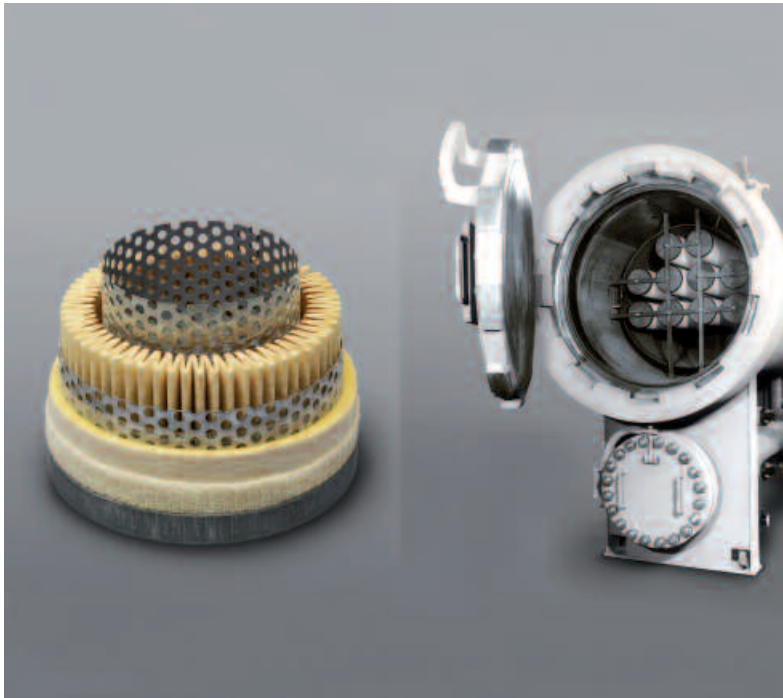


DCM

- Dual function in the same element; removes fine droplets and dust particles
- Removal efficiency of 99.9 % (1 micron)
- Pre-filter media is pleated in order to achieve a low ΔP
- Can be operated either horizontally and vertically
- Designed for operating pressures up to 120 bar
- Compact, efficient design
- Easy installation and retrofit

DCM

Coalescer candles

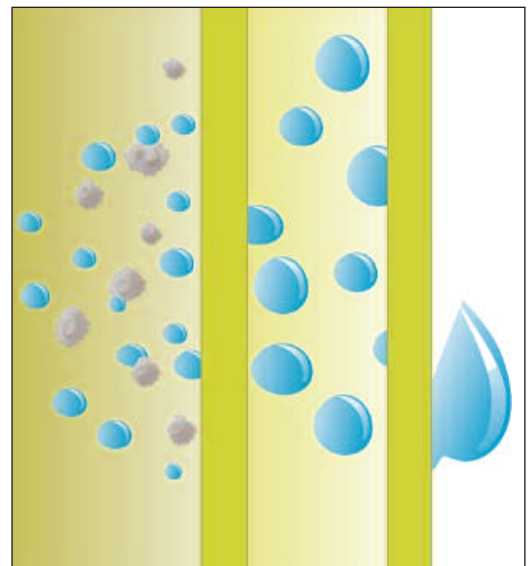


Munters DCM type Coalescer candles are designed to eliminate finest solids and liquid particles from wet gas flows. The candles have an integrated pre-filter considerably increasing the cartridges lifetime. Munters DCM Coalescer candles are particularly effective at removing the finest droplets and solid dust particles entrained in gas flows. Typically they provide a removal efficiency of 99.9 % of 1 micron particles.

Typical applications

DCM Coalescer candles are suited when dust particles, as well as fine droplets, are entrained in the gas. Such applications can include natural gas cleaning, wet gas cleaning or processes inside the refinery.

