



VIVO CONSULT

COMPREHENSIVE DUST SOLUTION.

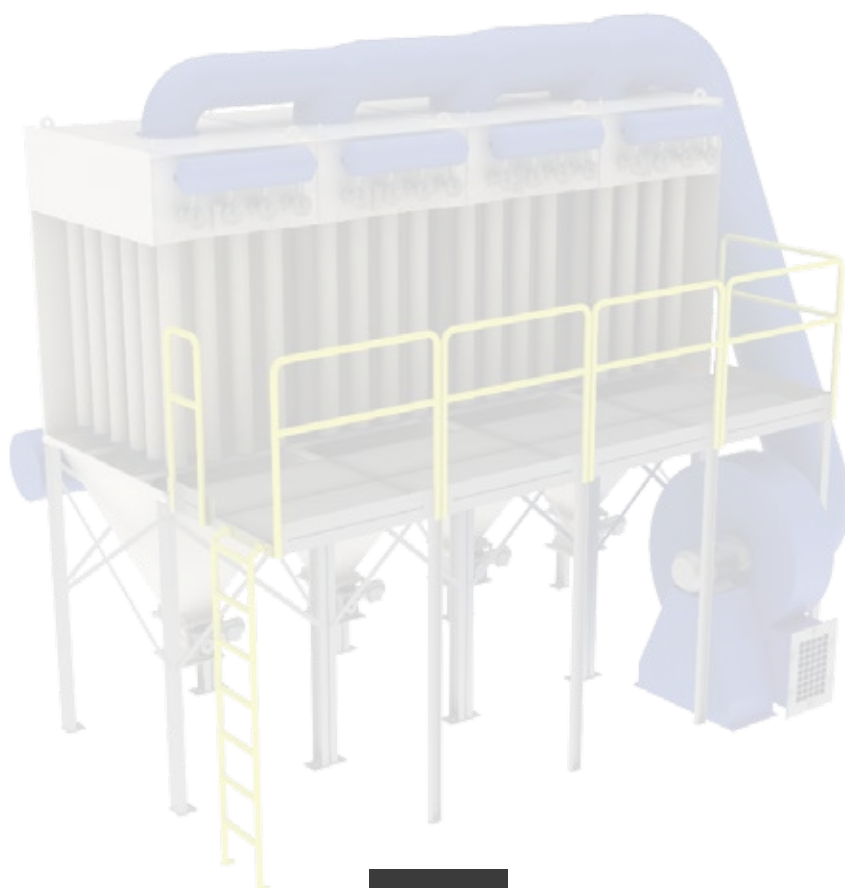
“WE  
SUPPRESS  
DUST AT THE  
SOURCE”





VIVO CONSULT

Our products and services help protect the environment



2016

# 1. Silo venting filters (VN-series)

## 1.1. TYPE VN1000

### DESCRIPTION

- silo venting filter VN1000 is a cylindrically shaped dust collector for dedusting of pneumatically filled silos

### OPERATION QUALITIES

- flow rate 1000 m<sup>3</sup>/h
- filter area 15 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 97 kg

### DESIGN

- carbon steel pressure resistant body
- 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
- pressure air connection: internal thread G ½"
- electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)

### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



# 1. Silo venting filters (VN-series)

## 1.2. TYPE VN1000 V

### DESCRIPTION

- silo venting filter VN1000 V is a cylindrically shaped dust collector for dedusting of silos

### OPERATION QUALITIES

- flow rate 1000 m<sup>3</sup>/h
- filter area 15 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 138 kg

### DESIGN

- carbon steel pressure resistant body
- 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
- pressure air connection: internal thread G 1/2"
- electromagnetic valve (1 pc), safety valve (1 pc), pressure regulator (1 pc)

### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



# 1. Silo venting filters (VN-series)

## 1.3. TYPE VN1000 V/KN

### DESCRIPTION

- silo venting filter VN1000 V is a cylindrically shaped dust collector with dust collection box and support construction
- suitable for local dedusting (for example – big bags, welding operations etc.)

