



# 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 ITT – an economical, easy-to-install universal upgrade designed to bring today's performance and protection to existing and new hot water boilers.

**ITT 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



## 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:

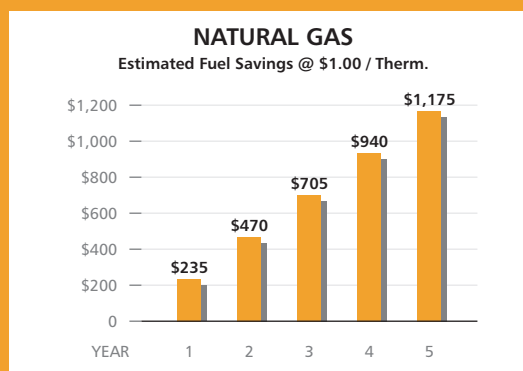
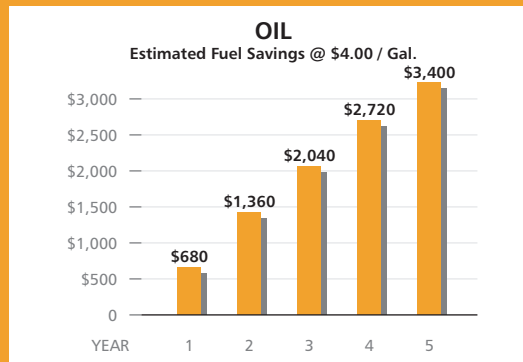
- Interrupted water supply
- System leaks
- Potential problems in above radiation applications, such as perimeter heat, snow melt, slab on grade, and indirect water heaters

## 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.

## RBT-3000 Fuel Economizer Savings

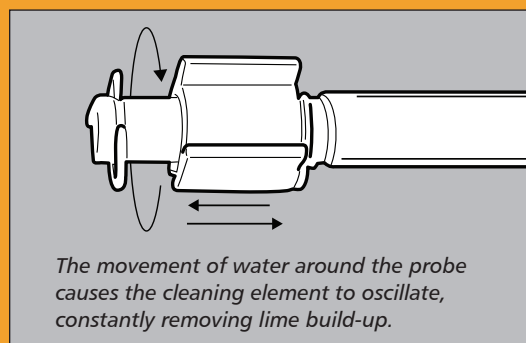
(Boiler size is 105,00 BTU, based on 6 month heating season)



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

## Self Cleaning Probe – Only from ITT

Lime buildup on probe surfaces can lead to nuisance boiler shutdown and the potential for water overflow. All ITT 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.



ITT  
8200 N. Austin Avenue  
Morton Grove, Illinois 60053  
Phone: (847) 966-3700  
Fax: (847) 965-8379  
[www.completewatersystems.com](http://www.completewatersystems.com)

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