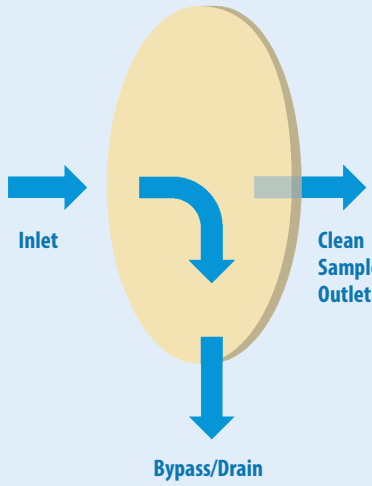
PTFE Membrane Applications

One of our most innovative filtration solutions available, PTFE membranes are perfectly suited for separating liquid from gas molecules, allowing for a pure gas sample to be produced for the protection of analysers and other instruments. We can also separate two liquid phases if required.

A porous PTFE membrane is supported by a sintered, porous stainless steel disc on the outlet side.



The effective combination of carefully manufactured components prevents 100% of liquid molecules from flowing through the membrane; allowing only molecules of gas to pass. Any liquid removed flows through to the drain port. This port can also be used as a bypass function for the main flow.

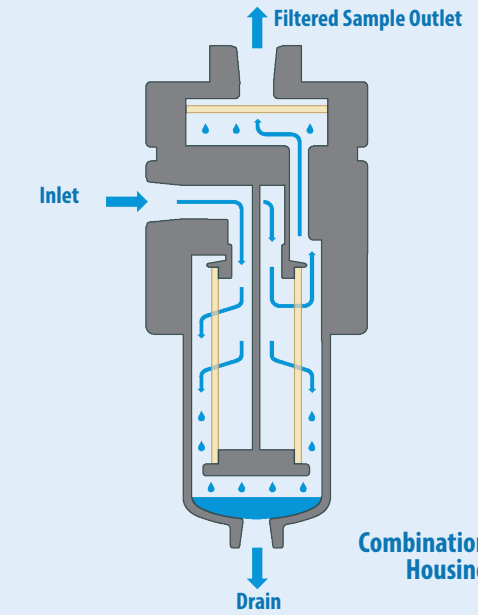
A range of membranes designed to separate two liquid phases are also available as well as an hydrophobic/oleophobic membrane to remove water and oils from a gas stream.

Combination Housing with Filter Element and Membrane

When used in conjunction with a filter element, the service-life of the PTFE membrane can be extended significantly, allowing the filter element to remove the bulk of the liquid before it reaches the membrane.

Just ask us about 'combination filters' when you get in touch.

As well as our standard stocked housings we offer a service to create custom housings to suit your application. Just let us know what you need.



Contact Us

Classic Filters Ltd.
Sextant Park
Neptune Close
Rochester
Kent
England
ME2 4LU

T +44 (0)1634 724224
F +44 (0)1634 724234
E info@classicfilters.com
W www.classicfilters.com

Follow Us

http://www.linkedin.com/company/classic-filters-ltd.

http://www.twitter.com/classicfilters