



Boilers are designed to handle heating needs under the coldest possible outdoor conditions. But during milder temperatures — 80 percent of the heating season — most boilers will still operate at full capacity, wasting energy and money.

Outdoor Reset Controls help save energy by operating a boiler at the most efficient setpoint based on outdoor temperature. As the outdoor temperature changes, the control adjusts the boiler to the optimum temperature that will ensure the homeowner stays comfortable. Some advanced reset controls also monitor indoor temperature when adjusting the boiler, to account for fluctuations within the home. The result:

- Heating costs reduced by up to 15 percent*
- Improved indoor comfort with fewer temperature fluctuations
- Reduced standby losses from the boiler and stack losses from the exhaust flue
- Reduced equipment cycling for longer equipment life and more continuous, comfortable space heating

*Honeywell Inc. 1979 Study: Control Systems Providing Energy Savings with single and multi-zone Hydronic Heating. 15 percent is the average energy savings and can only be achieved when installing an outdoor reset model, domestic hot water priority is off and the unit is installed as directed.

The Smart Choice Is Honeywell

Use the product chart below to get exactly what you need for your application.

HONEYWELL AQUARESET OUTDOOR RESET PRODUCTS:

Model Number	Description
L7224R1000	Honeywell AquaReset System: Includes L7224U1002, 50022037-002 and C7089U1006
W8735S1000	Honeywell AquaReset Kit: Includes 50022037-002 and C7089U1006
W8735S1008	Honeywell AquaReset Domestic Hot Water Kit: Includes 50022037-005 and 32003971-003

AQUATROL OUTDOOR RESET PRODUCTS:

Model Number	Description
AQ25110B	Aquatrol Single-Zone Reset Control Panel: Includes AQ12C10
AQ25142B	Aquatrol Multi-Zone Reset Control Panel (for pumps or zone valves w/o end switches): Includes AQ12C10
AQ25144B	Aquatrol Multi-Zone Reset Control Panel (for zone valves with end switches): Includes AQ12C10
AQ25242B	Aquatrol Multi-Zone Reset Control Panel for Multiple Temperatures (for pumps or zone valves w/o end switches): Includes AQ12C10
AQ25244B	Aquatrol Multi-Zone Reset Control Panel (for zone valves with end switches): Includes AQ12C10

SYSTEM COMPONENTS:

Model Number	Description
L7224U1002	Electronic Oil Aquastat: Now Outdoor Reset Ready
50022037-002	Honeywell AquaReset Outdoor Reset Module
50022037-005	Honeywell AquaReset Domestic Hot Water Module
C7089U1006	Honeywell AquaReset Outdoor Temperature Sensor
32003971-003	Honeywell AquaReset External Supply Pipe Sensor
AQ12C10	Aquatrol Outdoor Temperature Sensor
AQ1000TN2	Aquatrol Non-Programmable Communicating Thermostat
AQ1000TP2	Aquatrol Programmable Communicating Thermostat

Honeywell's Outdoor Reset Controls meet upcoming U.S. Department of Energy mandated regulations:

2012 — All Manufacturers will be required to include advanced control in boilers.
 2015 — All Distributors will be required to sell boilers with advanced control.

Learn More

Call toll-free 1-800-328-5111,
 visit www.forwardthinking.honeywell.com
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DELIVER UP TO 15%* ENERGY SAVINGS
 IN HYDRONIC HEATING APPLICATIONS

Application And Selection Guide

outdoor reset control SOLUTIONS

Existing Equipment Upgrades

Help homeowners increase the efficiency of their current system and the overall comfort of their home with Honeywell Aquatrol® Hydronic Reset Control Panels:



AQ25110B

Single-Zone Retrofit Control Panel

- **Outdoor Reset** uses outdoor temperature feedback to adjust the boiler temperature according to the home's heating needs
- **Integrated Domestic Hot Water Priority** ensures that all household hot water needs are met
- **Easy Installation** to work with components of existing systems



AQ251 and AQ252

Multi-Zone Control Panels

- **Advanced Outdoor Reset** uses both outdoor and indoor temperature feedback to adjust the boiler temperature according to the needs of each zone
- **Integrated Domestic Hot Water Priority** ensures that all household hot water needs are met
- **Zone Synchronization** provides enhanced comfort and energy savings

When you think outdoor reset, think Honeywell. Whether you're installing a new boiler or looking to offer energy savings on an existing hydronic heating system, turn to Honeywell for the most complete line of energy-saving Outdoor Reset Controls. For every application, every day, there's a Honeywell Outdoor Reset solution that's just right.



New Boiler Installations

When installing a new boiler, offer homeowners the option to upgrade to enhanced energy savings with a Honeywell Outdoor Reset solution.



W8735S1000

If the new boiler comes with a Honeywell Outdoor Reset Ready electronic oil Aquastat®, simply add a Honeywell AquaReset™ Outdoor Reset Kit.

Honeywell AquaReset™ Outdoor Reset Kit

- **Outdoor Reset** uses outdoor temperature feedback to adjust the boiler temperature according to the home's heating needs
- **Outdoor Reset Ready** icon easily identifies outdoor reset-enabled oil Aquastats in the field



AQ25110B, AQ251 and AQ252

If the new boiler comes with a generic Aquastat or other control component, upgrade to outdoor reset using Aquatrol Controls.

AQ2000 Series Hydronic Control Panels

- **Automatic Outdoor Reset** with an Aquatrol AQ25110B Single-Zone Control Panel
- **Advanced Outdoor Reset** and comfort with an Aquatrol AQ251 and AQ252 Multi-Zone Control Panel
- **Integrated Domestic Hot Water Priority** ensures that all household hot water needs are met

Boiler Service Calls

When a homeowner calls for service because their oil-fired boiler control component fails, offer to repair and upgrade their system with the added energy savings of Outdoor Reset:



L7224R1000

Honeywell AquaReset Outdoor Reset System

- **Outdoor Reset** uses outdoor temperature feedback to adjust the boiler temperature according to the home's heating needs
- **Easy Installation** in three steps for energy efficiency and additional system diagnostics

Honeywell AquaReset and Domestic Hot Water Priority Applications

Honeywell AquaReset Domestic Hot Water Kit

A domestic hot water kit is required to enable domestic hot water override with an indirect tank in select applications.



W8735S1008

- **Integrated Domestic Hot Water Override** ensures that all household hot water needs are met
- See instructions or visit customer.honeywell.com for complete details.

Whatever your application needs, all Honeywell Outdoor Reset products offer a wide range of features for ease of use and easy installation. Learn more at www.forwardthinking.honeywell.com.