

Dust Extractors

Modular Dust Extractors

DUSTMAC P (Cartridge Filters)



DUSTMAC P (with cartridge filters)

Application Range

- » Central extraction of multiple dust generating machines
- » Suitable for dry, pourable types of dust



Ideal for

- Chemical dust
- CRP-/GRP-dusts
- CRP-/GRP-shavings
- Metal dust
- Mineral dust
- Stone dust

Special Versions

- » Special filter materials
- » Custom paint finish
- » Fan with various capacities
- » Coating for outdoor installation
- » **NEW** Pipe pre-separator
- » Pre-separator
- » ATEX version



The DUSTMAC series is also suitable for outdoor installation

ESTA PLUS

Special Features

- » Pulse-jet filter cleaning system
- » Integrated Pre-separator
- » Cleanable long life cartridge filters (Dust classification M)

Your Benefits

- » Suitable for most types of dust
- » Low operating costs due cleanable filter cartridges
- » Modular design (expandable)
- » Customer specific design

Data dependent on equipment type

Technical Data

| DUSTMAC | | P-20 | P-40 | P-60 | P-90 |
|-----------------------------|-------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Max. Airflow | m ³ /h | ca. 2.600 | ca. 4.500 | ca. 7.800 | ca. 9.700 |
| Intake/outlet diameter | mm | 160/280 | 224/355 | 280/300 | 355/450 |
| Max. negative pressure | Pa | 2.000 | 3.200 | 3.800 | 3.800 |
| Voltage | V | 400 | 400 | 400 | 400 |
| Motor | kW | 2.2 | 4.0 | 5.5 | 7.5 |
| Filter surface | m ² | 20 | 40 | 60 | 90 |
| Filter elements | Pieces | 2 | 4 | 6 | 9 |
| Dust collection container l | | 100 | 100 | 100 | 100 |
| Dimensions (L/W/H) | mm | 1.310 x 1.055 x 3.250 | 1.310 x 1.300 x 3.295 | 1.750 x 1.300 x 3.740 | 1.900 x 1.880 x 3.770 |
| Sound emission | dB(A) | 67 | 73 | 78 | 83 |
| Order Number | | 661.020 | 661.040 | 661.060 | 661.090 |

Modular Extractors

DUSTMAC S (Tubular Bag Filters)



DUSTMAC S (with tubular bag filters)

Application Range

- » Central extraction of multiple industrial dust generating work-stations or machines
- » Suitable for fine, fibrous and sticky types of dust



Ideal for

- Cotton dust
- Chemical dust
- CRP-/GRP-dusts
- Flock dust
- Plastic dust
- Chalk
- Metal shavings
- Paper strips
- Soot
- Cement dust

Special Versions

- » Special filter materials
- » Custom paint finish
- » Fan with various capacities
- » Coating for outdoor installation
- » Pre-Separator
- » ATEX-approved version optional



Central extraction systems with two DUSTMAC S filter modules each

Special Features

- » Pulse-jet filter cleaning system
- » Cleanable long life tubular bag filters for dust classification M

Your Benefits

- » Low operating costs due cleanable filter cartridges
- » Modular design (expandable)
- » Customer specific design

Data dependent on equipment type

Technical Data

| DUSTMAC | | S-5 | S-10 | S-17 | S-25 | S-33 |
|-----------------------------|-------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Max. Airflow | m ³ /h | ca. 2.600 | ca. 3.500 | ca. 4.500 | ca. 5.400 | ca. 9.700 |
| Intake/outlet diameter | mm | 160/280 | 200/300 | 224/355 | 280/400 | 355/400 |
| Max. negative pressure | Pa | 2.000 | 2.600 | 3.200 | 3.200 | 3.800 |
| Voltage | V | 400 | 400 | 400 | 400 | 400 |
| Motor | kW | 2.2 | 3.0 | 4.0 | 5.5 | 7.5 |
| Filter surface | m ² | 5 | 10.5 | 17 | 25 | 33 |
| Hoses | Pieces | 13 | 20 | 32 | 48 | 48 |
| Dust collection container l | | 50 | 50 | 50 | 50 | 50 |
| Dimensions (L/W/H) | mm | 1.400 × 1.055 × 3.465 | 1.400 × 1.310 × 3.470 | 1.820 × 1.310 × 3.875 | 1.820 × 1.750 × 3.990 | 1.880 × 1.750 × 4.400 |
| Sound emission | dB(A) | 67 | 69 | 74 | 76 | 82 |
| Order Number | | 662.005 | 662.010 | 662.017 | 662.025 | 662.033 |

Additional informations about the modular extractor DUSTMAC can be found beginning on page 97