

Comfortable LIVING

Fall 2017

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Thermostats 101

Imagine living in the early 19th century. Fall is here and you've turned on your furnace. There's only one problem: your house keeps swinging from nippy to sweltering. And every time it goes too far in one direction, you have to patter down to the basement to adjust valves, dampers or the furnace itself.

What a drag! Fortunately, this changed with the invention of the thermostat.



How Thermostats Control Temperature

The basic way that thermostats control temperature is by sensing

the space temperature and sending a signal to equipment to make changes until the temperature matches the set point.

How the thermostat does this depends on what it's connected to.

For furnaces, the thermostat might turn the fan and burner on to increase the temperature and turn it off when the temperature is just right. Air

conditioning control works by turning on the fan and unit when the temperature gets too high. Some thermostats are connected to valves that open and close to allow hot water into a

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Thermostats 101

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radiator when the temperature drops.

Types of Thermostats

Thermostats come in three flavors: programmable, non-programmable and smart.

Programmable thermostats allow you to save multiple set points for daytime, nighttime and weekends (depending on the thermostat itself). This allows you to save on energy when you don't need as much heating or cooling while you're at work, for example. A thermostat set to a lower temperature at night (known as night setback) is a common way to save on energy as well, without having to remember to manually turn down the temperature before bed.

Non-programmable thermostats are your basic manual



thermostats that you set and change as needed. They can be dial type where you turn a dial to set the temperature, or digital. If you want to lower the setting on a winter's day while you're out of the house, you'll have to make sure you do it manually before you rush out the door.

Look for a coupon on page 3

Smart thermostats give you the benefits of programmable thermostats with added features. Many of them learn your habits and change settings according to your inputs and whether you're home or not. You can control the temperature in your home from an app so you save on energy when you're away but come home to a comfortable temperature.

Making the Right Choice

If you need help choosing the right thermostat, and installing it, give **AIR RESCUE** a call and we'll help keep your home at that just-right temperature day and night, season after season.

5 Benefits of Having a Maintenance Agreement

Most people go into a panic when things go wrong with equipment at home. One way to reduce the panic and keep your house in order is to have a maintenance agreement with a professional company. For a fixed monthly or annual fee, a professional will keep your equipment in top working order.

Here are some reasons why you should have a maintenance agreement in place for your home:

1. Lower cost over time. When you maintain your equipment, the repair cost tends to be lower, and failure happens less frequently. Your equipment operates more efficiently when well maintained, saving money on operating costs like your utility bills. This may also reduce the pressure on emergency funds for sudden breakdowns and repair.

2. Peace of mind. Besides saving you money, regular maintenance will reduce the chance of you getting stuck in the heat with no air conditioning or taking cold showers for days while your water heater is being replaced. A maintenance agreement will also lengthen the lifespan of the components in your equipment. This postpones replacement and allows you to maximize the use of your equipment.

3. Keeping Your Warranty. Some manufacturers won't replace a part if the unit has not been maintained by a professional. Rather than having to remember to book and keep up with maintenance yourself, having an agreement in place ensures that you keep the added protection of a warranty should your parts fail.

4. Relationship. You can count on your regular service company who will want to keep your business rather than one-off servicing by a stranger. If there are any ongoing issues, a maintenance agreement will provide you with better follow up on work done. The technicians who take care of your home will also become familiar with how everything works and will be better able to make suggestions and pick up on issues early on.

5. Safety. For routine maintenance, you may be able to take care of it yourself. You might even be tempted to do more complex maintenance on your own. However, a professional will know the safest way to carry out the work. Protect yourself and your family by having a professional do regular, planned maintenance on your equipment.

Get your home's maintenance in order. To find out more about maintenance agreements, and whether it's the right fit for you,



Coupon Corner

\$25 OFF
Any Service Call

Single use only. Not valid with any other offers. Expires 12/31/17. Must present at time of your call.

Fall Furnace Tune-Up
Only \$79.⁹⁹

Single use only. Not valid with any other offers. Expires 12/31/17. Must present at time of your call.

SAVE \$40 on any
Smart Thermostat Installation

Single use only. Not valid with any other offers. Expires 12/31/17. Must present at time of your call.

Joke Corner

Technician: "How long has your air conditioner not been working?"

Customer: "2 weeks."

Technician: "Why did you wait 2 weeks to have it fixed?"

Customer: "My in-laws were here. They were planning to stay for a month."



Stuffed Chicken Parmesan

This is a twist on the classic chicken parmesan meal. Instead of thin cuts of chicken, breaded, this recipe calls for full chicken breasts. Even better, the chicken is stuffed with mozzarella and bacon. Serve over any pasta, including zucchini pasta for an easy meal. Yum!

- Chicken breasts
- Shredded mozzarella cheese
- Sliced provolone cheese

- Chopped bacon
- Marinara sauce
- Chopped basil

- Chopped oregano
- Two eggs, mixed
- ½ cup flour

- ½ cup bread crumbs
- ¼ cup grated parmesan
- Cooked pasta

Preheat oven to 350 ° F. Pour marinara sauce in a glass casserole dish and set aside. Arrange three plates, one with flour, one with mixed eggs, and

one with bread crumbs and grated parmesan mixed together. Cut a pocket in the chicken and stuff full of mozzarella and bacon. Hold the chicken breasts together and roll in the flour, then roll in the mixed eggs, and finish by rolling

in the bread crumbs and parmesan. Place in the casserole dish on the marinara sauce. Cover each chicken breast with provolone cheese. Bake for 20–25 minutes until cooked through. Garnish with basil and oregano.

Autumn Sudoku

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