

EDRIZZI SYSTEMS

PAINT MIST ARRESTORS



Made from fire retardant corrugated board, the patented edrizzi® paint mist separators have a capacity of up to 25 kg with a separation efficiency of up to 97%. The system saves both time and costs. The paint mist separators can be quickly replaced and disposed of at low cost in incineration plants. They complete our portfolio of multi-stage filter systems.





SPECIFICATIONS	
Paint storage capacity	25 kg
Arrestance for paint mist	up to 97 %
Nominal air flow	500 – 750 m ³ /h
Thermal stability	80 °C
Fire class	B1 according to DIN 4102 – very flame retardant
Fire class	F1 according to DIN 53438
Moisture resistance	up to 70 % rel. hum.

Application

edrizzi® paint mist arrestors allow high-quality dry separation in spray booths. They are perfect as a prefilter in multistage filtration systems by Freudenberg Filtration Technologies.

Features and benefits

- The simple but innovative design of these patented paint mist arrestors provides paint shops with cost-effective, efficient dry separation with a high paint storage capacity.
- The handy boxes are made from fire-retardant corrugated cardboard. This guarantees a safe and stable application.
- The majority of the overspray is collected in the front third of the paint mist arrester. The guidance systems deep inside ensure optimum arrestance efficiency and are designed not to become saturated too fast.
- edrizzi® paint mist arrestors reduce noise levels in the spraying area by 15 to 20 dB.
- The dried paint can be disposed of cost-effectively.

Special features

There is a suitable edrizzi® paint mist arrester for every type of paint and application:

- The edrizzi® Vario medium is the solution for the majority of surface materials.
- The edrizzi® Vario fine is used for applications in which the edrizzi® Vario medium reaches its limits in terms of arrestance efficiency. Application examples include high-rotation bells, very finely atomized solvent coatings and nano coatings.
- The edrizzi® Vario coarse is the solution for applications in which paint cakes build up on the inlet side of the edrizzi® medium, preventing attainment of the maximum service life.

Note

When using the product for its intended purpose as a paint mist arrester, it is necessary to comply with the safety regulations for avoiding self-ignition. See reverse side of this data sheet.

You can find assembly instructions on our YouTube channel

www.youtube.com/user/FreudenbergFilter

Delivery notes

edrizzi® paint mist arrestors are delivered unassembled in lots of 20 pieces, allowing cost-effective transport and storage. Inner and outer box are delivered separately.

ARTICLE	ARTICLE NUMBER	DIMENSIONS (W×H×D) [mm]	INITIAL PRESSURE DROP [Pa]	WEIGHT, EMPTY [kg]
edrizzi Vario coarse	53534365 + 53534347	485 × 485 × 495	95	1.6
edrizzi Vario medium	53534365 + 53534348	485 × 485 × 495	185	1.9
edrizzi Vario fine	53534365 + 53534364	485 × 485 × 495	250	2.2
edrizzi Vario S coarse	53534344 + 53534331	485 × 485 × 295	33	0.8
edrizzi Vario S medium	53534344 + 53534332	485 × 485 × 295	120	1.1
edrizzi Vario S fine	53534344 + 53534333	485 × 485 × 295	175	1.4
edrizzi Vario Aufnahmerahmen	53534366	500 × 500 × 466	-	-
edrizzi Vario S Aufnahmerahmen	53534345	500 × 500 × 265	-	-

Subject to technical changes.



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Application

edrizzi® paint mist arrestors allow high-quality dry separation in spray booths. They are perfect as a prefilter in multistage filtration systems by Freudenberg Filtration Technologies.

Features and benefits

- The simple but innovative design of these patented paint mist arrestors provides paint shops with cost-effective, efficient dry separation with a high paint storage capacity.
- The handy boxes are made from wet strength paper. This guarantees a safe and stable application in areas with strong deviations in relative humidity and in case of intensive loading with water based paints.
- The majority of the overspray is collected in the front third of the paint mist arrester. The guidance systems deep inside ensure optimum arrestance efficiency and are designed not to become saturated too fast.
- edrizzi® paint mist arrestors reduce noise levels in the spraying area by 15 to 20 dB.
- The dried paint can be disposed of cost-effectively.

Special features

There is a suitable edrizzi® paint mist arrester for every type of paint and application:

- The edrizzi® Vario medium is the solution for the majority of surface materials.
- The edrizzi® Vario fine is used for applications in which the edrizzi® Vario medium reaches its limits in terms of arrestance efficiency. Application examples include high-rotation bells, very finely atomized solvent coatings and nano coatings.
- The edrizzi® Vario coarse is the solution for applications in which paint cakes build up on the inlet side of the edrizzi® medium, preventing attainment of the maximum service life.

Note

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ARTICLE	ARTICLE NUMBER	DIMENSIONS (W×H×D) [mm]	INITIAL PRESSURE DROP [Pa]	WEIGHT, EMPTY [kg]
edrizzi Vario hydro coarse	53537032 + 53537030	485 × 485 × 495	55	1.6
edrizzi Vario hydro medium	53537032 + 53537031	485 × 485 × 495	90	1.9
edrizzi Vario hydro fine	53537032 + 53537206	485 × 485 × 495	110	2.2
edrizzi Vario S hydro coarse	53537029 + 53537024	485 × 485 × 295	20	0.8
edrizzi Vario S hydro medium	53537029 + 53537026	485 × 485 × 295	70	1.1
edrizzi Vario S hydro fine	53537029 + 53537028	485 × 485 × 295	105	1.4

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