



ENERGY SAVING • ENVIRONMENTAL PROTECTION • PLASTICS EXPERTS

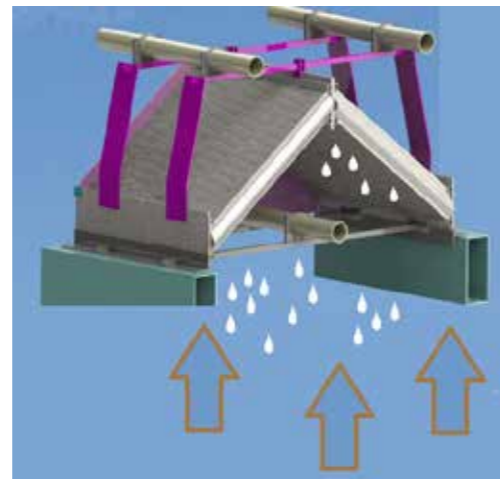
High Efficient Mist Eliminators



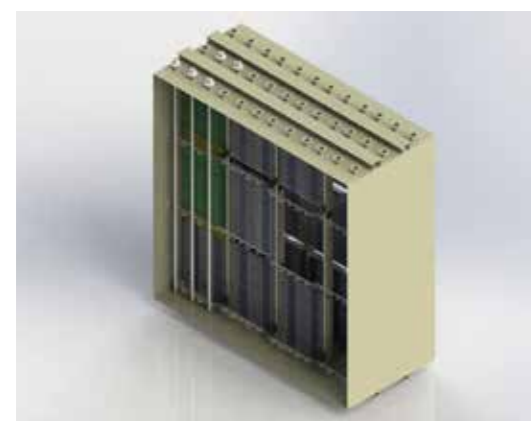
High Efficient Mist Eliminators

Features:

- Design layout utilises internally developed software ensuring that the performance to costs ratio is optimised.
- The Clyde Bergemann Mist Eliminator system not only includes sine form profiles but also our specially designed and patented drop shape tubes.
- Every Clyde Bergemann Mist Eliminator and water wash design module is subject to a full simulation and physical test programme with all results verified by testing devices.
- Flexible design combinations mean that the Clyde Bergemann Mist Eliminator can accommodate the variations on emissions regulations standards and customer specific requirements.
- In addition to simplifying the site installation process, the modular design of the Clyde Bergemann Mist Eliminator facilitates easy identification of spare parts.
- More than 700 reference projects for FGD Towers ranging in size from 3 to 22 metres diameter.



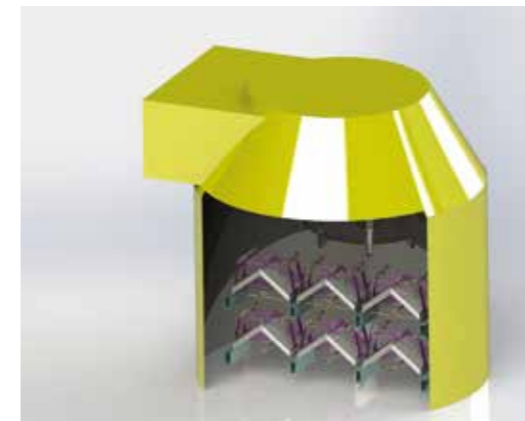
Application Conditions and Scope of Supply	
Applicable temperature	<ul style="list-style-type: none"> • Long term operation under 80 °C
Range of supplies	<ul style="list-style-type: none"> • Arrangement and design of main support beam and water pipe connection in the FGD tower. • Mist Eliminator: modules and connection parts • Wash system: pipes with nozzle and pipe supports
Material	<ul style="list-style-type: none"> • Main material: PPTV (PSU and PPS by requirement) • Washing pipe support: Carbon steel covered with PP tubes (high-grade steel by requirement) • Washing pipe: Polypropylene • Nozzle: Polypropylene



Three-stage vertical design mist eliminators with four level wash pipe system for flow gas channel application (last stage can be consisted from double wave profiles)

- Performance of this combination: outlet droplets at normal conditions is around 15-20 mg/Nm³
- Standard pressure drop 250-350 Pa
- Effective removable droplet size: >15 µm (99%)

High Efficient Mist Eliminators



Two-stage roof design mist eliminator with four level water wash pipe system

- Performance of this combination: outlet droplets at normal conditions is around 50-75 mg/Nm³
- Standard pressure drop: 100-180 Pa
- Effective removable droplet size: >15 µm (99%)

Two-stage roof design mist eliminator plus one-stage tubular design combination with four level water wash pipe system

- Performance of this combination: outlet droplets at normal conditions is around 30-50 mg/Nm³
- Standard pressure drop: 170-230 Pa
- Effective removable droplet size: >15 µm (99%)



Three-stage roof design mist eliminator with six water wash pipe system

- Performance of this combination: outlet droplets at normal conditions is around 20-30 mg/Nm³
- Standard pressure drop: 200-280 Pa
- Effective removable droplet size: >15 µm (99%)

Three-stage roof design mist eliminator plus one-stage tubular design combination with six level water wash pipe system

- Performance of this combination: outlet droplets at normal conditions is around 15-20 mg/Nm³
- Standard pressure drop: 250-350 Pa
- Effective removable droplet size: >15 µm (99%)





Contact Us!



RPT Shanghai Environmental Equipment Co.,Ltd

Add : 21F, Wentong Building, No.739,
Kunming Road, Yangpu Dist., 200082 Shanghai, China

Tel: 021-65396385
Fax: 021-65661886
Intenet: <http://www.rptsh.com>