



STEAM BASED HOT WATER GENERATION SYSTEM

An ISO 9001:2008 Certified Company



Steam Distribution | Steam Generation | Customized Package Solution | Steam Accessories | Steam Services

The instantaneous steam based hot water generation system is a compact skid mounted system with a Steam control valve that is designed to heat water instantaneously in Shell & Tube / PHE type heat exchanger using steam as a heating media.

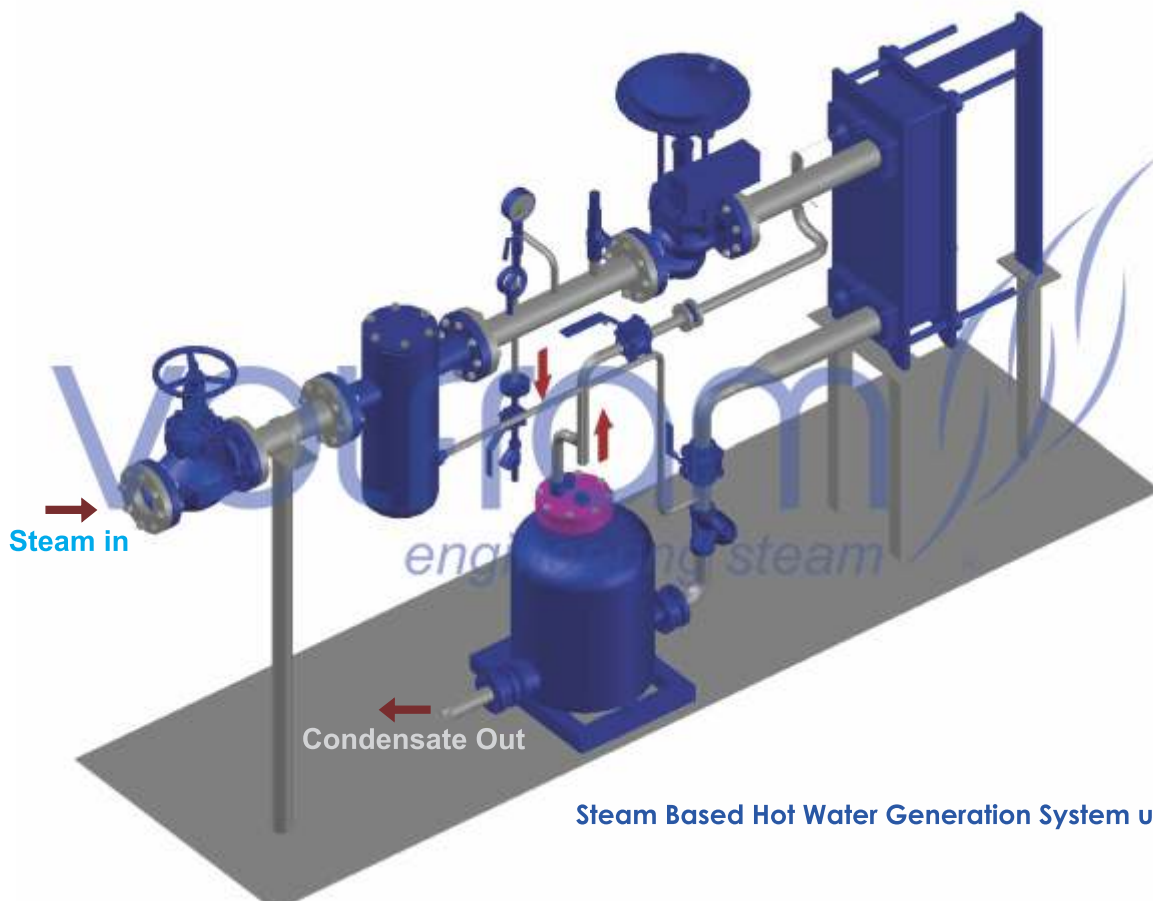
Volfram Instantaneous HOT WATER SYSTEM provides best efficient solution for water heating application. It is a customized system for various industrial as well as hospitality applications. It gives precise and accurate temperature control and faster response under variable load conditions. No need for storage or buffer tank for the Volfram Designed Close loop system.

Benefits:

- Reduces fuel costs by avoiding temperature overshoots
- The system is extremely easy to operate and maintain with low running costs
- Inbuilt overheat protection
- Compact, Skid mounted assembled system
- Low Foot print area for installation
- Low Installation Time & Cost

Unique Feature:

- Automatic Pumping Trap is used for the removal of condensate which makes sure 100% recovery of condensate back to the boiler.
- Also, helps maintaining the uniform temperatures by avoiding the Stall Effect.