- Compressor suction drums
- Natural gas cleaning devices
- Refinery



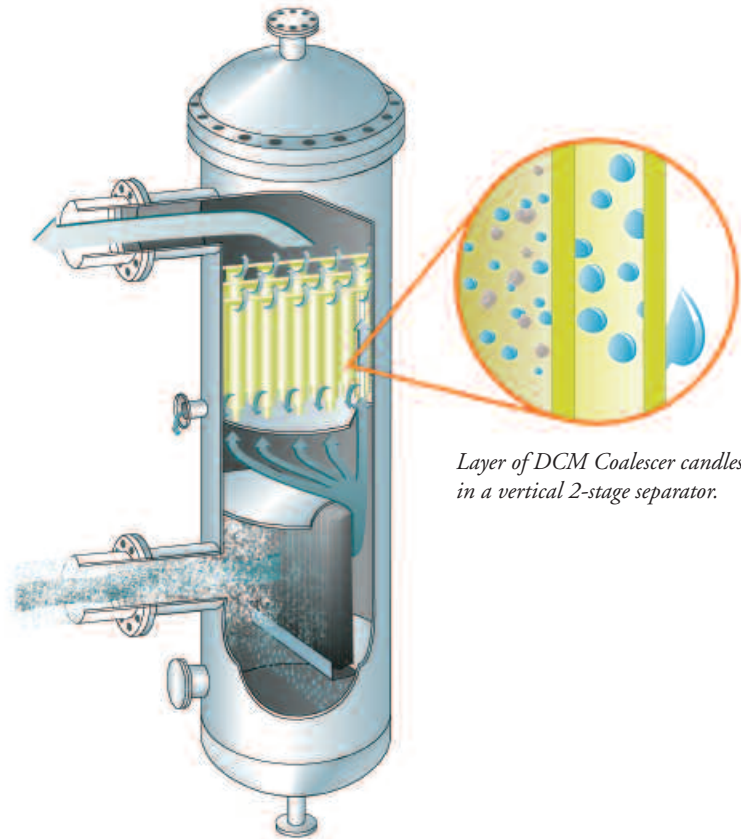
Principle illustration.

Product design

At the centre of the coalescer candle is an aluminium or stainless steel core around which is wrapped cellulose and glass fibre paper. The pleating design of this paper ensures that the DCM Coalescer candles can cope with high flow levels.

This pleated element is encircled by expanded metal which is encased in glass fibre, and this in turn is covered with a cotton sock for final dust particle removal. Usually flow is from the inside to the out, though it is possible to specify the reverse if the situation demands.

DCM Coalescer candles are manufactured in a number of standard sizes (though different dimensions are available on request). They are designed to operate at up to 120 bar. Coalescer candles can be installed in both vertical and horizontal flow configurations. The units are designed to meet project and application requirements.



Layer of DCM Coalescer candles in a vertical 2-stage separator.

Product information

Temperature stability

70 °C (short term maximum temperature 120 °C)

Special material upon request

Operating conditions

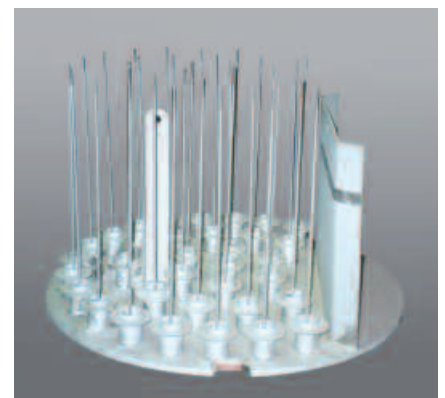
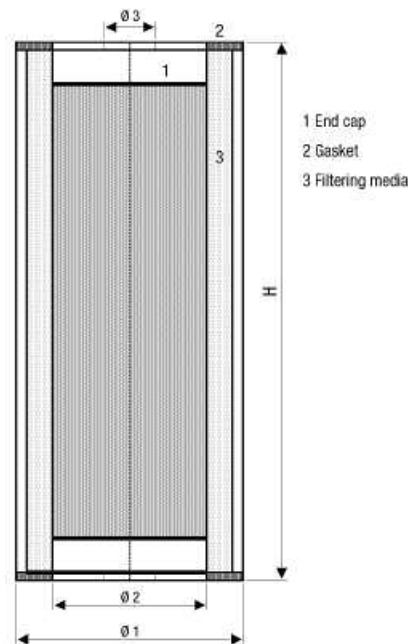
Bursting pressure: 5 bar,

Recommended pressure loss < 1bar

Dimensions

Diameter Ø 1 152 mm
 Ø 2 90 mm
 Ø 3 Fixing hole

Height 368 mm
 559 mm
 736 mm
 838 mm
 1,104 mm



Installation tray for DCM Coalescer candles.

Order information

Other dimensions available upon request. For more technical information please contact your nearest Munters office.



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