



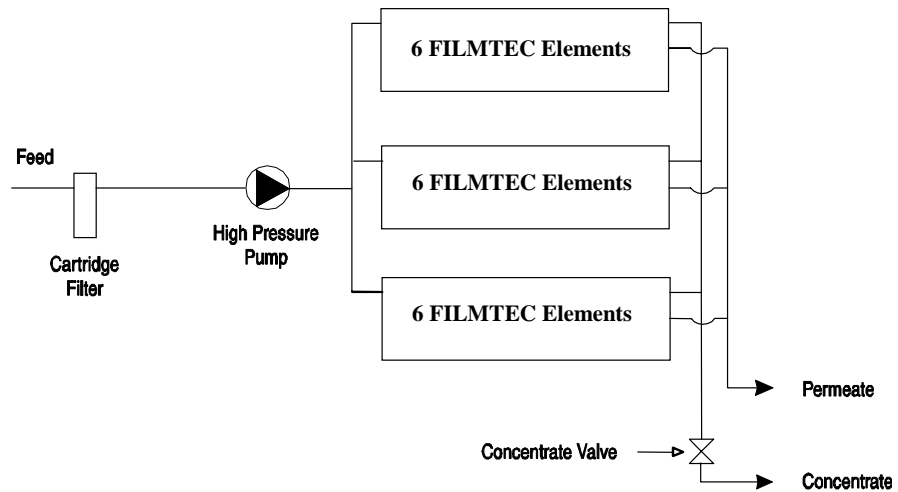
FILMTEC Membranes System Design: Single-Stage System

Single-Stage System

In a single-stage system, two or more modules are arranged in parallel. Feed, product and concentrate lines are connected to manifolds. Other aspects of the system are the same as in a single-module system. Single-stage systems are typically used where the system recovery is less than 50%, e.g., in seawater desalination.

An example of a single-stage system is outlined in Figure 3.4. Each of the three pressure vessels houses six FILMTEC™ elements.

Figure 3.4 Single-stage system



FILMTEC Membranes
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