

Ryan's Monthly

Ryan Company, Inc. Newsletter - February 2016

BOILERS * WATER HEATERS * BURNERS * CHIMNEYS * ACCESSORIES

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Upcoming Dates to Remember

- February 2nd** - Groundhog Day
- February 14th** - Valentines Day
- February 15th** - Presidents Day

Trivia Question

What is the turndown of the Fulton Endura boiler?

First 5 correct answers will receive a prize? Please include address with your emailed answered.
matt@ryancompanyinc.com

Contact Matt to set-up your lunch and learns now.
matt@ryancompanyinc.com



February, 2016



Featured Job of the Month: Nu-Tek Food Science



Located in Fargo, North Dakota
 Mechanical Contractor: Cool Air Mechanical, Inc.
 Equipment:
 -(3) Fulton VMP-150 Steam Boilers
 -(1) 15,600 LBS/HP Deaerator
 -(1) HT-500 Return Tank
 -(1) F-150 Blowoff Separator
 -(1) FB1500-950 Water Softner
 -(1) Chemical Feed Tank

The Vertical Multi-Port (VMP) Boiler was an excellent choice for the Nu-Tek Food Science job, due to fulfill their need to save space and efficiency. With the Ne-Tek job they stressed needing to save space on this project making the small-foot print of the VMP a top choice. Along with the practical small-foot print the VMP was designed to have a high efficiency rating of up to 84%. This I partially created by a series of heavy-walled large diameter Schedule 80 flue pipes are welded to the top and bottom heads in the pressure vessel, and these pipes are surrounded by water.. The water-backed design speeds up boiler start up time and creates even heating throughout the boiler.

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:

- Annunciation of all boiler alarms
- Remote enable/disable capability
- Stack temperature
- Lead/Lag Controls of feedwater and transfer pumps

Quick Links

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

Fun Fact

Physicians of the 1800's commonly advised their patients to eat chocolate to calm the lost of loved ones. Now over a billion dollars worth of chocolate is purchased for Valentines Day in the U.S. So even if you are lonely, you can help yourself with a little of your own candy on Valentines Day.

More information

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





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

Ryan Company Inc | (952) 915-6475 | matt@ryancompanyinc.com |

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