

1812 SANITARY ELEMENTS

Operated as a cross/tangential flow system, 1812 spiral wound membrane elements are perfect for scaling up from flat sheets or as more complete test before pilot scale. They are also good for small-scale production, feasibility studies, and product or process development. These elements may be operated under a wide combination of feed flow rates, permeate flux, and operating pressure or temperature in order to mimic operating conditions that are representative of full size membrane filtration systems.

1812 spiral wound membrane elements from GE, Nanostone, Sydnor, and TriSep in a wide range of MWCO, membrane material and surface properties.

Stainless steel 316 housing for the 1812 spiral wound membrane elements has a standard design that can be used with commercially available standard 1812 spiral wound elements from different manufacturers. Maximum operating pressure is 600 psi (41 bar).

TYPICAL APPLICATIONS:

- Feasibility or pilot studies
- Process development
- Product development
- Small to average scale production
- Small to average scale treatment
- Residential water treatment systems