### OPERATION QUALITIES

- flow rate 1000 m<sup>3</sup>/h
- filter area 15 m<sup>2</sup>
- fan 1,5 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 206 kg

### DESIGN

- carbon steel pressure resistant body
- 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
- pressure air connection: internal thread G 1/2"
- electromagnetic valve(1 pc), safety valve (1 pc), pressure regulator (1 pc)
- dust collection box and support construction

### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



# 1. Silo venting filters (VN-series)

## 1.4. TYPE VN1500

### DESCRIPTION

- silo venting filter VN1500 is a cylindrically shaped dust collector for dedusting of pneumatically filled silos

### OPERATION QUALITIES

- flow rate 1000 m<sup>3</sup>/h
- filter area 24 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 132 kg

### DESIGN

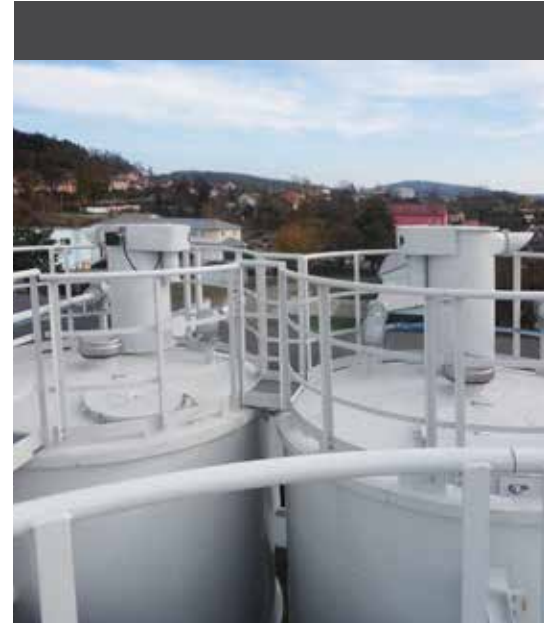
- carbon steel pressure resistant body
- dust collector body diameter 600 mm
- filtered air blows away through the hole between casing and top cover
- filter element: 1x filter cartridge made of polyester in basic design diameter 325 mm, length 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- pressure air connection: internal thread G 1/2"
- electromagnetic valve(1 pc), safety valve (1 pc), pressure regulator (1 pc)

### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system





# 1. Silo venting filters (VN-series)

## 1.5. TYPE VN1500 V

### DESCRIPTION

- silo venting filter VN1500 V is a cylindrically shaped dust collector for dedusting of silos

### OPERATION QUALITIES

- flow rate 1500 m<sup>3</sup>/h
- filter area 24 m<sup>2</sup>
- fan 2,2 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 173 kg

### DESIGN

- carbon steel pressure resistant body
- dust collector body diameter 600 mm
- filter element: 1x filter cartridge made of polyester in basic design diameter 325 mm, lenght 1500 mm
- air tank with JET-PULS filter cartridges recovery and timer
- pressure air connection: internal thread G 1/2"
- electromagnetic valve(1 pc), safety valve (1 pc), pressure regulator (1 pc)

### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



## 2. Local dust collectors (VP-series)

### 2.1. TYPE VP0600

#### DESCRIPTION

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

#### OPERATION QUALITIES

- flow rate 1000 m<sup>3</sup>/h
- filter area 17,8 m<sup>2</sup>
- fan: 1,5 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 195 kg

#### DESIGN

- carbon steel pressure resistant body
- 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
- pressure air connection: 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: 3x400VAC, 50Hz
- dust collection box or rotary feeder with support construction
- noise silencer
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

#### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system





## 2. Local dust collectors (VP-series)

### 2.2. TYPE VP1200

#### DESCRIPTION

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

#### OPERATION QUALITIES

- flow rate 1800 m<sup>3</sup>/h
- filter area 35,6 m<sup>2</sup>
- fan: 2,2 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 276 kg

#### DESIGN

- carbon steel pressure resistant body
- filter element: 9x filter cartridge made of polyester in basic design diameter 145 mm, lenght 1200 mm
- air tank with JET-PULS filter cartridges recovery and timer
- pressure air connection: 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: 3x400VAC, 50Hz
- dust collection box or rotary feeder 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
- perfect recovery of filter element with built-in JET-PULS system



## 2. Local dust collectors (VP-series)

### 2.3. TYPE VP1500

#### DESCRIPTION

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

#### OPERATION QUALITIES

- flow rate 2700 m<sup>3</sup>/h
- filter area 44,5 m<sup>2</sup>
- fan: 3,0 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 320 kg

#### DESIGN

- carbon steel pressure resistant body
- 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
- pressure air connection: 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: 3x400VAC, 50Hz
- dust collection box or rotary feeder with support construction
- noise silencer
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

#### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



## 2. Local dust collectors (VP-series)

### 2.4. TYPE VP1500/5,5

#### DESCRIPTION

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

#### OPERATION QUALITIES

- flow rate 4000 m<sup>3</sup>/h
- filter area 44,5 m<sup>2</sup>
- fan: 5,5 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 327 kg

