





TH-500ZX “Zero Flash” Hot Water Heating System



-  Save Energy
-  Save Installation Cost
-  Save on Retrofits

Accepts Up to 130 psig Steam

This eliminates those large steam pressure reducing valve stations and saves up to 40% over conventional installations. The single seated balanced trim control valve controls both temperature and steam pressure in the shell without pneumatics. All TH500ZX units have ASME Safety Valves.

Saves Energy Eliminating Flash Steam to Atmosphere

The TH-500ZX fully condenses the latent heat BTUs and discharges condensate below atmospheric temperature eliminating flash steam. No additional flash tanks are required and condensate can be discharged directly to an electric or pressure powered condensate return pump system. Up to 5% of the steam can be saved!

Fully Electronic Integrated and Hydronic System Compatible

The TH-500ZX Electronic Controller interfaces with BACNET, Modbus, Lonworks and many other BMS protocols so that temperature can be reset, remote start stop, and feedback points are available to the user. In addition this system can be used with all VFD drive hydronic pumping systems for a complete integrated system. Flows to 1200 GPM

