
DuBois
Filtration Module

Filtration Module

Minimize the corrosive and heat transfer effects of dirt, dust, pollen, bacteria, biofilm, and other solids with our Filtration Module.

Cooling towers are natural air scrubbers. This high efficiency scrubbing brings particulates directly into the water jeopardizing your successful operation.

Results from side-stream filtration

- Increased efficiency due to control of fouling of heat transfer surfaces
- Savings in chemical costs as a result of decreased consumption of surface active chemicals
- Less water required to remove contaminants through blowdown
- Less maintenance required due to a decrease in the accumulation of contaminants
- Increased equipment life due to minimizing effects of under-deposit corrosion and erosion-corrosion
- Decreased biofilm/deposition which deters a Legionella environment

Many water treatment problems are related to mechanical conditions. With sidestream filtration (5-20% of the flow) many of these problems can be minimized.

Ultraviolet light and filtration technology

DuBois utilizes a combination of technologies to accomplish results with minimal environmental impact. UV technology offers such an opportunity. At times, a limitation could be suspended solids, which mask the bacteria. UV cannot kill what it cannot see.

Often, the suspended solids in recirculating water limit the efficiency of the UV process. Through strategic use of the appropriate filtration devices, DuBois has found extraordinary success with UV plus dispersants and/or other lower impact products, minimizing the use of less desirable chemicals.

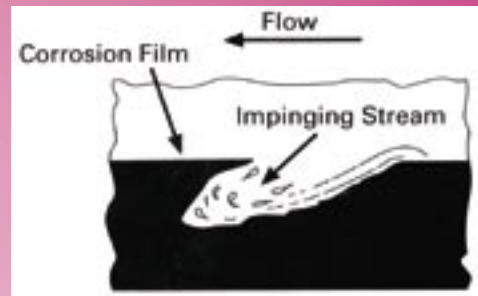
Your DuBois representative can perform a risk free survey and will outline a program specific to your facility using [Modular Solutions](#) with mechanical and chemical components.

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Filtration



“Sandblasting effect” of suspended solids.



UV Technology

