

Ryan's Monthly

Ryan Company, Inc. Newsletter - October 2015

BOILERS * WATER HEATERS * BURNERS * CHIMNEYS * ACCESSORIES

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October, 2015

Quick Links

- [Lochinvar website](#)
- [Fulton website](#)
- [Bryan Website](#)
- [Burnham website](#)
- [Shipco website](#)
- [Patterson website](#)
- [Security website](#)
- [Power Flame website](#)



Featured Job of the Month: Minnesota State College Southeast Technical College



Located in Red Wing, Minnesota
 Mechanical Engineer: Dolejs Associates Inc.
 Mechanical Contractor: Ryan Mechanical
 Equipment:
 -(2) Aldrich Horizontal Fire Tube Steam Boilers - Model A3S-4040-GO
 -Dual Fuel Power Flame Burner: Natural Gas and Fuel Oil #2
 -(1) Shipco Blowdown Separator
 -Each Boiler is 4865 MBH input.
 -Fulton ModSync Sequencing Controller- steam package

This project was designed to replace the 2 existing gas/oil steam boilers with new gas/oil low-pressure steam boilers. The old boilers were oversized and the new were sized for what the current heating-load calculation is. This creates a more efficient heating plant and creates more energy and cost savings for the building. The boilers selected for this project were chosen in part because they have features that will allow a relatively easy conversion to a hot water heating system which we suspect will take place at some point down the road.

We also incorporated a ModSync to control the system and monitor certain temperatures so we able to obtain the best efficiencies as possible. Some items that were monitored and/or controlled by the ModSync were as follows:

Upcoming Dates to Remember

- October 12th** - Columbus Day
- October 24th** - ASPE Hunting Event
- October 28th** - MASMS Southern Chapter meeting
- October 31st** - Halloween

Trivia Question

What is the turndown on a Fulton Endura boiler?

First 5 correct answers will receive a prize? Please include address with your emailed answer.

matt@ryancompanyinc.com

Contact Matt to set-up your lunch and learns now.

matt@ryancompanyinc.com

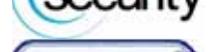


Fun Fact

Halloween is the second highest grossing commercial holiday after Christmas. That is a lot of candy and costumes!

More information

Visit our website for more information on any of our products. [Ryan Company website](#)





- Boiler water temperature X2
- Boiler water conductivity X2
- Outdoor air temperature
- Steam Header Pressure
- Draft Control Status X2
- Feedwater temperature
- Feedwater Alarm
- Feedwater meter



Lochinvar's Newest Crest Input Sizes:

Crest now available in input sizes of:

- 750,000 BTU/HR
- 1 Million BTU/HR
- 1.25 Millions BTU/HR

RIDE THE LOCHINVAR WAVE™ TO 96.2% EFFICIENCY With the exclusive Wave fire-tube design, advancements in Lochinvar combustion technology and the SMART TOUCH control, CREST changed how the industry thinks about fire-tube boilers. Now, three new CREST boilers, with 750,000, 1.0 million and 1.25 million Btu/hr inputs, deliver 96.2% thermal efficiency.

The system is designed to ensure smooth, quiet modulating combustion from as low as 5% of maximum firing rate up to 100% as heating load increases. And in multi-boiler applications, modulation is an essential element in cascade sequencing, which helps ensure maximum efficiency and long-term reliability



Coming Next Month

- A new job of the month
- A new trivia question to win a prize

Contact Matthew Kiemen with questions or to sign up for anything Ryan related. matt@ryancompanyinc.com





Not receiving your own copy of Ryan's monthly newsletter contact Matthew. email below

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