



Preoperational Cleaning & Preventive Water Treatment FOR HYDRONIC LOOPS

Preoperational Cleaning

Even the cleanest fabrications require preoperational cleaning to remove normal construction contaminants such as temporary protective coatings, metal oxides, weld lag, grease, oil and dirt. If these are not removed, they can interfere with the protective function of water treatment. This alkaline cleaning method readies the system for water treatment.

- Check pH of make-up water using test strips provided (pH = _____).
- Fill system to normal level with make-up water.
- Add preoperational cleaning chemicals* to system via pot feeder.
- Heated Loops - Circulate water in all zones at operating temperature for at least 6 hours.
- Chilled Loops - Circulate water in all zones at room temperature for at least 24 hours.
- Concurrently drain system and make-up until pH of system water matches pH of make-up water.
- Repeat cleaning procedure if flushed water is not clear and colorless.

*Contains trisodium phosphate (alkaline-cleaner), sodium sulfite (oxygen-scavenger); wear gloves, goggles and dust mask.

Preventive Water Treatment

As soon as cleaning is complete, treat the system. Leaving the system clean and empty leaves it open to corrosion. Taking the following steps will protect the system during subsequent operation or subsequent time off-line.

- Add preventive water treatment* to the system via the pot feeder.
- Heated Loops - Circulate water in all zones at operating temperature for at least 6 hours.
- Chilled Loops - Circulate water in all zones at room temperature for at least 24 hours.

*Contains dipotassium phosphate (pH-buffer / scale-inhibitor), sodium lauroyl sarcosinate (corrosion-inhibitor), sodium sulfite (oxygen-scavenger).