#### DESIGN

- carbon steel pressure resistant body
- filter element: 9x filter cartridge made of polyester in basic design diameter 145 mm, lenght 1200 mm
- air tank with JET-PULS filter cartridges recovery and timer
- pressure air connection: 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: 3x400VAC, 50Hz
- dust collection box or rotary feeder with support construction
- noise silencer
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

#### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



## 2. Local dust collectors (VP-series)

### 2.5. TYPE VP1500/KR3

#### DESCRIPTION

- box-shaped dust collector for dedusting of storage silos, belt conveyor transfer points, telescopic loading spouts, welding and cutting machines etc.
- equipped with dust hopper, support construction and rotary feeder

#### OPERATION QUALITIES

- flow rate 2700 m<sup>3</sup>/h
- filter area 44,5 m<sup>2</sup>
- fan: 3,0 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 519 kg

#### DESIGN

- carbon steel pressure resistant body
- 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
- electromagnetic valve (3 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
- support construction with dust hopper
- rotary feeder 250 x 250, 0.55 kW
- electric control box: 3x400VAC, 50Hz

#### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

#### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



## 2. Local dust collectors (VP-series)

### 2.6. TYPE VP1500/KR5,5

#### DESCRIPTION

- box-shaped dust collector for dedusting of storage silos, belt conveyor transfer points, telescopic loading spouts, welding and cutting machines etc.
- equipped with dust hopper, support construction and rotary feeder

#### OPERATION QUALITIES

- flow rate 4000 m<sup>3</sup>/h
- filter area 44,5 m<sup>2</sup>
- fan: 5,5 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 6 Nm<sup>3</sup>/h
- pressure loss 1500 Pa
- weight: 549 kg

#### DESIGN

- carbon steel pressure resistant body
- 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
- pressure air connection: internal thread G 1/2"
- pressure switch to indicate the filter cartridges are plugged
- support construction with dust hopper
- rotary feeder 250 x 250, 0,55 kW
- electric control box: 3x400VAC, 50Hz

#### ADDITIONAL ACCESSORIES

- ATEX, food or chemical industry design
- non-standard temperature design -40°C/+150°C
- available also with mechanical filter cartridge recovery

#### BENEFITS

- robust design
- easy filter element replacement
- low dust emission level
- excellent access to every filter component
- perfect recovery of filter element with built-in JET-PULS system



## 3. Industrial filtration (VM-series)

### 3.1. TYPE VM1500-1-18

#### 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, chemistry, food industry etc.)

#### OPERATION QUALITIES

- flow rate 3 800-5 940 m<sup>3</sup>/h
- filter area 89 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6-8 Nm<sup>3</sup>/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)
- pressure air connection: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>2</sup> /m <sup>2</sup> /min)
3 800	5,5	3 950	0,90
3 800 - 4 800	7,5	3 950	1,12
4 800 - 5 940	9,2	4 200	1,39



# 3. Industrial filtration (VM-series)

## 3.2. TYPE VM1500-1-24

### 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, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 5 100 - 8 240 m<sup>3</sup>/h
- filter area 118 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6-8 Nm<sup>3</sup>/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: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /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

# 3. Industrial filtration (VM-series)

## 3.3. TYPE VM2000-1-18

### 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, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 6 000 - 8 400 m<sup>3</sup>/h
- filter area 118 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6-8 Nm<sup>3</sup>/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)
- pressure air connection: internal thread G ½"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /min)
6 000 - 7 500	11,0	4 000 - 3 750	0,85 - 1,06
7 500 - 8 400	15,0	4 250 - 4 150	1,06 - 1,19
7 500 - 8 400	18,5	4 950 - 4 900	1,06 - 1,19

# 3. Industrial filtration (VM-series)

## 3.4. TYPE VM2000-1-24

### 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, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 6 000 - 12 000 m<sup>3</sup>/h
- filter area 158 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6-8 Nm<sup>3</sup>/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 1/2"
- pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /min)
6 000 - 7 500	11,0	4 000 - 3 750	0,63 - 0,79
7 500 - 9 600	15,0	4 250 - 3 950	0,79 - 1,01
7 500 - 12 000	18,5	4 950 - 4 350	0,79 - 1,26

## 3. Industrial filtration (VM-series)

### 3.5. TYPE VM2000-1-24

#### 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, chemistry, 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 6-8 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: 3x400VAC, 50Hz
- 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



