



Hot Water Generation

Customer: Dr. P. Phillips Hospital

Location: Orlando, FL

Scope of Work: Armstrong International worked with the designer to size and subsequently supply a packaged system for an existing hospital. The Armstrong solution included instantaneous hot water generation, with temperature control within +/-2 degrees of set point to the building.

The original system was twenty plus years old, and included two large storage tanks with integrated heat exchangers a hi-low mixing valve system, steam valves, pumps and steam traps.

- Upgrade Projects:**
- Designed the replacement system to fit within a constricted space
 - Provided 400 gpm blended water at 122°F to the potable system, and 30 gpm to the kitchen
 - Provided an integrated BAS interface

Terms: The system was installed in 2008.

Benefits: The package shipped in two pieces had 200+ solder joints, three heat exchangers, six mixing valves, two building return pumps, steam traps, balancing valves, strainers... **and not one leak!**

