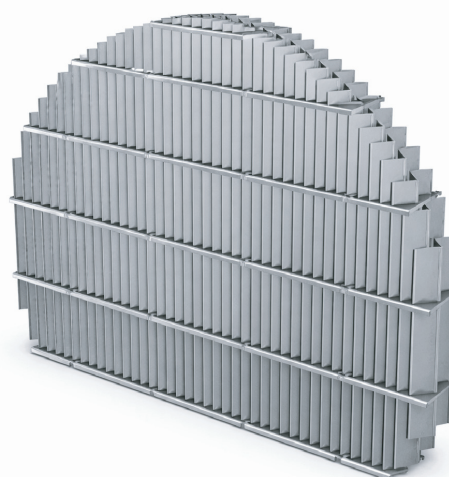
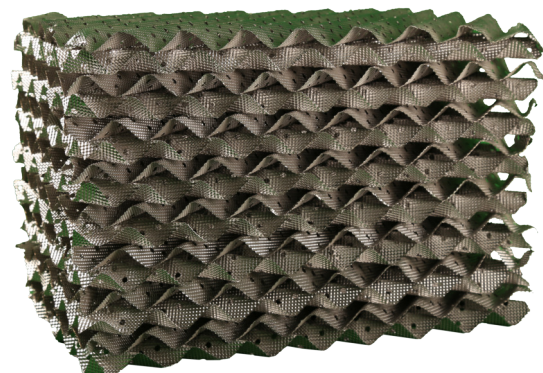


Foam Breaker**Product Coding**
P230101XXX**Introduction**

Foam breaker is an advanced inlet and separation device engineered to handle demanding gas/liquid streams where foam generation and flow instability obstruct efficient phase separation. Through the use of carefully arranged vanes and cyclonic elements, the device stabilizes gas velocity, disrupts foam structures, suppresses surface waves, and initiates early liquid disengagement. Its compact and rugged construction ensures reliable operation under high velocity inlet conditions and in fluids with strong foaming tendencies, ultimately enhancing the performance and stability of horizontal three phase separators and other multiphase separation vessels.

Features

- Uniform gas velocity distribution for improved flow stability
- High efficiency foam reduction using mechanically induced rotational flow
- Minimizes surface disturbance and wave propagation in the inlet region
- Early removal of liquid droplets from the gas stream
- Enhances both gas/liquid and liquid/liquid separation efficiency
- Mitigates buildup of persistent foam layers in oil and multiphase systems
- Suitable for high turbulence and high velocity inlet applications
- Custom designed per vessel geometry for optimized hydraulic performance
- Typically with structure of the mellapak packing or multi bended plates

**Applications**

- Horizontal three phase separators
- Gas/liquid separation vessels
- Knockout drums and flash drums
- Scrubber inlet sections
- Facilities processing foaming crude oils or unstable multiphase fluids
- Systems requiring improved inlet flow conditioning



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