



CHILLED WATER

from Austin Energy

WHAT IS IT?

- Cooling your residence/home with chilled water is the cool thing to do. A chilled water air conditioning system from Austin Energy will provide you the highest quality indoor environment with the greatest reliability for the least overall cost.
- The Seasonal Equivalent Efficiency Ratio (SEER) of the chilled water system is greater than 14, which is more efficient than a conventional heat pump system. Consequently, costs will commonly be less per square foot of air conditioned space per year with a chilled water system compared to a heat pump system.
- The energy-efficiency of your home is improved because a chilled water system uses a large thermal energy storage system to make ice during the night when the cost of electric demand is lowest. The ice is used to produce chilled water the next day. By allowing large chillers to be “turned off” on hot summer afternoons, the electric load on Austin Energy’s power delivery system is reduced during times when demand for electricity is at a premium.
- By using high-efficiency equipment and refrigerants, which do not deplete the ozone, Austin Energy’s chilled water cooling systems are designed to be environmentally friendly.

HOW DOES A CHILLED WATER SYSTEM BENEFIT THE TYPICAL HOMEOWNER?

- The appearance of your building is greatly enhanced because it will not require the installation of a compressor or unsightly cooling tower on the premises.
- Maintenance responsibilities for each homeowner are limited to the fan and coil inside the home and routine cleaning or changing of the filter.
- Reliability is improved because Austin Energy designed the system so that if any part should fail, a backup is in place and automatically ready to operate.

FOR MORE INFORMATION

Contact Sue Arthur, at 512-322-6559
or at sue.arthur@austinenergy.com.

