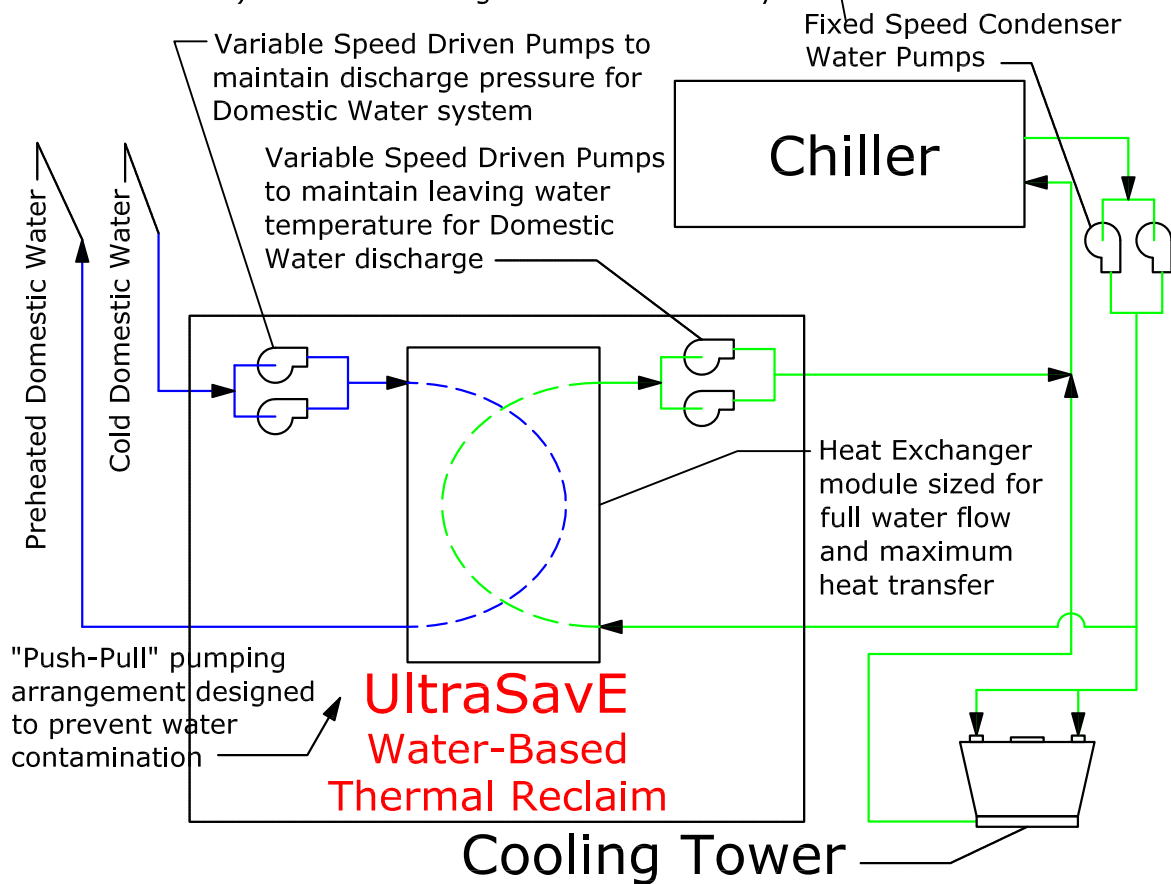


Converting pumps to Variable Speed Drive allows increasing leaving condenser water temperature (for higher recovered leaving water temp and more energy recovered) at minimal change in chiller efficiency



UltraSave™ Water-Based Thermal Reclaim System

- > This system turns waste energy into a valuable resource AND dramatically reduces operating costs.
- > Uses waste heat from cooling water to preheat new water that will be heated further to at least 93F- saving millions of BTU's of thermal energy every hour.
- > Reduced heat rejection cuts tower fan energy AND tower water usage dramatically.
- > Water from heat reclaim to chiller is cooler- this improves operating efficiency, saving more electricity.
- > **100 GPM model saves 4.2 MMBTUH, plus over 600,000 kWh of electricity and over 3.6 million gallons of water a year with a 6-month installed payback.**
- > **CO2 and NOx savings are often 70% to 80%.**