

Cooling pad

Cleaning & treatment of evaporative cooling pads

To keep Evaporative Cooling System, running efficiently, the water in the system must be treated with the right chemical, tested and approved for pad cooling. The correct chemical(s) also increases its life and reduce the risk of contamination that could lead to a disease problem, as well.

STEP 1: PRIOR TO START-UP OF SYSTEM - SHOCK TREATMENT

Examine the EC Pads to determine if they are fouled with algae or heavy mineral scales.

TO CLEAN ALGAE AND SLIME FORMING BACTERIA BUILD-UP:

- Spray or foam on EC Pads with Cid 20 @ 6.6 - 15.0 ml/litre (0.66 - 1.5%) OR Virocid® @ 3.3 ml - 7.5 ml/litre (0.33 - 0.75 % or ½ to 1 oz / gal) of water.
- Allow the product to remain on the surface of EC Pads for 10 minutes.
- Flush/spray off with clean water.
- Repeat, if necessary.
- Drain the system and flush with clean water.

(Cid 20 and Virocid are bactericidal, fungicidal, virucidal, algacidal that eliminates clogging up by algae or microbial contamination by "slime forming bacteria". These products have residual activity and inhibit bio-film as both of the products contain Quaternary Ammonium Compound and Gluteraldehyde).



TO CLEAN MINERAL SCALE BUILD-UP (CALCIUM):

Choice of 2 methods;

- 1** Add Pho Cid to the system @ 7.5 - 15 ml/litre (0.75 - 1.5 % or 1 – 2 oz / gal) of water; Let this solution to circulate through the system until EC Pads are cleaned; Drain the system and flush with clean water.
- 2** Foam or spray with Tornax-S @ 30 - 45 ml/litre of water (3.0 - 4.5 % or 5 – 6 oz / gal) on the surface of EC Pads; Allow it to remain for 10 minutes; Rinse off with clean water; Drain the system and flush with clean water.

Refill the system with clean water.



* The recommendations of manufacturer(s) should be kept in considerations that the chemical(s), being used, should not damage the EC Pads/Systems.

* Check the water filters (if being used) and remove sediments build-up, on monthly basis.

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STEP 2: INITIAL TREATMENT

Add Cid 20 @ 400 ml/1000 litres of water (0.04%) OR Virocid® @ 200 ml/1000 litres of water (0.02% or 1 oz / 40 gal) within the system as to acquire the desired results.

STEP 3: MAINTENANCE TREATMENT (PREVENTION)

Add Cid 20 @ 110ml/1000 litres of water (0.011%) OR Virocid® @ 55 ml/1000 litres of water (0.0055% or 1 oz / 150 gal) within the system, continuously, with the help of medicator or treat this way, in general, on weekly basis.



Approved by Munters