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### Interesting Facts



- With a dead weight tonnage of more than 564,000 the "Jahre Viking" is the worlds largest oil tanker. Measuring 1504ft in length, she is over 250ft longer than the Empire State Building.
- A fully loaded super tanker traveling at a speed of 16 knots, needs up to twenty minutes to stop.
- In 1989, the Exxon Valdez spilled almost 11 million gallons of oil in Prince William Sound, Alaska.  
Taken from Modern Marvels

### Sept Dates to Remember

- Sept 1 - Labor Day
- Sept 10 - ASPE Meeting
- Sept 18 - MASMS Trade Show
- Sept 22 - MN Blue Flame Seminar



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## FEATURED Products

### COMING SOON THIS FALL

#### Lochinvar SYNC Condensing Boiler

- Up to 98% Thermal Efficiency
- Smart Tough Controller
  - Touchscreen
  - Cascading Sequencer to control up to 8 units.
  - Outdoor Reset
  - System, Boiler & Domestic Pump Control
  - Mod Bus Communication
  - And much more!
- 1.0, 1.3 & 1.5 Million BTU/HR
- Stainless Steel Heat Exchanger
- Full Modulation with 10:1 Turndown
- Direct Vent with PVC or AL29-4C up to 100 ft
- Only 31" Wide
- 10 Year Warranty



#### Did you know we can supply boilers for clean steam applications using deionized or reverse osmosis (DI/RO) water?

Fulton manufacturers vertical tubeless steam boilers that can be equipped to be used with DI/RO water. Fulton can also supply a complete packaged unit with makeup water treatment, water softener, feed water, and blowdown systems with single point electrical and water connections completely prepiped and skid mounted. Fulton recommends the following to run RO water in their boilers.

- Replace standard water level relays with extra sensitive relays designed for RO water.
- Make sure your boiler feed tank is stainless steel.
- Incorporate a chemical treatment for pH neutralization to protect the carbon steel boiler.
- Use pumps with stainless steel impellers (Fulton uses Grundfos)
- Install a pH monitoring/alarm system on your boilers (not required, but a good idea)



## Featured Job

Job Name: Concordia College - St. Paul, MN

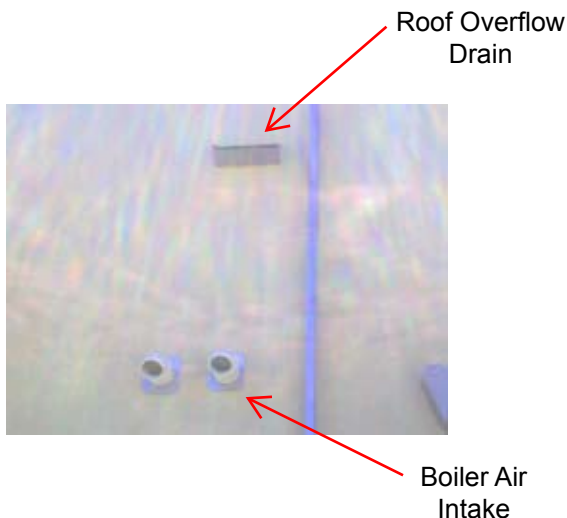
Mech Contractor: Doody Mechanical

Equipment: (3) Fulton PHW1000 Pulse Boilers  
(3) Lochinvar Intelli-Fin IWN2000 Water Heaters  
(1) Lochinvar 500 Gallon Storage Tank

The above equipment was installed in the new student housing building. The boilers and water heaters are high efficiency condensing style units capable of efficiencies up to 97%. The Fulton's are controlled by Fulton's ModSync sequencing controller with the building management system sending it a 4-20mA signal to reset the set-point as required. The Lochinvar's are staged by Lochinvar's staging controller with a sensor installed in the storage tank.



## What's wrong with this picture?



English



Aldrich



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