low dust emission level
• excellent access to every filter component

Silo venting filter N1000 V is a cylindrically shaped dust collector. It is mainly used for dedusting of silos and for local filtration.
1. SILO VENTING FILTERS (N-SERIES)

1.2. TYPE N1000 V

DUST COLLECTORS

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1. SILO VENTING FILTERS (N-SERIES)

1.3. TYPE N1000 V/N

DESCRIPTION

- silo venting filter N1000 V/N is a cylindrically shaped dust collector with dust container and support legs suitable for local dedusting (for example – big bags, welding operations etc.)

OPERATION QUALITIES

- air volume 1000 m³/h
- filtration area 15 m²
- fan 1,5 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight: 206 kg

DESIGN

- carbon steel construction
- dust collector body diameter 600 mm
- filter element: 1x filter cartridge made of polyester in basic design diameter 325 mm, length 1000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½”
- electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)
- dust container and support legs

ADDITIONAL ACCESSORIES

- ATEX version
- non-standard temperature design -40 °C / +150 °C

BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component

Silo venting filter N1000 V/N is equipped with the support legs and the dust container. It is mainly used for local filtration.
1. SILO VENTING FILTERS (N-SERIES)
1.3. TYPE N1000 V/N

DUST COLLECTORS
DESCRIPTION
- Silo venting filter N1500 is a cylindrically shaped dust collector for dedusting of pneumatically filled silos.

OPERATION QUALITIES
- Air volume 1500 m³/h
- Filtration area 24 m²
- Residual dust concentration at the output <10 mg/m³
- Temperature resistance -20 °C / +80 °C
- Compressed air needed 6 bar, consumption 6 Nm³/h
- Pressure loss 1500 Pa
- Weight: 132 kg

DESIGN
- Carbon steel construction
- Dust collector body diameter 600 mm
- Filtered air blows away through the hole between casing and top cover
- Filter element: 1x filter cartridge made of polyester in basic design
diameter 325 mm, length 1500 mm
- Air tank with JET-PULS filter cartridges recovery and timer
- Compressed air inlet: internal thread G ½"
- Electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- ATEX version
- Non-standard temperature design -40 °C / +150 °C

BENEFITS
- Robust design
- Easy filter element replacement
- Low dust emission level
- Excellent access to every filter component

Silo venting filter N1500 is a cylindrically shaped dust collector. It is mainly used for dedusting of pneumatically filled silos.
1. SILO VENTING FILTERS (N-SERIES)

1.4. TYPE N1500
1. SILO VENTING FILTERS (N-SERIES)
1.5. TYPE N1500 V

DESCRIPTION
- silo venting filter N1500 V is a cylindrically shaped dust collector for dedusting of silos

OPERATION QUALITIES
- air volume 1500 m³/h
- filtration area 24 m²
- fan 2.2 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight: 173 kg

DESIGN
- carbon steel construction
- dust collector body diameter 600 mm
- filter element: 1x filter cartridge
  made of polyester in basic design
  diameter 325 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- ATEX version
- non-standard temperature design -40 °C / +150 °C

BENEFITS
- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component

Silo venting filter N1500 V is a cylindrically shaped dust collector. It is mainly used for dedusting of silos and for local filtration.
1. SILO VENTING FILTERS (N-SERIES)

1.5. TYPE N1500 V
DESCRIPTION
- filter N1500 V is a cylindrically shaped dust collector with support legs and dust container
- suitable for local dedusting (for example – big bags, welding operations etc.)

OPERATION QUALITIES
- air volume 1800 m³/h
- filtration area 24 m²
- fan 2.2 kW
- residual dust concentration at the output <10 mg/m²
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight: 278 kg

DESIGN
- carbon steel construction
- dust collector body diameter 600 mm
- filter element: 1x filter cartridge made of polyester in basic design
- diameter 325 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)
- support legs with dust container

ADDITIONAL ACCESSORIES
- ATEX version
- non-standard temperature design -40 °C / +150 °C

BENEFITS
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector N1500 V/N is equipped with the support legs and the dust container. It is mainly used for local filtration.
1. SILO VENTING FILTERS (N-SERIES)

1.6. TYPE N1500 V/N
1. SILO VENTING FILTERS (N-SERIES)

1.7. TYPE NH1000 V

DESCRIPTION

- Silo venting filter NH1000 V is a cylindrically shaped dust collector with bags, ideal for silo dedusting.

