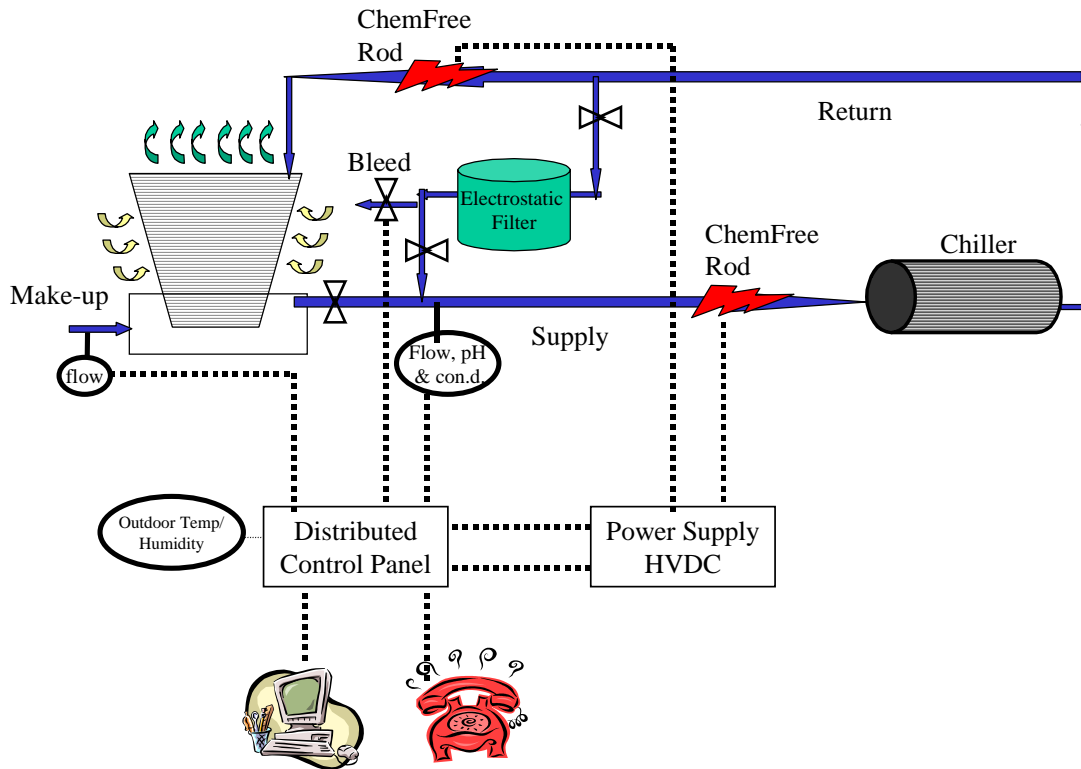


Water Conservation Case History



Objective: Eliminate liquid chemicals in chiller/cooling tower water systems

Process

- Electrostatic system installed in March 2001
- System installed on 800-ton chiller 'E' with cooling tower
- Pilot study for one year
- Future installation of chiller/cooling tower systems planned for 2003
- Initial cost \$17.1K for Chemfree and \$8.5K for installation -- total \$25.6K

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Water Conservation Case History



Results

- Chemical avoidance \$5.4K
- Consistent biological plate counts <400
- Energy consumption reduced by 6% = \$15K
- Water usage reduced by 300,000 gallons per year = \$3K
- First year total savings \$23.4K
- Management recommended installing Chemfree on remaining McNeil Ft. Washington chiller/cooling tower systems
- \$140K savings projected annually upon completion of project
- McNeil Consumer Health Care, Ft. Washington received the 2002 Governor's Award for Environmental Excellence

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