



McDonnell & Miller
a xylem brand

Simple. Smart.

Low Water Cut-Off
and Fuel Economizer



Protect your boiler with the RBT-3000 Low Water Cut-Off

**A Simple Upgrade Delivers
Up-To-Date Safety and Efficiency.**

New-generation boiler control technology is designed to maximize fuel efficiency – and provide valuable low water cut-off protection for hydronic heating systems. But that doesn't mean that older hot water heating systems are left out in the cold. Now there's the RBT-3000 from Xylem – an economical, easy-to-install universal upgrade designed to bring today's performance and protection to existing and new hot water boilers.

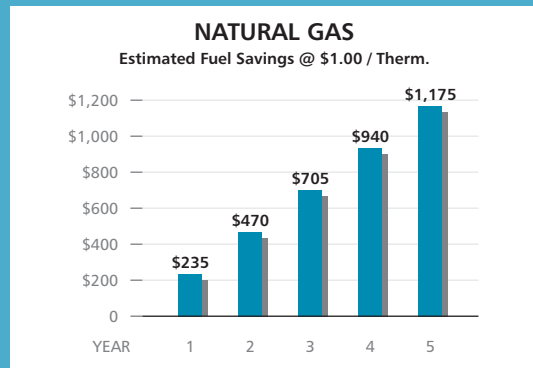
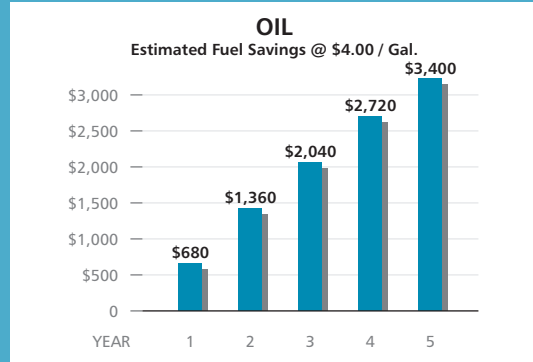
**Xylem is a leader in engineering and
manufacturing boiler controls.
Your one-stop resource for:**

- Low Water Cut-Offs
- Level Controls
- Zone Controllers
- Circulators
- Fuel Economizers
- Hydronic Specialties



RBT-3000 Fuel Economizer Savings

(Boiler size is 105,00 BTU, based on 6 month heating season)



Source: Brookhaven National Laboratory for the U.S. Department of Energy December 1998

Intelligent Controls Reduce Fuel Costs

- Hot water boilers must be large enough to heat in coldest extremes
- Most days large heating capacity is overkill
- Burners run when they don't need to
- Unnecessary fuel is consumed
- Mechanical parts undergo undue wear and tear

The **RBT-3000 Fuel Economizer** brings advanced microprocessor control to virtually any existing boiler, automatically adjusting water temperature based on heat load – without the need for an outdoor sensor. Our patented Energy Management System:

- Reduces fuel/electricity consumption by 10% to 20%
- Reduces polluting emissions
- Reduces system wear for less maintenance, longer life
- Easy to install
- Requires no replacement of existing controls
- Requires no programming

Low water cut-off enhances safety

The **RBT-3000 Fuel Economizer** protects your boiler investment with the Low Water Cut-Off protection recommended by major boiler manufacturers and required by the 2000 International Mechanical Code, as well as many municipalities. LWCO provides burner cut-off if the water level drops below safe levels due to:

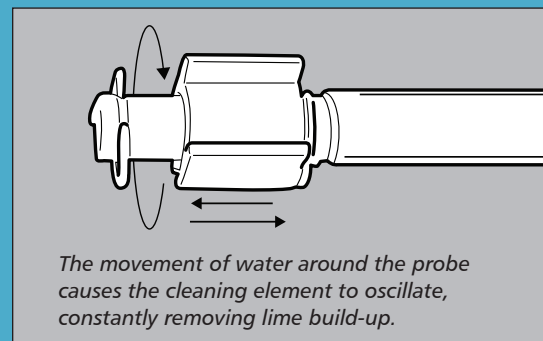
- Interrupted water supply
- System leaks
- Potential problems in above radiation applications, such as perimeter heat, snow melt, slab on grade, and indirect water heaters

It all boils down to savings

Longer life. Higher efficiency. Lower costs. They're a simple upgrade away. It's no wonder the **RBT-3000** is the hottest development in hot water heating technology. Transforming boilers that were behind the times with today's computer controlled efficiency. Adding years of cost-efficient, energy-saving performance.

Self Cleaning Probe – Only from Xylem

Lime buildup on probe surfaces can lead to nuisance boiler shutdown and the potential for water overflow. All Xylem electronic low water cut-offs provide the added protection of our exclusive self-cleaning probe – eliminating the need for probe maintenance for a full 5 years.



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