OPERATION QUALITIES

- Air volume: 1000 m³/h
- Filtration area: 4 m²
- Fan: 1.5 kW
- Temperature resistance: -20 °C / +80 °C
- Compressed air needed: 6 bar, consumption: 6 Nm³/h
- Pressure loss: 1500 Pa
- Weight: 155 kg

DESIGN

- Carbon steel construction
- Dust collector body diameter: 696 mm
- Filter element: 8 filter bags made of polyester in basic design
- Diameter: 144 mm, length: 1020 mm
- Air tank with JET-PULS filter bags recovery and timer
- Compressed air inlet: internal thread G ½”
- Electromagnetic valve (2 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES

- ATEX version
- Non-standard temperature design: -40 °C / +150 °C

BENEFITS

- Easy filter element replacement
- Easy to move, install and transport
- Excellent access to every filter component

Silo venting filter NH1000 V is a cylindrically shaped dust collector. It is mainly used for dedusting of silos and for local filtration.
1. SILO VENTING FILTERS (N-SERIES)

1.7. TYPE NH1000 V
2. LOCAL DUST COLLECTORS (P-SERIES)

2.1. TYPE P0600/9

DESCRIPTION
- box-shaped dust collector for dedusting of storage silos, belt conveyor transfer points, welding and cutting machines etc.

OPERATION QUALITIES
- air volume 1000 m³/h
- filtration area 17.8 m²
- fan: 1.5 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight: 195 kg

DESIGN
- carbon steel construction
- filter element: 9x filter cartridge made of polyester in basic design diameter 145 mm, length 600 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 VAC, 50 Hz
- dust container or rotary valve with support construction
- noise silencer
- non-standard temperature design -40 °C / +150 °C

BENEFITS
- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component

Dust collector P0600 is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.1. TYPE P0600/9

DUST COLLECTORS
2. LOCAL DUST COLLECTORS (P-SERIES)

2.2.1. TYPE P1200/9

DESCRIPTION
- box-shaped dust collector for dedusting of storage silos, belt conveyor transfer points, welding and cutting machines etc.

OPERATION QUALITIES
- air volume 1800 m³/h
- filtration area 35.6 m²
- fan: 2.2 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight: 276 kg

DESIGN
- carbon steel construction
- filter element: 9x filter cartridge made of polyester in basic design diameter 145 mm, length 1200 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 VAC, 50 Hz
- dust container or rotary valve with support construction
- noise silencer
- non-standard temperature design -40 °C / +150 °C

BENEFITS
- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component

Dust collector P1200 is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.2.1. TYPE P1200/9
2. LOCAL DUST COLLECTORS (P-series)

2.2.2. TYPE P1200/9/H

DESCRIPTION
- Box-shaped dust collector in horizontal design is used for an effective dedusting belt conveyor transfer points

OPERATION QUALITIES
- Air volume: 1800 m³/h
- Filtration area: 35.6 m²
- Fan: 2.2 kW
- Residual dust concentration at the output <10 mg/m³
- Temperature resistance: -20 °C / +80 °C
- Compressed air needed: 6 bar, consumption: 6 Nm³/h
- Pressure loss: 1500 Pa
- Weight: 294 kg

DESIGN
- Carbon steel construction
- Filter element: 9x filter cartridge made of polyester in basic design
- Diameter: 145 mm, length: 1200 mm
- Air tank with JET-PULS filter cartridges recovery and timer
- Compressed air inlet: internal thread G 1/2"
- Pressure switch to indicate the filter cartridges are plugged
- Electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- Electric control box: 3 x 400 V AC, 50 Hz
- Noise silencer
- Non-standard temperature design: -40 °C / +150 °C
- ATEX version