Flow rate (m <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>2</sup> /m <sup>2</sup> /min)
6 000 - 7 500	11,0	4 000 - 3 750	0,85 - 1,06
7 500 - 8 400	15,0	4 250 - 4 150	1,06 - 1,19
7 500 - 8 400	18,5	4 950 - 4 900	1,06 - 1,19

# 3. Industrial filtration (VM-series)

## 3.6. TYPE VM2000-2-36

### 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, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 10 000 - 15 500 m<sup>3</sup>/h
- filter area 236 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 6-8 Nm<sup>3</sup>/h
- pressure loss 1500 Pa

### DESIGN

- 2x 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, lenght 2000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (6 pcs), safety valve (2 pcs), pressure regulator (2 pcs)
- pressure air connection: internal thread G 1/2"
- 2x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /min)
10 000	15,0	3 700	0,71
10 000 - 12 500	18,5	4 100	0,88
12 500 - 15 500	22,0	4 000	1,10

## 3. Industrial filtration (VM-series)

### 3.7. TYPE VM2000-2-48

#### DESCRIPTION

- two-box shaped dust collector for central filtration
- suitable for various industrial areas with non-stop operation (energy, building industry, foundries, welding, chemistry, food industry etc.)

#### OPERATION QUALITIES

- flow rate 13 500-21 000 m<sup>3</sup>/h
- filter area 316 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 8-10 Nm<sup>3</sup>/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 diameter 156 mm, length 2000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (8 pcs), safety valve (2 pcs), pressure regulator (2 pcs)
- pressure air connection: internal thread G 1/2"
- 2x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /min)
13 500	18,5	3 900	0,71
13 500 - 17 000	30,0	4 600	0,9
17 000 - 21 000	37,0	4 600	1,10



# 3. Industrial filtration (VM-series)

## 3.8. TYPE VM2000-3-54

### DESCRIPTION

- three-box shaped dust collector for central filtration
- suitable for various industrial areas with non-stop operation (energy, building industry, foundries, welding, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 15 000 - 23 500 m<sup>3</sup>/h
- filter area 354 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 10-12 Nm<sup>3</sup>/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, lenght 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 1/2"
- 3x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /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

# 3. Industrial filtration (VM-series)

## 3.9. TYPE VM2000-3-72

### DESCRIPTION

- three-box shaped dust collector for central filtration
- suitable for various industrial areas with non-stop operation (energy, building industry, foundries, welding, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 20 000 - 31 500 m<sup>3</sup>/h
- filter area 474 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 10-12 Nm<sup>3</sup>/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 1/2"
- 3x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>2</sup> /m <sup>2</sup> /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

# 3. Industrial filtration (VM-series)

## 3.10. TYPE VM2000-4-72

### DESCRIPTION

- four-box shaped dust collector for central filtration
- suitable for various industrial areas with non-stop operation (energy, building industry, foundries, welding, chemistry, food industry etc.)

### OPERATION QUALITIES

- flow rate 20 000 - 31 500 m<sup>3</sup>/h
- filter area 474 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 14-16 Nm<sup>3</sup>/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, lenght 2000 mm
- air tank with JET-PULS filter cartridges recovery and timer
- electromagnetic valve (12 pcs), safety valve (4 pcs), pressure regulator (4 pcs)
- pressure air connection: internal thread G ½"
- 4x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /min)
20 000	37,0	4 500	0,71
20 000 - 26 000	45,0	4 500	0,91
26 000 - 31 500	55,0	4 600	1,10

## 3. Industrial filtration (VM-series)

### 3.11. TYPE VM2000-4-96

#### DESCRIPTION

- four-box shaped dust collector for central filtration
- suitable for various industrial areas with non-stop operation (energy, building industry, foundries, welding, chemistry, food industry etc.)

#### OPERATION QUALITIES

- flow rate 27 600 - 42 000 m<sup>3</sup>/h
- filter area 632 m<sup>2</sup>
- residual dust concentration at the output <10 mg/m<sup>3</sup>
- temperature resistance -20°C/+80°C
- compressed air needed 6 bar, consumption 14-16 Nm<sup>3</sup>/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)
- pressure air connection: internal thread G 1/2"
- 4x pressure switch to indicate the filter cartridges are plugged
- electric control box: 3x400VAC, 50Hz
- 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 <sup>3</sup> /h)	Fan (kw)	Fan underpressure (Pa)	Filter surface load (m <sup>3</sup> /m <sup>2</sup> /min)
27 000	45,0	4 200	0,70
27 000 - 34 000	55,0	3 600	0,90
34 000 - 42 000	75,0	3 600	1,10

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