



**Waterloo
Manufacturing**
Company Limited

Boiler News

Volume 7

Dec. 2005

Season's Greetings

Waterloo Manufacturing Co. Ltd.

**24 HOUR EMERGENCY SERVICE IS ALWAYS AVAILABLE
HOWEVER OTHER SERVICE IS RESTRICTED DURING THE HOLIDAYS**

SHIPPING / RECEIVING / OFFICE — 2005 - Holiday Hours

Friday, December 24, 2005 - Closing at 3:30 pm

Monday, December 26, 2005 – Closed

Tuesday, December 27, 2005 – Closed

Wednesday, December 28, 2005 - Regular Hours (8 am–4:30 pm)

Thursday, December 29, 2005 - Regular Hours (8 am–4:30 pm)

Friday, December 30, 2005 – Closed

Monday, January 2, 2006 - Regular Hours (8 am – 4:30 pm)

WATERLOO MANUFACTURING IS PROUD TO BE AUTHORIZED REPRESENTATIVES FOR

Cleaver-Brooks FAMILY OF COMPANIES

**C-B Package
Boiler Systems**
Our Skill And Strength Turns Fire Into Power!
A Cleaver-Brooks Company

**Cleaver-Brooks
REAL PARTS.
REAL SERVICE.**

NATCOM
Our Skill And Strength Turns Fire Into Power!
A Cleaver-Brooks Company

**Nebraska
Boiler**
Our Skill And Strength Turns Fire Into Power!
A Cleaver-Brooks Company

ENERGY RECOVERY INTERNATIONAL



www.cbboilers.com

De Dietrich
www.dedietrichthermique.com



www.cannonboilerworks.com

Fulton
A global manufacturer of
heat transfer products
www.fulton.com

THE HIGH COST OF FUEL IS SENDING \$\$\$ OUT OF YOUR STACK!

There are solutions to this situation that many businesses are facing.

The solutions fall into 3 main categories:

1. Preventative Maintenance – This entails regular maintenance of the fireside and waterside to allow your equipment to run at its peak performance levels. This ensures your equipment is clear of soot and possible scale buildup which can greatly affect thermal efficiencies.

We also combine regular check-ups which allows the service technician to “set the fires”.

In effect the burner is reset to optimally burn for the predominant weather of the season or month. This saves you additional fuel dollars as well as helping to eliminate possible downtime. A minimum of 2% of your fuel bill can be saved by the monthly checks.

2. Auxiliary Equipment – There are a few options here depending on the application.

First choice would be the addition of a stack economizer. This piece of equipment is attached between the boiler and the stack which utilizes the heat from the stack gases in the process and can add up to 5 % to your boiler efficiency.

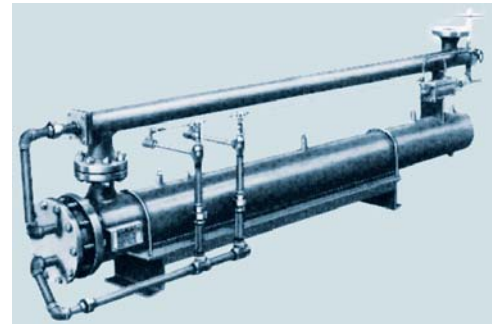
Other items which can be looked at include deaerators, blowdown heat recovery systems, and surge tanks. These options work at eliminating heat being lost in the system itself.

3. New Technology – there have been many technological advancements in boiler design, burner design as well as control systems. For example, the Clearfire condensing boiler can achieve efficiencies of up to 98% on natural gas. The unit is a modular design great for commercial hot water applications. There is also the Hawk ICS computerized control system which has the ability to run your entire boiler room ensuring further savings on both fuel and energy costs. Natcom burner technology allowing for low NOx levels while ensuring high efficiencies is another product enhancement.

Another option is high turndown burners as well as fuel air ratio controllers (FARC systems) which allow either better turndown on the burner or optimized fuel air for the burner.

There are further technological advancements just around the corner – Cleaver-Brooks will be unveiling enhanced products for both commercial and industrial applications – including the new “Super Boiler”. These new products will be presented in an upcoming newsletter.

For more information on any of these fuel saving options feel free to contact our sales staff.