BENEFITS
- Robust design
- Easy filter element replacement
- Easy to move, install and transport
- Excellent access to every filter component

Dust collector P1200/9/H is used for the dedusting of belt conveyor transfer points or bucket elevators.
2. LOCAL DUST COLLECTORS (P-series)

2.2.2. TYPE P1200/9/H

FILTRATION UNITS
2. LOCAL DUST COLLECTORS (P-SERIES)  

2.3.1. TYPE P1500/9

DESCRIPTION
- box-shaped dust collector for dedusting of storage silos or belt conveyor transfer points

OPERATION QUALITIES
- filtration area 44.5 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa

DESIGN
- carbon steel construction
- filter element: 9x filter cartridge made of polyester in basic design diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 VAC, 50 Hz
- dust container or rotary valve with support construction
- noise silencer
- non-standard temperature design -40 °C / +150 °C

BENEFITS
- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component

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Dust collector P1500 is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, etc.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.3.1. TYPE P1500/9

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2. LOCAL DUST COLLECTORS (P-SERIES)

2.3.2. TYPE P1500/9/H

DESCRIPTION
- Box-shaped dust collector in horizontal design is used for an effective dedusting belt conveyor transfer points

OPERATION QUALITIES
- Filtration area 44,5 m²
- Residual dust concentration at the output <10 mg/m³
- Temperature resistance -20 °C / +80 °C
- Compressed air needed 6 bar, consumption 6 Nm³/h
- Pressure loss 1500 Pa

DESIGN
- Carbon steel construction
- Filter element: 9x filter cartridge made of polyester in basic design
- Diameter 145 mm, length 1500 mm
- Air tank with JET-PULS filter cartridges recovery and timer
- Compressed air inlet: internal thread G ½"
- Pressure switch to indicate the filter cartridges are plugged
- Electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- Electric control box: 3 x 400 V AC, 50 Hz
- Noise silencer
- Non-standard temperature design -40 °C / +150 °C
- ATEX version

BENEFITS
- Robust design
- Easy filter element replacement
- Easy to move, install and transport
- Excellent access to every filter component

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 700</td>
<td>3,0</td>
<td>2 750</td>
<td>314</td>
</tr>
<tr>
<td>2 700-3 400</td>
<td>4,0</td>
<td>2 900</td>
<td>317</td>
</tr>
<tr>
<td>3 400-4 800</td>
<td>5,5</td>
<td>3 000</td>
<td>319</td>
</tr>
</tbody>
</table>
2. LOCAL DUST COLLECTORS (P-SERIES)

2.3.2. TYPE P1500/9/H
2. LOCAL DUST COLLECTORS (P-SERIES)

2.3.3. TYPE P1500/9/R

DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and rotary valve

OPERATION QUALITIES
- filtration area 44.5 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa

DESIGN
- carbon steel construction
- filter element: 9x filter cartridge
  made of polyester in basic design
- diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate filter cartridges are plugged
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- rotary valve 250 x 250, 0.55 kW

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40 °C / +150 °C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 700</td>
<td>3,0</td>
<td>2 750</td>
<td>519</td>
</tr>
<tr>
<td>2 700-3 400</td>
<td>4,0</td>
<td>2 900</td>
<td>565</td>
</tr>
<tr>
<td>3 400-4 800</td>
<td>5,5</td>
<td>3 000</td>
<td>571</td>
</tr>
</tbody>
</table>

Dust collector P1500/9/R is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc. It is equipped with the support legs, dust hopper and rotary valve.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.3.3. TYPE P1500/9/R

DUST COLLECTORS
2. LOCAL DUST COLLECTORS (P-SERIES)

2.3.4. TYPE P1500/9/N

DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and dust container

OPERATION QUALITIES
- filtration area 44.5 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa

DESIGN
- carbon steel construction
- filter element: 9x filter cartridge made of polyester in basic design
- diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (3 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- dust container

