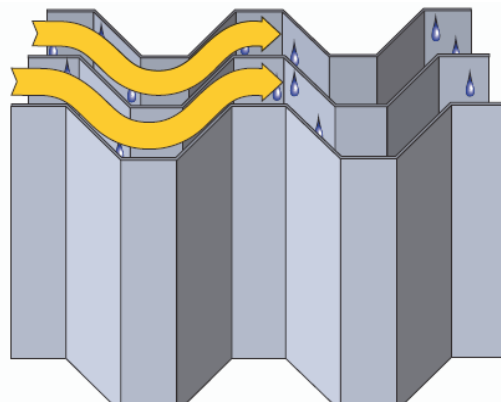
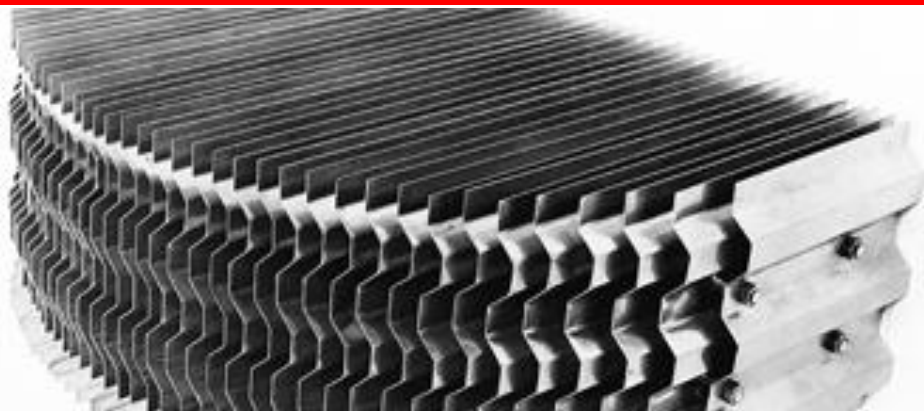


Vane Mist Eliminators

Mist Eliminator



Vaness are parallel corrugated sheets held at fixed distances which creates a serpentine flow path for mist laden gas. As the mist laden gas flows through the vane, it changes direction several times subsequently resulting in the introduction of a certain level of centrifugal forces to fluids. Inertia carries the heavier liquid droplets onto the vane surface, where they adhere and coalesce to form a liquid film which trickles down due to gravity.

AMACS has several different styles of vane packs; non-pocket, pocket etc. Typically, pocketed vanes can handle higher gas and liquid loading as the separated liquid will be shielded from the gas flowing through the vane pack, thus preventing re-entrainment.

AMACS has various vane styles and configurations with their selection being tailored to specific requirements. They can be built to any shape to suit the geometry and are installed in both vertical and horizontal flow configuration.

Advantages:

- High gas & liquid handling capacity
- Low pressure drop
- Rugged construction
- Wide variety of materials
- Resistant to fouling
- Easy to clean
- Pocketed and non-pocket design

Material

- Stainless steel: 304ss, 316ss, 410ss
- Exotic Metal: Alloy 20, 904L, C276, Monel, Inconel, Duplex etc

Style	No. of Passes	Plate Spacing	Plate Length
Plate-Pak™ Vane (Standard Non-Pocket Design) – Horizontal and Vertical Flow			
V-H-12 / V-V-12	4 to 6	0.25" / 0.375" / 0.5"	5" / 6" / 8"
V-H-12 / V-V-12	4 to 6	0.25" / 0.375" / 0.5"	5" / 6" / 8"
Multi-Pocket™ Vane (Horizontal Flow)			
MPV-V-12	4 to 6	0.5"	5" to 8"
Double Pocket Vane (Horizontal Flow)			
DP-V-HF	Confidential	Confidential	Confidential
Double Pocket Vane (Vertical Flow)			
DP-H-VF	Confidential	Confidential	Confidential

*** Custom plate space and profiles are also available