
DRINKING WATER STERILIZATION and REFRIGERATION



Central system installed at US Pentagon

**Standard and custom designs
for complete treatment and
cooling of drinking water.**

KEEPS WATER SYSTEM SAFE

Centralized, self-contained system approach reduces complexity and point of use costs. Designs available for rejecting heat to existing chilled water systems using double-wall heat exchangers. System stores and circulates purified drinking water to point of use fountains.

- **CARBON FILTER** - Liquid path includes pulverized carbon filter contained in electropolished stainless steel housing with easy-access service. Carbon filtration removes chlorine, organic chemicals, turbidity and improves taste.
- **UV STERILIZATION** - Utilizes germicidal ultraviolet lamps to produce short-wave radiation designed to destroy bacteria, viruses and other organisms in the drinking water system.
- **ABSOLUTE FINAL FILTER** - Pleated polypropylene filter contained in electropolished housing removes 99.9% of solids as small as 1 micron. Provides complete control of cryptosporidium, giardia and other harmful organisms.

Standard and Optional Features

- *Structurally rugged welded steel frame with powder finished aluminum easy-access enclosure panels. Stainless steel panels are optional.*
- *Large capacity, insulated stainless steel reservoir and stainless steel close-coupled circulating pumps. Redundant components and remote performance monitoring available.*
- *Refrigeration can be external or self-contained using water cooled, air cooled, or split system designs. R-22 and other refrigerants available.*
- *Standard analog controls includes capacity control and common refrigeration and water system gauges. Water side controls include automatic air vent and pressure relief valve.*
- *Custom designs to meet any thermal and flow capacity. UV, particulate and Reverse Osmosis systems available.*



Central system installed at White House