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40 °C / +150 °C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 700</td>
<td>3,0</td>
<td>2 750</td>
<td>400</td>
</tr>
<tr>
<td>2 700-3 400</td>
<td>4,0</td>
<td>2 900</td>
<td>425</td>
</tr>
<tr>
<td>3 400-4 800</td>
<td>5,5</td>
<td>3 000</td>
<td>432</td>
</tr>
</tbody>
</table>

Dust collector P1500/9/N is a box-shaped device. It is mainly used for local filtration - aspiration from welding or brushing operations, CNC cutting etc. It is equipped with the support legs, hopper and dust container.
2. LOCAL DUST COLLECTORS (P-SERIES)
2.3.4. TYPE P1500/9/N
DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and rotary valve

OPERATION QUALITIES
- air volume max. 5 400 m³/h
- filtration area 59.0 m²
- fan 7.5 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight 624 kg

DESIGN
- carbon steel construction
- filter element: 12x filter cartridge made of polyester in basic design
- diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (4 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- rotary valve 250 x 250, 0.55 kW

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40 °C / +150 °C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector P1500/12/R is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc. It is equipped with the support legs, dust hopper and rotary valve.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.4.1. TYPE P1500/12/R

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DUST COLLECTORS

2. LOCAL DUST COLLECTORS (P-SERIES)

2.4.2. TYPE P1500/12/N

DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and dust container

OPERATION QUALITIES
- air volume max. 5 400 m³/h
- filtration area 59.0 m²
- fan 7.5 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight 617 kg

DESIGN
- carbon steel construction
- filter element: 12x filter cartridge made of polyester in basic design
- diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G 1/2"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (4 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- dust container

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40°C/+150°C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector P1500/12/N is a box-shaped device. It is mainly used for local filtration - aspiration from welding or brushing operations, CNC cutting etc. It is equipped with the support legs, hopper and dust container.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.4.2. TYPE P1500/12/N
DESCRIPTION
- box-shaped dust collector in horizontal design is used for an effective dedusting belt conveyor transfer points

OPERATION QUALITIES
- air volume 5400 m$^3$/h
- filtration area 59.0 m$^2$
- fan: 7,5 kW
- residual dust concentration at the output <10 mg/m$^3$
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm$^3$/h
- pressure loss 1500 Pa
- weight: 456 kg

DESIGN
- carbon steel construction
- filter element: 12x filter cartridge
  made of polyester in basic design
- diameter 145 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½”
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (4 pcs), safety valve (1 pc), pressure regulator (1 pc)

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40°C/+150°C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector P1500/12/H is used for the dedusting of belt conveyor transfer points or bucket elevators.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.4.3. TYPE P1500/12/H
DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and rotary valve

OPERATION QUALITIES
- air volume max. 5 500 m³/h
- filtration area 63.0 m²
- fan 11.0 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight 726 kg

DESIGN
- carbon steel construction
- filter element: 16x filter cartridge made of polyester in basic design
- diameter 145 mm, length 1200 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (4 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- rotary valve 250 x 250, 0.55 kW

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40°C/+150°C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector P1200/16/R is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc. It is equipped with the support legs, dust hopper and rotary valve.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.5.1. TYPE P1200/16/R
2. LOCAL DUST COLLECTORS (P-SERIES)

2.6.1. TYPE P1200/25/R

DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and rotary valve

OPERATION QUALITIES
- air volume max. 6 500 m³/h
- filtration area 99.0 m²
- fan 11.0 kW
- residual dust concentration at the output <10 mg/m²
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight 850 kg

DESIGN
- carbon steel construction
- filter element: 25x filter cartridge made of polyester in basic design
- diameter 145 mm, length 1200 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (5 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- rotary valve 250 x 250, 0.55 kW

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40°C/+150°C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector P1200/25/R is a box-shaped device. It is used for local filtration - dedusting of storage silos, belt conveyor transfer points, welding operations etc. It is equipped with the support legs, dust hopper and rotary valve.
2. LOCAL DUST COLLECTORS (P-SERIES)
2.6.1. TYPE P1200/25/R

DUST COLLECTORS

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DESCRIPTION
- stand alone box-shaped dust collector with support legs, hopper and dust container