Steam Based Hot Water Generation System using PHE

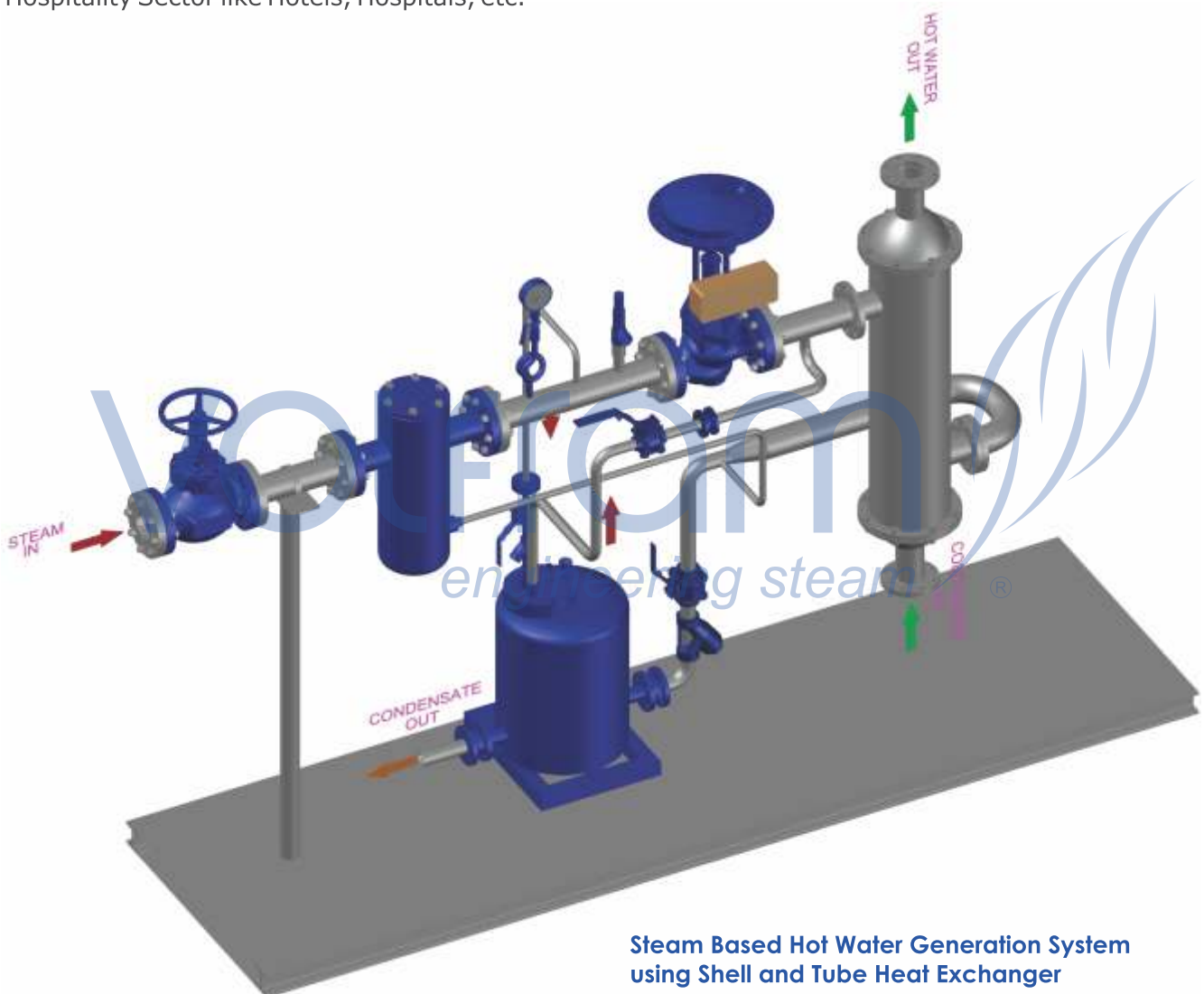
Heat Exchanger types :

The system can be supplied with various types of heat exchangers based on the application & site conditions.

- Plate Heat Exchanger (PHE)
- Tubular Heat Exchanger
- Plate-Coil Submerged Heat Exchanger
- Capacity Available: 5000 kCal/hr to 500,000 kCal/hr

Application:

- Pharmaceutical Industry
- Chemical Industry
- Food & Beverages
- Hospitality Sector like Hotels, Hospitals, etc.



Steam Based Hot Water Generation System
using Shell and Tube Heat Exchanger

Volfram Boiler and Steam Accessories



Steam Boilers



Condensate Recovery System



Rotating Plug Float Trap



Flow Meter



Pressure Gauge



SS Safety Valve



Non Return Valve



Steam Injector



Control Valve