

# Control It All With The Honeywell AQ2000

Operating a hydronic heating system is just like operating any other heating system — just set your thermostat and let your system do the work. For the best energy efficiency and system reliability, use a Honeywell AQ2000 hydronic system controller. Its effectiveness can't be beat, and since it's made by Honeywell, you know it's dependable.



## AQ1000TN2 Communicating Thermostat

- Simple, easy to use
- Easy to retrofit
- Indoor and Outdoor temperature is shown on display (on models equipped with outdoor sensors)
- Communication enables easy 2-wire "polarity insensitive" installation for quick and easy wiring of both retrofit and new construction jobs
- Setpoints for all zone thermostats can be programmed at the main control panel to save time
- Can display temperature as Fahrenheit or Celsius
- Easy-to-read backlit display
- Settings memory retained on power loss
- Can connect a floor sensor to any AQ1000 thermostat and control room and floor temperature
- 3-5% energy savings because of thermostat's communicating abilities
- Aesthetic appeal

# Quality Products Backed By Honeywell

From thermostats to humidifiers, Honeywell is the most trusted name in home comfort. Simply put, Honeywell products deliver energy savings and reliable, long-term service. AQ2000 controls are built and backed by Honeywell, so you'll enjoy peace of mind along with your comfortable, energy-efficient home.

### Learn More

For more information on hydronic heating with Honeywell AQ2000 controls, contact your heating and cooling contractor or visit [yourhome.honeywell.com](http://yourhome.honeywell.com) and click on Hydronic Heating in the Water Solutions area.

**1-800-328-5111**

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**Aquatrol® AQ2000  
Hydronic Controls**

**Honeywell**



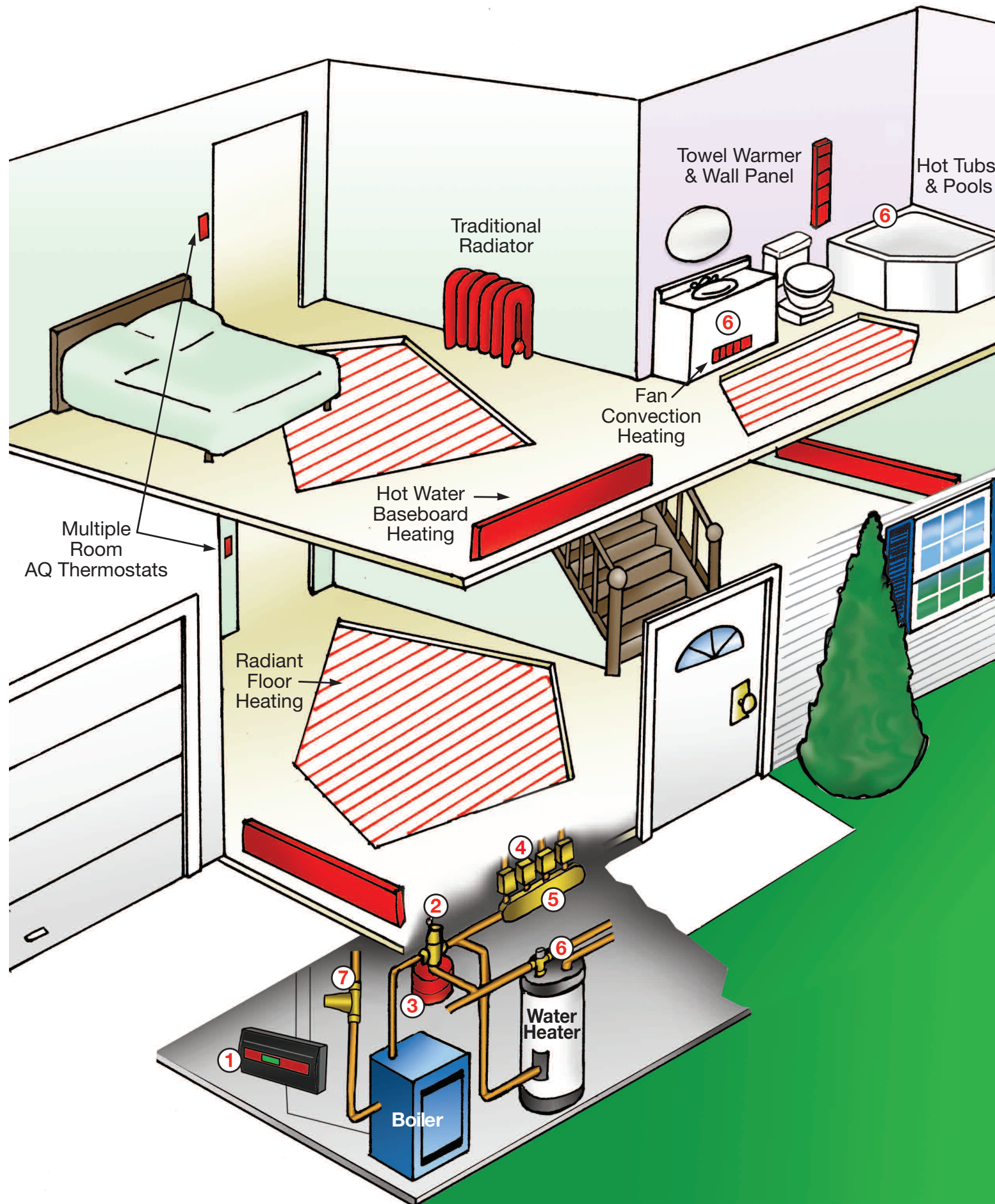
**Energy Savings And Comfort  
Have Never Been Easier**