OPERATION QUALITIES
- air volume max. 6 500 m³/h
- filtration area 99,0 m²
- fan 11,0 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 6 Nm³/h
- pressure loss 1500 Pa
- weight 820 kg

DESIGN
- carbon steel construction
- filter element: 25x filter cartridge made of polyester in basic design
- diameter 145 mm, length 1200 mm
- air tank with JET-PULS filter cartridges recovery and timer
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electromagnetic valve (5 pcs), safety valve (1 pc), pressure regulator (1 pc)
- support legs with hopper
- dust container

ADDITIONAL ACCESSORIES
- electric control box: 3 x 400 V AC, 50 Hz
- noise silencer
- non-standard temperature design -40 °C / +150 °C
- ATEX version

BENEFITS
- robust design
- easy filter element replacement
- easy to move, install and transport
- excellent access to every filter component

Dust collector P1200/25/N is a box-shaped device. It is mainly used for local filtration - aspiration from welding or brushing operations, CNC cutting etc. It is equipped with the support legs, hopper and dust container.
2. LOCAL DUST COLLECTORS (P-SERIES)

2.6.2. TYPE P1200/25/N
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

- air volume 3 800 - 5 940 m³/h
- filtration 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)
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs

ADDITIONAL ACCESSORIES

- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 800</td>
<td>5,5</td>
<td>3 950</td>
<td>0,90</td>
</tr>
<tr>
<td>3 800-4 800</td>
<td>7,5</td>
<td>3 950</td>
<td>1,12</td>
</tr>
<tr>
<td>4 800-5 940</td>
<td>9,2</td>
<td>4 200</td>
<td>1,39</td>
</tr>
</tbody>
</table>

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 hopper with support legs.
3. INDUSTRIAL FILTRATION (M-SERIES)

3.1. TYPE M1500-1-18
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
- air volume 5 100 - 8 240 m³/h
- filtration 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)
- compressed air inlet: internal thread G ½"z
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs

ADDITIONAL ACCESSORIES
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 100</td>
<td>11,0</td>
<td>4 100</td>
<td>0,72</td>
</tr>
<tr>
<td>5 100-6 000</td>
<td>11,0</td>
<td>4 000</td>
<td>0,85</td>
</tr>
<tr>
<td>6 000-6 720</td>
<td>15,0</td>
<td>4 300</td>
<td>0,95</td>
</tr>
<tr>
<td>6 720-8 240</td>
<td>15,0</td>
<td>4 150</td>
<td>1,16</td>
</tr>
</tbody>
</table>
3. INDUSTRIAL FILTRATION (M-SERIES)

3.2. TYPE M1500-1-24

DUST COLLECTORS
3. INDUSTRIAL FILTRATION (M-SERIES)

3.3. TYPE M2000-1-18

**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**
- air volume 6 000 - 8 400 m³/h
- filtration 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: 18x filter cartridge made of polyester in basic design diameter 156 mm, lenght 2000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve(3 pcs), safety valve (1 pc), pressure regulator (1 pc)
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs

**ADDITIONAL ACCESSORIES**
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 000-7 500</td>
<td>11,0</td>
<td>4000-3750</td>
<td>0,85-1,06</td>
</tr>
<tr>
<td>7 500-8 400</td>
<td>15,0</td>
<td>4250-4150</td>
<td>1,06-1,19</td>
</tr>
<tr>
<td>7 500-8 400</td>
<td>18,5</td>
<td>4950-4900</td>
<td>1,06-1,19</td>
</tr>
</tbody>
</table>

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 hopper with support legs.
3. INDUSTRIAL FILTRATION (M-SERIES)
3.3. TYPE M2000-1-18

DUST COLLECTORS
3. INDUSTRIAL FILTRATION (M-SERIES)

3.4. 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
- air volume 6 000 - 12 000 m³/h
- filtration area 158 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 2000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (4 pcs), safety valve (1 pc), pressure regulator (1 pc)
- compressed air inlet: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs

