

Hydronic System - Burner Control



**Heating Bills Out Of Control?
Then Regain Control
Now With The Beckett
Heatmanager And Cut You're
Heating Fuel Consumption
By 10% To 20% GUARANTEED!**

Reduce your heating bills by 10 to 20% and increase the comfort level in your home!

Your boiler is not as efficient as it could be. When your boiler runs, it makes extremely hot water. This is great on frigid winter nights when you need very hot water circulating through your baseboards or radiators to keep you warm - but it's too hot for those autumn days. In fact, it's too hot for most days in the fall, winter and spring but your boiler doesn't know any better.

Thankfully your thermostat realizes the problem. It compensates for the excessively hot water by turning your boiler on and off many times an hour. This keeps your house from overheating.

What the thermostat doesn't realize though is that the repeated on/ off cycling wears out your boiler and is a very inefficient way for the boiler to operate. Worst of all it costs you lot of money.

Features

- Saves energy - Improves overall heating system efficiency by matching the boiler water temperature to the system heat load.
- Guaranteed to reduce your heating fuel usage by 10% to 20% or we'll refund your full purchase price!
- Can be installed on most new or existing boiler-type heating systems and works with any fuel†.
- Typically pays for itself in 12 to 24 months. After that, you continue to save season after season.
- Reduces boiler on/off cycles by up to 30%.
- Reduces wear and tear on boiler and components.
- Can be installed in just 30 minutes by a qualified professional.
- No outdoor temperature sensor needed - this means no holes in your walls.

† For boilers up to 300,000 BTU. Control not recommended for boilers that don't regularly exceed 66°C (150°F).

**Optimize Your Boiler's Efficiency Now
With The Beckett Heatmanager**

The HeatManager will automatically adjust the average temperature of the circulating hot water in your system as your heating needs change so you'll get just the right amount of heat at the right time. By adding a HeatManager to your boiler system you'll experience these results:

- 10 to 20% reduction in heating fuel usage **GUARANTEED!!!**
- More even comfort level since the heat being delivered will match exactly what is needed, rather than providing spikes of heat every so often.
- Less wear and tear on your boiler due to fewer on/ off cycles.

GUARANTEE

R.W. Beckett guarantees that you will reduce your energy consumption for heating by a minimum of 10% in the first full year of operation* or we will refund the full purchase price of the product.

* Consumption data must be normalized for the periods of consumption.

Hydronic System - HeatManager Control

HeatManager is a microprocessor controlled fuel-economizer device for residential boiler (hydronic) heating systems. The **HeatManager 2.5** is designed for light commercial boiler heating systems.

HeatManager automatically adjusts burner firing patterns and average boiler water temperature to match system heat load. Its action is similar to outdoor reset, but does not require an outdoor sensor. HeatManager works with the existing boiler control/Aquastat to reduce fuel consumption, wear on parts, fuel emissions and electrical usage when installed on any new or existing gas or oil burner. Heat Manager conserves energy by adjusting the burner run pattern to match the system's "heat load." The control determines the "heat load" by using an easily installed strap-on temperature sensor, that monitors the rate of change of the boiler's out-flow water temperature. Unit mounts on either the junction box or directly on top of the aquastat using integrated 1/2" electrical fitting and supplied lock nut.



HeatManager (Res.) & HeatManager 2.5 (Com.) Controls

- Controls include one 65-7518 temperature sensor.
- Commercial units - Feature LCD display to show operating modes, diagnostics, system pressure/ temperature.

**Use Less Fuel To
Generate The Same
Amount Of Heat!**



65-7512
Illustrated

Part #	Application	Performance Specifications
65-7512	Residential Hot Water Boilers	Operating humidity: 5% to 95% non-condensing. Operating Ambient: -23°C to 49°C (-10°F to 120°F)
65-7514	Commercial Hot Water Boilers	Power input: 24/115/220 VAC @ 5W. Control circuit: 24 VAC/DC, 115/220 VAC.
65-7515	Commercial Steam Boilers <25 psi	Relay contact: 10A @ 220 VAC general purpose. Dimensions: 4" x 4" x 2 1/2".
65-7516	Commercial Steam Boilers 25-145 psi	Construction: PC board enclosed in oil resistant, molded plastic case.
65-7518	Additional temperature sensor - for replacement or domestic hot water systems.	