**Honeywell**



# Hydronic Heating For Your Home

**Honeywell**



Hydronic Basics - Typical Hydronic Applications

## Hydronic Heating Provides More Overall Comfort For Your Family While Lowering Energy Bills

Hydronic heating is the perfect choice for today's homes. It's more energy efficient than traditional forced-air furnaces, and provides many other homeowner-friendly features;

- Heat that's less dry than forced-air heat, without being humid
- No bulky ductwork (small pipes only)
- Clean and quiet operation
- Warm floors and towel bars
- More available hot water for showers and tubs, helping your water heater operate more efficiently
- Zoned temperature control
- Both indoor and outdoor temperature can be displayed on thermostats

## Make It A Honeywell System

In addition to adding the AQ2000 Controller to run your entire hydronic system, be sure to ask your contractor to use all Honeywell hydronic accessories when installing your heating system. Honeywell makes world class air eliminators, zone valves, and more so your system will run more quietly and effectively over time.

1. **AQ2000 Controller**
2. **Supervent® Air Eliminator:** PV or PVU Series
3. **Expansion Tanks:** TK or TX
4. **Zone Valves:** V8043 1000 or 5000 Series
5. **Manifold Zone Valves:** RM, RAM, SZ, and S2Z Series
6. **Mixing Valves:** AM-1 Series, AM 1070, AMX Direct-Connect™, UMV Series UnderSink Thermostatic Mixing Valve, and the MX Series High Capacity Mixing Valves
7. **Backflow Preventers:** BP700, BP701, BP900, BP901  
**Fill Valves:** F449, FM450, FM911



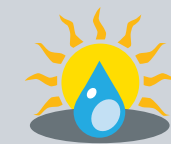
## Energy Savings



**Efficient** — The AQ2000 monitors the outdoor air temperature and matches the boiler temperature to the heating load of your home, allowing you to save an average of 15%\* off your energy bill.



**Intelligent** — Zoning with the AQ2000 allows you to have a thermostat in each room or group of rooms. The thermostats communicate with each other to operate efficiently and deliver heat where it's needed rather than everywhere. Think of it like a light switch — you have one in each room, but only turn on the lights when you need them.



**More Hot Water** — The powerful AQ2000 system can be set to provide you with Hot Water Priority, which assures that you will always have an ample supply of hot water for washing and showers — if you have a teenager, you know how handy that can be! (Ask your contractor about domestic hot water heaters that work in conjunction with your boiler).



**No Wasted Energy** — Normally, when a boiler turns off, excess heat sits in the boiler and does not get used. The AQ2000 delivers that retained heat to zones where it can be used, so no energy is wasted. The AQ2000 also keeps your boiler from cycling too often, helping to save energy as well as wear and tear.

## Equipment Protection Features



**Keeping In Shape** — During periods of inactivity, the AQ2000 makes sure your system gets some exercise. After two weeks of inactivity, it energizes all system pumps and valves to greatly reduce their chances of "seizing up."



**Freeze Protection** — If there's a wiring malfunction, the AQ2000 ensures that small amounts of heat are being sent to the zones periodically. This prevents your home from freezing while you're waiting for service.

\*Honeywell Inc. 1979 Study: Control Systems Providing Energy Savings with single and multizone Hydronic Heating. 15% is the average energy savings and can only be achieved assuming Domestic Hot Water Priority is off and the unit is installed as directed.