

---

# TANK AND PRESSURE VESSELS

---



**S**ince 2002, Safna has serviced a variety of customers and its products have proven to be reliable and durable. Now, as a division of Heateflex Corporation, Safna renews its commitment to excellent products, fast response and exceptional customer service. Call today to begin the design of the pressure vessel that will fit your project.



*1000-Gallon Stainless Steel Hot Water Storage Tank*



*Stainless Steel Air Receiver Tank*

**SAFNA DESIGNS AND MANUFACTURES A FULL RANGE OF ASME CODE AND NON-CODE TANKS TO MEET AND EXCEED YOUR INDUSTRIAL AND COMMERCIAL APPLICATIONS.**



**SAFNA TANKS AND PRESSURE VESSELS ARE CURRENTLY IN USE AS:**

- Hot Water Storage Tanks
- Expansion Tanks
- Air Compressor Receiver Tanks
- Blow Down Tanks
- Boiler Feed Water Tanks
- Flash Tanks
- Filter Media Tanks
- Knock Out Tanks



*Condensate Knock Out Tank*



*Media Filter*

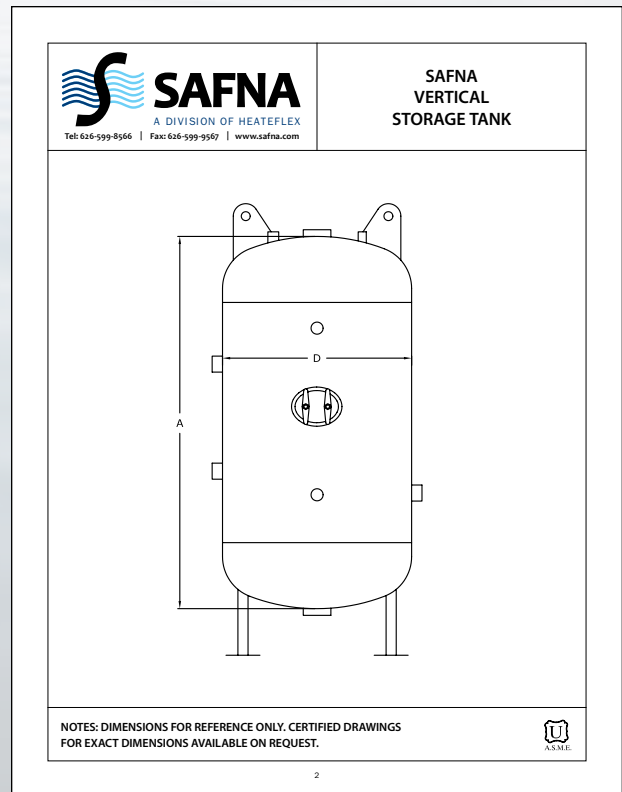
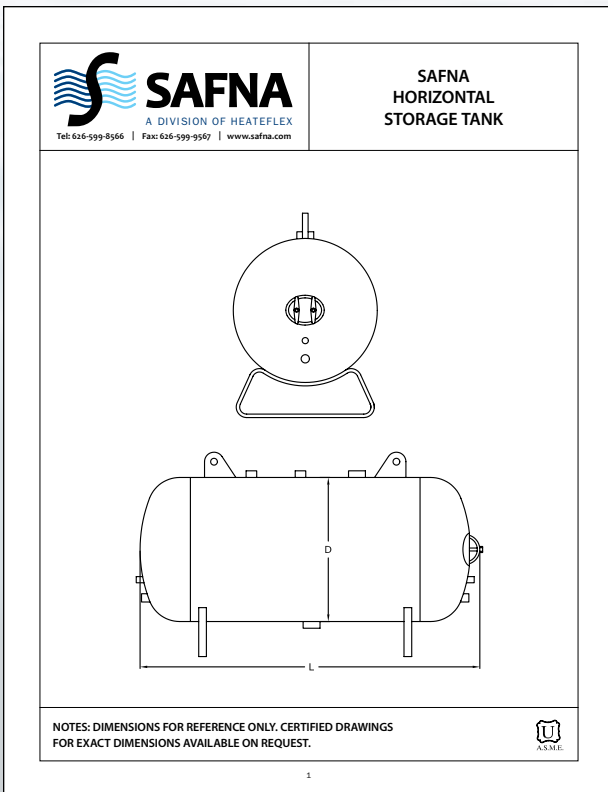