Blowdown Heat Recovery System



Blowdown Separator

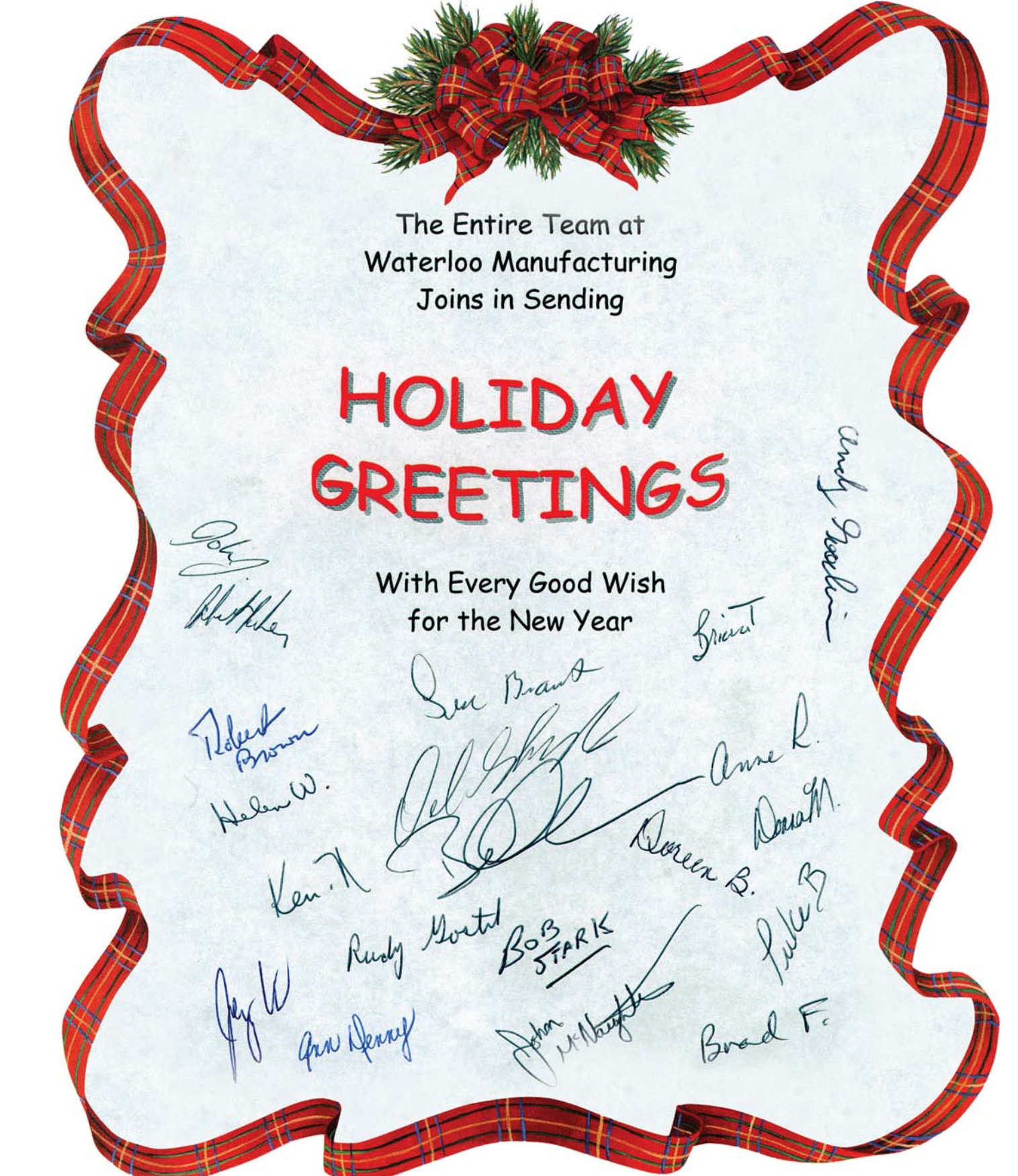


For further information on products and services used in this newsletter please contact us at:

WATERLOO MANUFACTURING COMPANY LIMITED

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Phone (519) 884-0600 • Fax (519) 884-0213 • Toll free 1-800-265-8809 • www.waterloomanufacturing.ca



The Entire Team at
Waterloo Manufacturing
Joins in Sending

HOLIDAY GREETINGS

With Every Good Wish
for the New Year

John

Phillips

Robert Brown

Helen W.

Ken T.

Ray W.

Ann Perry

Rudy North

Lee Brand

Del Spivey

BOB STARK

John McHugh

Grant

Anne R.
Doreen B.

Dana M.

Julie B.

Brad F.

Cathy Macklin

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