

Honeywell-Thermostats.com – Assistance to buy Honeywell Thermostats

Shopping Assistance Service for customers buying Honeywell thermostats.

August 22, 2009 (FPRC) -- Fort Lauderdale, FL – Introducing Honeywell-Thermostats.com (<http://www.honeywell-thermostats.com/>), a Shopping Assistance Service for customers buying Honeywell thermostats. Their mission is to provide the customers with the best service to buy HVAC thermostats. No one knows thermostats better than Honeywell. Their heritage is built on over 100 years of thermostat design and manufacturing. The primary job of a thermostat is to accurately control home temperature, and that is why Honeywell makes thermostats that are easy to use, contain high quality components and are engineered to precise design specifications resulting in pinpoint temperature control to +/- 1 F. The focus is on quality, performance and innovation, and it shows in the complete lines of brand new Honeywell thermostats.

A thermostat is a device for regulating the temperature of a system so that the system's temperature is maintained near a desired setpoint temperature. The thermostat does this by switching heating or cooling devices on or off or regulating the flow of a heat transfer fluid as needed to maintain the correct temperature. The Honeywell digital thermostats have no moving parts to measure temperature and instead rely on thermistors or other semiconductor devices such as a resistance thermometer (resistance temperature detector). Typically one or more regular batteries must be installed to operate it, although some so-called 'power stealing' digital thermostats use the common 24 volt AC circuits as a power source, but will not operate on thermopile powered 'millivolt' circuits used in some furnaces. Each has an LCD screen showing the current temperature, and the current setting. Most also have a clock, and time-of-day and even day-of-week settings for the temperature, used for comfort and energy conservation. Some advanced models have touch screens, or the ability to work with home automation or building automation systems. Honeywell digital thermostats use either a relay or a semiconductor device such as triac to act as switch to control the HVAC unit. Units with relays will operate millivolt systems, but often make an audible 'click' noise when switching on or off.

More expensive models have a built-in PID controller, so that the thermostat knows ahead how the system will react to its commands. For instance, setting it up that temperature in the morning at 7 a.m. should be 21°C, makes sure that at that time the temperature will be 21°C, where a conventional thermostat would just start working at that time. The PID controller decides at what time the system should be activated in order to reach the desired temperature at the desired time. It also makes sure that the temperature is very stable (for instance, by reducing overshoots). Most Honeywell digital thermostats in common residential use in North America and Europe are programmable thermostats, which will typically provide a 30% energy savings if left with their default programs; adjustments to these defaults may increase or reduce energy savings.

About us:

Honeywell-Thermostats.com (<http://www.honeywell-thermostats.com/>) is one of the brands from DtiCorp, a software company started in 1996 focusing on building affordable software for

businesses. DtiCorp has served a diverse range of enterprise IT, networking and telecom customers. We know our customers have a choice of many vendors, and we want to earn their business and their trust by working hard for it. And having earned their business, we want to keep them happy so they will choose to do business with us again. These simple ideas have served us well, during good times and bad. DtiCorp has achieved impressive growth, and has emerged as a rock-solid supplier and partner, with sound financials.

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