AL6XN constructed Brine Storage Tank for local co-gen facility

**Safna specializes in custom engineered designs to meet specific application requirements.**

Safna can provide

- Vertical or Horizontal Configuration
- Available in Carbon Steel and Stainless Steel
- A.S.M.E. Code Constructed National Board Registered Vessel
- Manhole
- Exterior Factory Primed or Custom Coated Upon Customer Request



## Sample Application #1: Condensate Return and Boiler Feed Water Systems

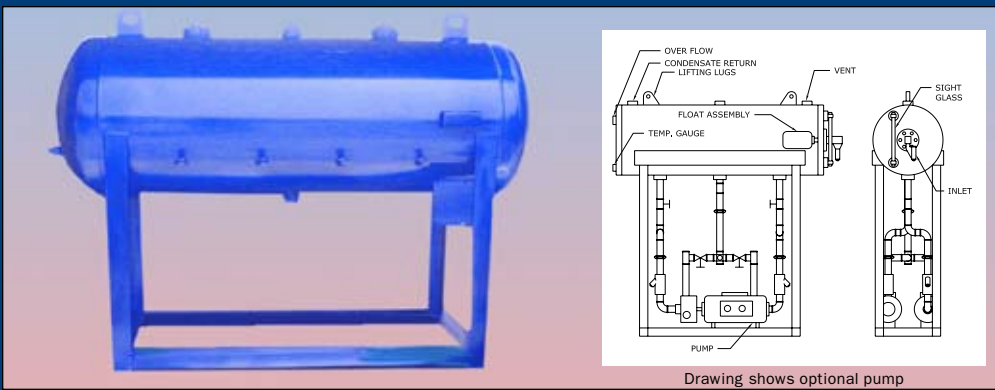
Condensate Return and Boiler Feed Water Systems are used in the modern boiler plants to accomplish two functions:

1. To collect and return condensate from remote areas of the plant.
2. To heat equipment and processes and has the ability to do so from a considerable distance away.

Once steam is used it turns to hot water or condensate. This pump returns hot water back to a Blowdown Tank closer to the boiler, where it can be reclaimed, chemically treated, and reused, in the boiler.

### Standard Features:

- Quality Carbon Steel Horizontal Tank with Angle Support (non-code)
- Temperature Gauge
- IPS Connections for Vent, Condensate Return, Over Flow, and Drain
- Feed Water Float Assembly
- Site Glass with Brass Valves
- Lifting Lugs
- Close-Coupled Pump (optional)



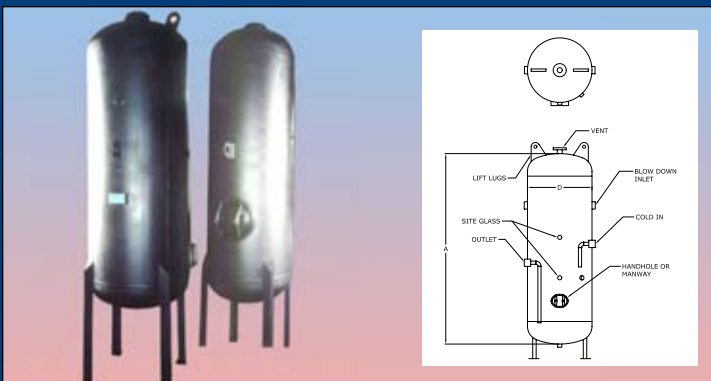
## Sample Application #2: Blowdown Tank

Boiler blowdown tanks are used in the modern boiler plants to accomplish two functions:

1. To allow the boiler blowdown water to flash and thereby remove heat by separating the vapor from the water under approximately atmospheric pressure.
2. Allow the blowdown water to mix with cooler water and enter the sewer system at a temperature not to exceed 140 degrees F.

### Standard Features:

- Vertical Steel Pressure Vessels
- Compact, Heavy-Duty Construction
- All Fabrication, Welding, and Testing are Performed in Accordance to A.S.M.E. Codes
- Cold Water Inlet
- Blowdown Inlet
- Vent and Drain
- Cleanout
- Site Glass with Brass Valves
- Lifting Lugs



Tel: 626-599-8566 | Fax: 626-599-9567  
Email: [info@safna.com](mailto:info@safna.com)  
Visit us at [www.safna.com](http://www.safna.com)