

APPLICATION SHEET

Secondary cooling water system for industrial usage

Chemical industry, petrochemical industry, refineries, steelworks and other industrial facilities, they all require big quantities of water for cooling purpose. Rivers, canals, sea or wells often provides the most cost effective water source for these industries. The direct utilization of water raw water as process- or cooling water is usually connected with major contamination issues. Strongly dependent of the region, unfiltered raw water can contain elements such as micro-organisms, small aquatic organisms, mussels, and also suspended solids that have a damaging effect upon downstream system components. In order to improve the quality and to prevent negative effects in respect to the heat transfer, materials, and the plant function, the raw water must be filtered.

Using a Bernoulli Filter to strain suspended solids from raw water is a cost efficient way of removing debris. The Bernoulli Filter ensures a continuous supply of cooling water without interruption thus eliminating the need for costly maintenance and periodic shutdowns.