ADDITIONAL ACCESSORIES
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 000-7 500</td>
<td>11,0</td>
<td>4 000-3 750</td>
<td>0,63-0,79</td>
</tr>
<tr>
<td>7 500-9 600</td>
<td>15,0</td>
<td>4 250-3 950</td>
<td>0,79-1,01</td>
</tr>
<tr>
<td>7 500-12 000</td>
<td>18,5</td>
<td>4 950-4 350</td>
<td>0,79-1,26</td>
</tr>
</tbody>
</table>

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 hopper with support legs.
3. INDUSTRIAL FILTRATION (M-SERIES)

3.4. TYPE M1500-1-24

DUST COLLECTORS
3. INDUSTRIAL FILTRATION (M-SERIES)

3.5. TYPE M2000-2-36

Dust collector M2000-2-36 is a two 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.

DESCRIPTION

- two-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

- air volume 10 000 - 15 500 m³/h
- filtration area 236 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 8-10 Nm³/h
- pressure loss 1500 Pa

DESIGN

- 2x filter box made of carbon steel
- standalone fan with vibration joints and dampers
- filter element: 36x 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 (6 pcs), safety valve (2 pcs), pressure regulator (2 pcs)
- compressed air inlet: internal thread G ½"
- 2x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- piping to the fan included

ADDITIONAL ACCESSORIES

- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 000</td>
<td>15,0</td>
<td>3 700</td>
<td>0,71</td>
</tr>
<tr>
<td>10 000-12 500</td>
<td>18,5</td>
<td>4 100</td>
<td>0,88</td>
</tr>
<tr>
<td>12 500-15 500</td>
<td>22,0</td>
<td>4 000</td>
<td>1,10</td>
</tr>
</tbody>
</table>
3. INDUSTRIAL FILTRATION (M-SERIES)
3.5. TYPE M2000-2-36
3. INDUSTRIAL FILTRATION (M-SERIES)
3.6. 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
- air volume 16 600 m³/h
- filtration area 158 m²
- fan 37 kW
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 8-12 Nm³/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)
- compressed air inlet: internal thread G ½""
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- dust container
- piping to the fan included

ADDITIONAL ACCESSORIES
- service platform for easy maintenance
- ATEX version
- 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 container.
3. INDUSTRIAL FILTRATION (M-SERIES)

3.6. TYPE M2000-1-24

DUST COLLECTORS

DIVISION HENNLICH ENGINEERING, HENNLICH s.r.o. • Litomerice 412 01, Czech Republic, Tel: 00420 416 711 350 • www.hennlich-engineering.com, e-mail: engineering@hennlich.cz
DUST COLLECTORS

3. INDUSTRIAL FILTRATION (M-SERIES)

3.7. TYPE M2000-2-48

DESCRIPTION
- two-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
- air volume 13 500 - 21 000 m³/h
- filtration area 316 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 8-10 Nm³/h
- pressure loss 1500 Pa

DESIGN
- 2x filter box made of carbon steel
- standalone fan with vibration joints and dampers
- filter element: 48x filter cartridge made of polyester in basic design
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (8 pcs), safety valve (2 pcs), pressure regulator (2 pcs)
- compressed air inlet: internal thread G ½"
- 2x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- piping to the fan included

ADDITIONAL ACCESSORIES
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 500</td>
<td>18,5</td>
<td>3 900</td>
<td>0,71</td>
</tr>
<tr>
<td>13 500-17 000</td>
<td>30,0</td>
<td>4 600</td>
<td>0,90</td>
</tr>
<tr>
<td>17 000-21 000</td>
<td>37,0</td>
<td>4 600</td>
<td>1,10</td>
</tr>
</tbody>
</table>

Dust collector M2000-2-48 is a two 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.
3. INDUSTRIAL FILTRATION (M-SERIES)

3.7. TYPE M2000-2-48
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**
- air volume 15 000 - 23 500 m³/h
- filtration 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)
- compressed air inlet: internal thread G ½"
- 3x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- piping to the fan included

