

4-5. Single Array System

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

An example of a single-array system is outlined in Figure 3. Each of the three pressure vessels houses six CSM elements RE8040-SN.

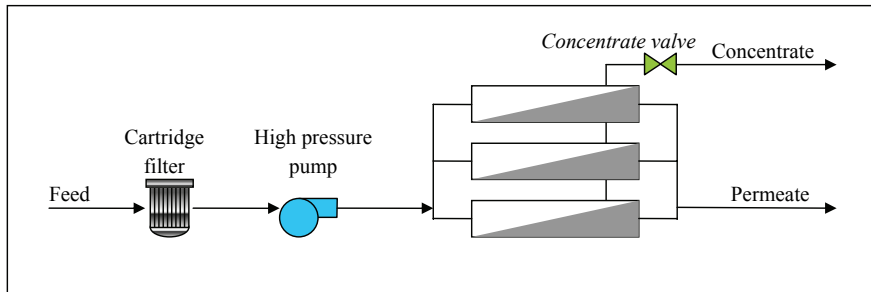


Figure 3 : Single Array System