

Scrubbers

Separation : Liquid/Gas
Equipment: Separator
Media : permanent

Applications :

Gas Liquid separation (Water / Oil / gas) with wire mesh eliminators.

Design Pressure:

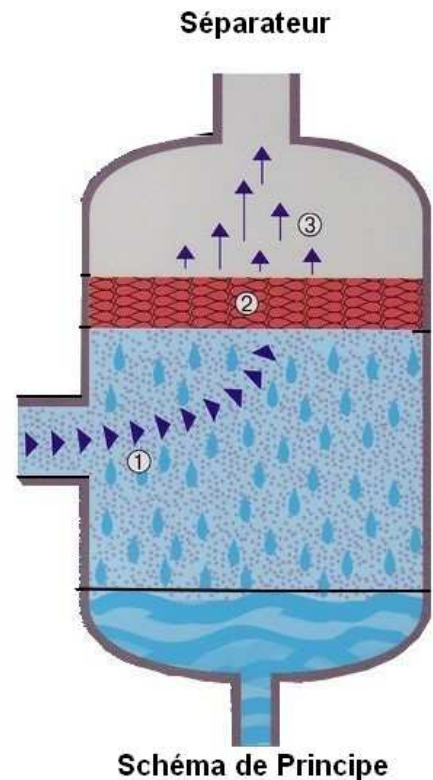
150 & 300 lbs.

Flow rate:

Welded (stainless) steel units are designed for pipe size diameter, from 1" to 20", flanged or butt weld construction.

Efficiency :

98% à 99% for liquid particles > 10 μ



How it works:

When vapor and entrained liquid droplets pass through the eliminator, the vapor moves freely through the mesh pad but the liquid droplets cannot make the necessary sharp turns and as a result are thrown into contact with the filament and briefly held there. As more droplets enter and collect on the filaments, they grow in size, run to the bottom surface of the mesh and fall from the unit. Overhead vapor is now free of entrained liquid.

Key points:

- ◆ High reliability.
- ◆ Construction in carbon steel, stainless steel, and exotic alloys.
- ◆ Construction according to ASME VIII.
- ◆ Design code ASME VIII div 1.

Data :

Fluid and use.
Nominal and design flow rate.
Nominal and design pressure.