**ADDITIONAL ACCESSORIES**
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 000</td>
<td>22,0</td>
<td>3 900</td>
<td>0,71</td>
</tr>
<tr>
<td>15 000-20 000</td>
<td>30,0</td>
<td>3 700</td>
<td>0,94</td>
</tr>
<tr>
<td>20 000-23 500</td>
<td>37,0</td>
<td>4 000</td>
<td>1,10</td>
</tr>
</tbody>
</table>

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.
3. INDUSTRIAL FILTRATION (M-SERIES)
3.8. TYPE M2000-3-54
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**
- air volume 20 000 - 31 500 m³/h
- filtration 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)
- compressed air inlet: internal thread G ½"
- 3x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- piping to the fan included

**ADDITIONAL ACCESSORIES**
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

**Air volume**

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 000</td>
<td>37,0</td>
<td>4 500</td>
<td>0,70</td>
</tr>
<tr>
<td>20 000 - 26 000</td>
<td>45,0</td>
<td>4 500</td>
<td>0,91</td>
</tr>
<tr>
<td>26 000 - 31 500</td>
<td>55,0</td>
<td>4 600</td>
<td>1,10</td>
</tr>
</tbody>
</table>

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.
3. INDUSTRIAL FILTRATION (M-SERIES)
3.9. TYPE M2000-3-72
3. INDUSTRIAL FILTRATION (M-SERIES)

3.10. TYPE M2000-4-72

Dust collector M2000-4-72 is a four 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.

DESCRIPTION
- four-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
- air volume 20 000 - 31 500 m³/h
- filtration area 474 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 14-16 Nm³/h
- pressure loss 1500 Pa

DESIGN
- 4x 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 (4 pcs), pressure regulator (4 pcs)
- compressed air inlet: internal thread G ½”
- 4x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- piping to the fan included

ADDITIONAL ACCESSORIES
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 000</td>
<td>37,0</td>
<td>4 500</td>
<td>0,71</td>
</tr>
<tr>
<td>20 000-26 000</td>
<td>45,0</td>
<td>4 500</td>
<td>0,91</td>
</tr>
<tr>
<td>26 000-31 500</td>
<td>55,0</td>
<td>4 600</td>
<td>1,10</td>
</tr>
</tbody>
</table>
3. DUST COLLECTORS

3.1 INDUSTRIAL FILTRATION (M-SERIES)

3.10. TYPE M2000-4-72
3. INDUSTRIAL FILTRATION (M-SERIES)

3.11. TYPE M2000-4-96

DESCRIPTION
- four-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
- air volume 27 000 - 42 000 m³/h
- filtration area 632 m²
- residual dust concentration at the output <10 mg/m³
- temperature resistance -20 °C / +80 °C
- compressed air needed 6 bar, consumption 14-16 Nm³/h
- pressure loss 1500 Pa

DESIGN
- 4x filter box made of carbon steel
- standalone fan with vibration joints and dampers
- filter element: 96x 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 (16 pcs), safety valve (4 pcs), pressure regulator (4 pcs)
- compressed air inlet: internal thread G ½"
- 4x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3 x 400 VAC, 50 Hz
- hopper with support legs
- piping to the fan included

ADDITIONAL ACCESSORIES
- rotary valve or dust container
- service platform for easy maintenance
- ATEX version
- non-standard temperature design -40 °C / +150 °C

<table>
<thead>
<tr>
<th>Air volume (m³/h)</th>
<th>Fan (kW)</th>
<th>Fan underpressure (Pa)</th>
<th>Filter surface load (m³/m²/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 000</td>
<td>45,0</td>
<td>4 200</td>
<td>0,70</td>
</tr>
<tr>
<td>27 000-34 000</td>
<td>55,0</td>
<td>3 600</td>
<td>0,90</td>
</tr>
<tr>
<td>34 000-42 000</td>
<td>75,0</td>
<td>3 600</td>
<td>1,10</td>
</tr>
</tbody>
</table>

Dust collector M2000-4-96 is a four 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.
DUST COLLECTORS

3. INDUSTRIAL FILTRATION (M-SERIES)

3.11. TYPE M2000-4-96