

In This Issue

- » **FEATURED Products**
Fulton Pulse Upgrades
ModSync Upgrades
- » How Its Made
- » Featured Job
Minneapolis Post Office

Interesting Facts



- In 1901 a 12 year old Russian boy saw Leonardo da Vinci's mechanical drawings and they changed his life. Igor Sikorsky later built one of the first working helicopters in history.
- In addition to devising his own recipe for gunpowder, Leonardo designed cannon shells that exploded on impact or divided into smaller explosives while still in flight.
- Sri Lanka, with a population of more than nineteen million has the highest per capita death rate from snake bites - averaging 800 a year.
Taken from Modern Marvels

Feb Dates to Remember

- Feb 2 - Groundhog Day
- Feb 10 - ASHRAE Seminar
- Feb 14 - Valentines Day
- Feb 16 - Presidents Day
- Feb 18 - ASPE Meeting



Ryan Company, Inc.
3361 Republic Ave
St. Louis Park, MN 55426
Phone (952) 915-6475
Fax (952) 915-6480
www.ryancompanyinc.com

FEATURED Products



Fulton Pulse Boiler Updates

Look for the following later this year:

- » New Graphics
- » New Controller
- » New Brochure



Fulton ModSync Updates

Look for the following later this year:

- » New Color Screen
- » Enhanced Graphics
- » Touch Screen Keyboard
- » inSite - Online Monitoring



Did you know that we can custom program this sequencing controller to meet your needs.

How Its Made

Want to know how a Fulton Steam Boiler is made? Check out the Science Channel. Currently scheduled for Feb 6 at 9:00PM EST and Feb 9 at 4:00PM EST. Schedule is subject to change.
<http://science.discovery.com>



Featured Job

Job Name: Minneapolis Post Office

Mechanical Engineer: Wentz & Associates

Mechanical Contractor: Master Mechanical

Equipment: Complete Packaged Skid System - Prepiped & Prewired

(7) Fulton Dual Fuel Vantage Condensing Boilers Model VTG4000DF

Combination Gas & #2 Oil Burners with Oil Pumps

Each Boiler is 4000MBH Input or 100BHP. Total System = 700BHP

PrePiped Common Return & Supply Headers

Individual Wye Strainers & Triple Duty Valves

PreWired with Single Point Connection

Fulton Modsync Sequencing Controller

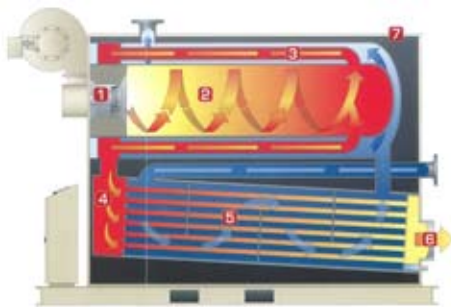
Schebler AL29-4C Double Wall Common Stack with Obround Transition thru Roof

Site Tours
Coming
Soon!

Original design thoughts were to use large traditional scotch style boilers. However, in order to maximize efficiency, it was decided to use a modular high efficiency boiler system instead. Each Vantage boiler has a 5:1 turndown which equates to a 20% minimum firing rate (This 7 boiler package will provide an overall 35:1 turndown). The Fulton ModSync incorporates a true PID controller that will fire each boiler at low fire (20%) until all boilers are on and then modulate all boilers as required. This will allow the boilers to condense at a higher rate and achieve the greatest efficiency possible. We are anticipating a 20-30% annual savings as compared to standard efficiency boilers. Their 2006 fuel bill was \$455,000.

Fulton Vantage Features

- » Up to 99% efficient on gas (Natural/LP/Digester)
- » Up to 88% efficient on #2 oil
- » Dual Fuel Capabilities
- » Linkageless Air/Fuel Controls
- » 160 PSI MWP
- » 250°F MWT
- » 170° Max ΔT
- » Duplex Stainless Steel Heat Exchanger (Highest Grade Stainless in the Market)
- » 1" Side Clearance
- » Sizes available 2000, 3000 or 4000MBH Input



English



L.E.S.



Aldrich



RYAN COMPANY, INC • 3361 Republic Ave • St Louis Park, MN 55426
(952) 915-6475 PH • (952) 915-6480 FX • www.ryancompanyinc.com