



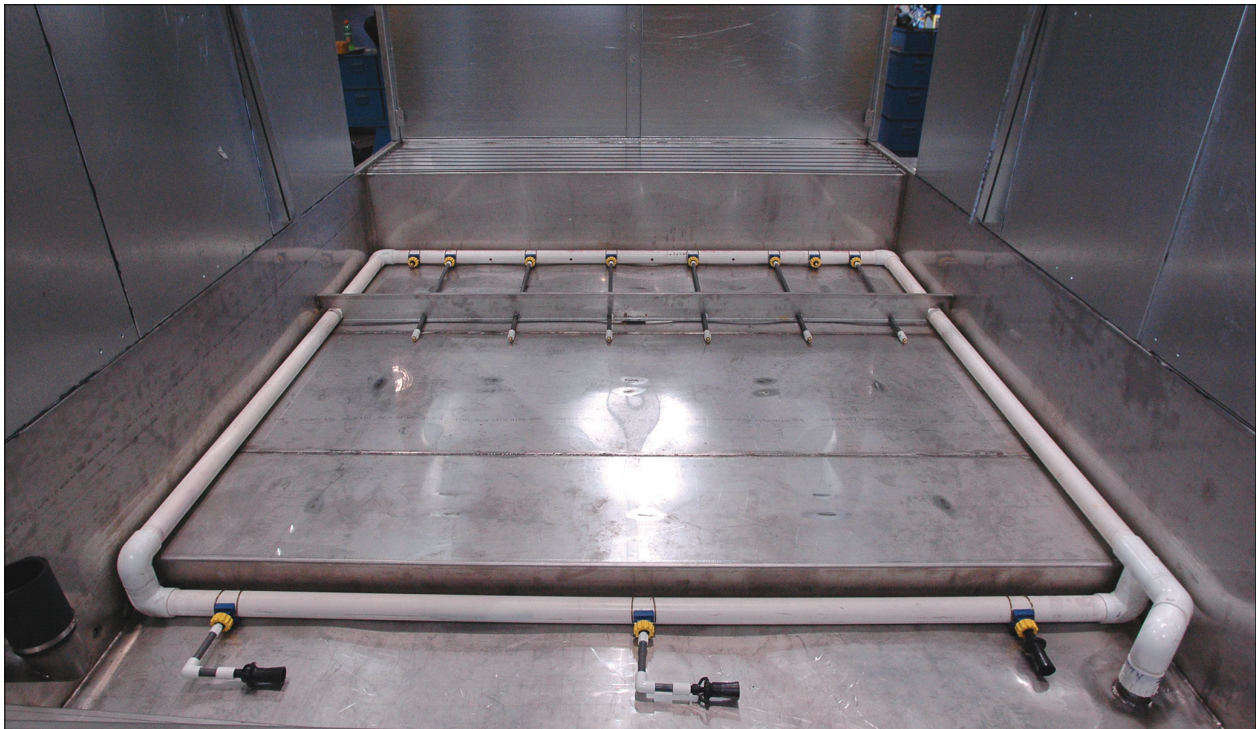
PRODUCT SPOTLIGHT: Basin Sweeper Piping



Regular maintenance of the cold water basin in evaporative cooling equipment is vital to keeping a cooling system clean and efficient. Sweeper piping is a simple solution that complements the filtration system by automating the cleaning of the cold water basin.

Supplement filtration and save thousands on maintenance costs!

- ✓ Limits Debris Build Up
- ✓ Reduces Maintenance Costs
- ✓ Maintains Water Treatment Performance
- ✓ Inhibits Biological Growth
- ✓ Integrates with Existing Water Filtration



Sweeper Piping Installed on a BAC Series 1500 Cooling Tower

Available on: 3000, 1500, FXV, CXV, PT2, PF2, PG2, Series V, VCA, HXV

PRODUCT SPOTLIGHT:

Basin Sweeper Piping CONTINUED

Often installed in conjunction with a side stream filtration system, sweeper piping uses pressurized streams of water to reduce the build up of sediment. Spray water directed towards the sweeper drain connection flushes solid debris to the filtration system, while the added turbulence in the basin inhibits biological growth.

Based on O&M Manual recommendations, units should have their basins cleaned and systems flushed every quarter. For units without sweeper piping this can be a labor intensive process involving manual removal of debris. Additionally, when dirt accumulates in the cold water basin, it reduces the effectiveness of water treatment. Given these effects, sweeper piping can quickly recoup the initial investment costs by reducing labor hours and water treatment costs.

The following is an example of the payback period for a sweeper piping installed on a Series 1500 Cooling Tower with an existing filtration system:

Labor for Regular Basin Maintenance	4 hrs
Basin Maintenance (times/year)	4
Labor Rate	\$68.10/hr
Annual Cost for Maintenance	\$1,090
Annual Chemical Treatment	\$3,475
Approximate Cost for Sweeper Piping	\$1,499
Assuming a 75% reduction in maintenance time and a 10% increase in water treatment effectiveness while using sweeper piping the following savings can be projected:	
Annual Labor Savings	\$817
Annual Chemical Savings:	\$348
Combined Annual Savings	\$1,165

Sweeper Piping Payback Period: Only 1.3 years

**The specific design and savings for sweeper piping varies between models and product lines.
Contact your local BAC Representative to find the best solution for your system.**

