

# THE BEST COOLING WATER FILTER

## *AquaTROL-SK*

### **Advantages of the AquaTROL-SK Side - stream Cooling Water Filter.**

Single skid automatic circulation, filtration and backwash sequence,

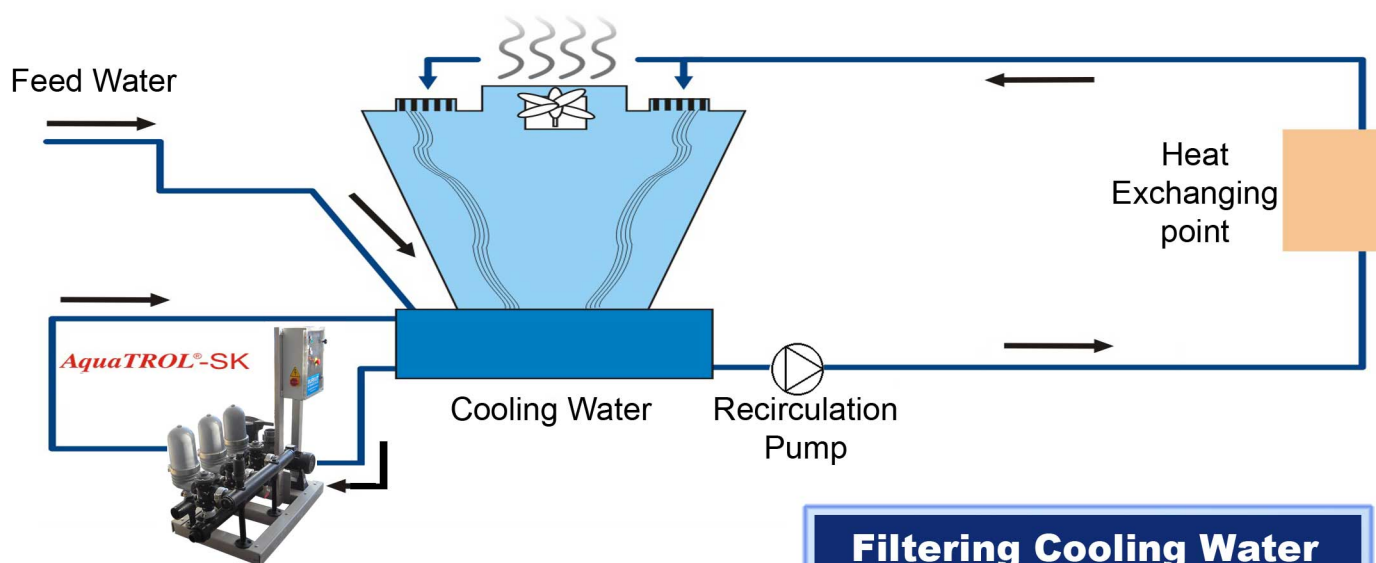
Low water consumption during backwash

Low energy consumption,

Low maintenance disc filtration,

Superior backwash method, discs are perfectly cleaned during backwash,

All synthetic, corrosion resistant pump, manifolds, filtration units, command panel.



### **Side - Stream Filter Working Principle**

AquaTROL-SK, Side - Stream Cooling Water Filter is an independent Disc Filter. It uses its own pump to circulate cooling water through Disc Filter modules. Filter backwashes itself automatically. Safety features include pump dry run protection and continues backwash prevention with alarm relays. Added optional conductivity control will monitor cooling water conductivity and stabilize at set level by automatic purging.

### **Filtering Cooling Water SAVES MONEY!**

Why should Cooling Water be Filtered?

To prevent clogging of nozzles, pipes, plate heat exchangers.

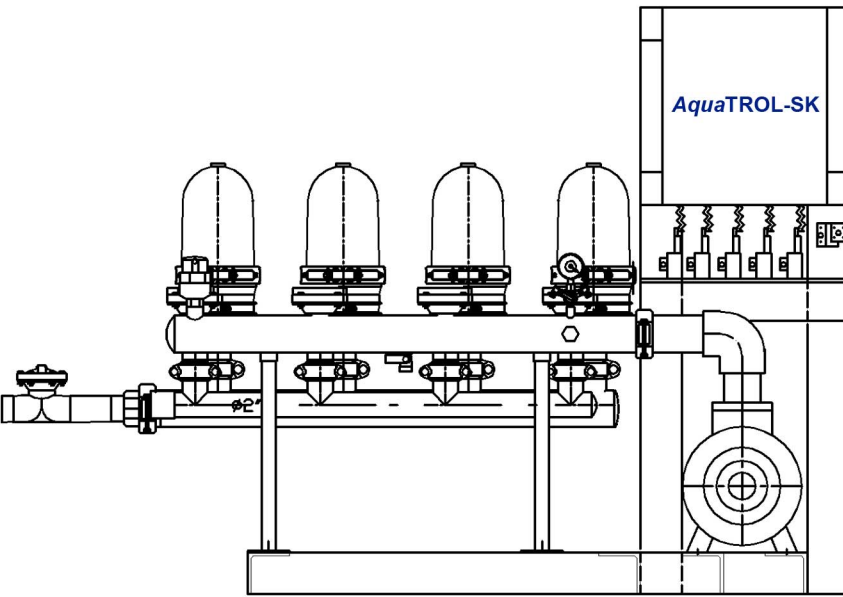
To minimize algae growth in the cooling system.

To prevent erosion of equipment in the Cooling System such as pump, heat exchanger, condenser, etc.

To lower maintenance and undesirable interruptions.

# THE IDEAL COOLING WATER FILTER:

## AquaTROL-SK Filter Removes Problems



### **AquaTROL-SK Side - stream Cooling Water Filter Includes;**

Automatic backwash disk filter,

Side - stream circulation pump,

Pre-filter for pump protection,

Pressure switch for dry run pump protection,

Stainless steel frame,

Optional addition of conductivity control automation will monitor and maintain cooling water conductivity level by purge thereby preventing electro corrosion.

MODEL	CAPACITY max (100 micron)	CONNECTION PORTS			DIMENSIONS (cm)	POWER kW
		inlet	outlet	drain		
AquaTROL – SK-ST 1	16 m3/h	2"F	2"F	2"BSPT	80x80xh140	1,46-3~400V
AquaTROL – SK-ST 3	50 m3/h	3"F	3"F	2"BSPT	180x80xh140	2,80-3~400V
AquaTROL – SK-ST 4	65 m3/h	3"F	3"F	2"BSPT	210x80xh140	4.00-3~400V

Note: AquaTROL-SK filters can be manufactured for 130 micron & 200 micron



Side - Stream Filtration for Cooling Tower 15m3/h