

MIST ELIMINATOR

Model A-6ME Moisture / Oil Separator

Description

A-6ME Mist Eliminator moisture / oil separators are highly effective in significantly reducing oil mist, water mist, fog or droplets from outside air or recirculated air. In addition, they are useful downstream of DX or chilled water coils and steam or mist-type humidifiers which allows saturated air to condense out. Also used in turbine intakes and as a spark arrestance etc. A-6ME Mist Eliminator is designed for a minimum efficiency of 98% on 20 microns water or oil droplets when operating at 2.54 m/sec face velocity

Construction

A-6ME's are constructed of a 1.5mm galvanised steel frame (standard); 1.2mm type 304 stainless steel is optional. There are drain holes equally spaced on all four sides. Dimples are available on request. 25mm, 50mm, 75mm, 100mm, or any size or thickness can be made. Frames have welded construction; all seams on the air exit side. Bail handles are available to make front load applications easier. Gaskets are available.

The media pack in a 50mm filter is 16 layers of expanded metal, knitted mesh (to allow the fluid to drain easily), and corrugated wire screen. Galvanised material is standard. Type 304 stainless steel is optional. 100mm Frame with 50mm media pack also available.

Performance

A-6ME Mist Eliminator is designed to operate at a face velocity of 2.54 m/sec. The velocity should not exceed 2.80 m/sec

Installation

A-6ME Mist Eliminator must be vertically installed in order to operate at peak efficiency. Mounting hardware must be designed to support the mist eliminator with adequate drainage.

Frame Options

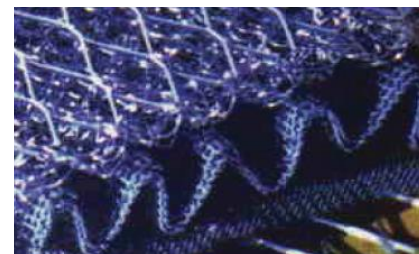
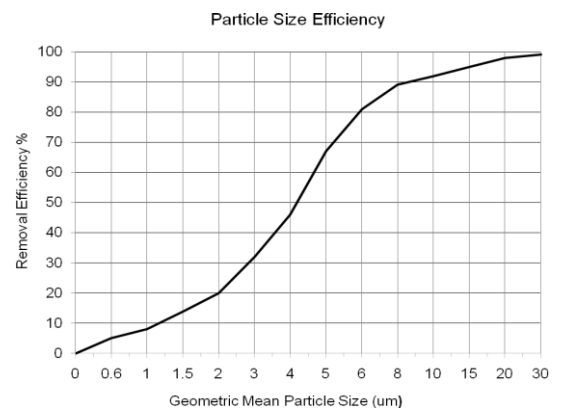
- 1.2mm type 304 stainless steel frame
- 25mm, 50mm, 75mm, 100mm, or any size or thickness can be made
- Bail handles are available to make front load applications easier.
- Gaskets are available
- 100mm Frame with 50mm media pack

Filter Media Options

- Type 304 stainless steel



A-6ME Mist Eliminator in 304SS



Close Up of Filter Layers
A-6ME Mist Eliminator

A-6ME Mist Eliminator

Performance Data								
Capacities and Dimensions								
Product Code	Actual Size	Face Velocity m/sec						Weight
	H x W x D (mm)	1.90 (l/sec)	PD (Pa)	2.54 (l/sec)	PD (Pa)	2.80 (l/sec)	PD (Pa)	(kg's)
STA6ME29559550	295 x 595 x 50	354	35	472	55	520	70	3.2
STA6ME39549550	395 x 495 x 50	392	35	524	55	577	70	3.4
STA6ME49549550	495 x 495 x 50	490	35	655	55	722	70	4.0
STA6ME59559550	595 x 595 x 50	708	35	944	55	1040	70	5.0
STA6ME295595100*	295 x 595 x 100	354	35	472	55	520	70	4.5
STA6ME595595100*	595 x 595 x 100	708	35	944	55	1040	70	8.6

* 100mm Frame with 50mm media pack

Airepure Australia Pty Ltd

A.B.N. 16 085 671 129

Email: info@airepure.com.au

Web: www.airepure.com.au

The information provided in this brochure is accurate at the time of printing to the best of Airepure Australia's knowledge, however, it should not be relied upon. Circumstances differ with every installation and location therefore suitability of all Airepure products should be confirmed with a qualified Airepure Technical Representative. ©Airepure Australia 2015

