

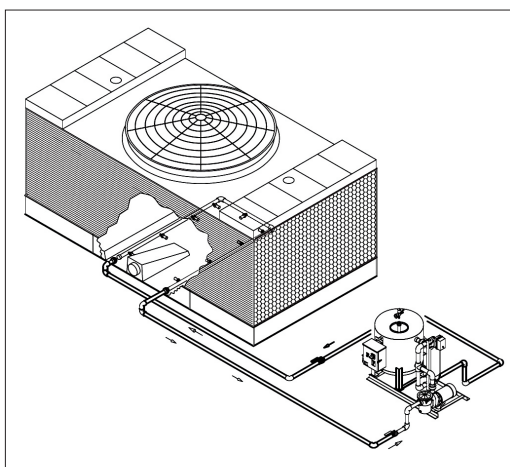


PRODUCT SPOTLIGHT: Filtration Systems



For Improved System Hygiene and Safety

During cooling tower operation airborne impurities including dust, sand, organic matters or other contaminants are drawn into the cooling tower. These concentrate in the circulating water and contaminate the system piping and heat exchanger, but mainly settle in the cooling tower sump. This may cause corrosion and promote bacteria growth which can lead to hygiene problems. In order to sustain optimal performance, it is essential to maintain system hygiene. This can be achieved through proper maintenance and a suitable water treatment programme but also through the use of filtration to assist in keeping the circulating water clean.



Keeping water clean is a key element for safe operation of cooling towers. This can be achieved with well designed side stream filtration.

BAC offers a complete range of filtration systems together with BAC designed cooling tower sump sweeper piping.

BAC filtration systems are specifically designed to remove dirt, sand, silt precipitates and suspended solids from process fluids. They are recommended for use in combination with factory installed BAC sump sweeper piping which generates increased water circulation and agitation inside the cooling tower basin.

The effective combination of filtration with sump sweeping prevents sediment from collecting in the cold water basin of the tower and reduces nutrients for biofilm growth. This results in increased system efficiency, reduced operating costs and is an effective measure in reducing the risk of uncontrolled growth of legionella bacteria.

Benefits

- › Less maintenance and down time.
- › Reduced water and chemicals consumption.
- › Improved system hygiene.
- › Clean system year round.
- › Specifically designed and sized for all BAC product ranges.

PRODUCT SPOTLIGHT:

Filtration Systems CONTINUED

BAC Filtration Systems

Separator PF 64 Series



- › Separation down to 40 micron.
- › Solids separation using centrifugal forces within the separator body.

Media Filter PF 30 Series



- › Filtration down to 5 micron.
- › Particulates removed by passing through a silica sand media.

Features

- › Media Filter or Separator.
- › Integral pump and piping.
- › Control cabinet with single point electrical connection.
- › Automatic backwash cycle.
- › Fully assembled skid package.
- › Powder coated filter finish.



**BALTIMORE
AIRCOIL AUSTRALIA**

www.BaltimoreAircoil.com.au

120 Wisemans Ferry Road, Somersby NSW 2250
Telephone (Australia): 1300.134.622 › Telephone (New Zealand): 0800.225.842