

Furnace Repair Ottawa Explains in New Blog Post How to Choose an HVAC System that Keeps Everyone Comfortable While Minimizing Utility Costs

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Furnace Repair Ottawa, an HVAC services company based in Ottawa, Ontario, Canada, has released a new blog post that explains how homeowners and other property owners can choose an HVAC system that keeps everyone comfortable while minimizing utility costs. The article explains the basics of HVAC systems, such as heating systems, cooling systems, and the six main types of HVAC systems.

Those who reside in very cold places like Ottawa may want to use choose heaters or heating systems that allow them to be comfortable despite the freezing cold weather. Too much coldness can cause hypothermia, which is dangerous to health and can even be fatal. Thus, it is essential to choose the proper heating system for the home and ensure that it is capable of providing the necessary warmth to protect people from the cold.

Heating systems are available in various forms. Some come in the form of furnaces that burn fuel to provide heated air that is delivered through the ductwork. Others are in the form of boilers where water is heated for steam radiators, electric heaters, heat pumps, or forced-water systems with baseboard radiators. Furnaces generally use natural gas or propane as fuel, while boilers utilize oil or gas for heating the water. Still another alternative for heating systems is the radiant floor, also called a hydronic heating system, that uses pipes under the floor that are filled with water or a glycol solution. For those who want to read the blog post, it is titled, [?Everything You Need to Know About HVAC Systems.?](#)

Bryan Holt, a representative for Furnace Repair Ottawa, says, [?There are many advanced systems or models available in the market at varying prices. They have different features and energy consumption likewise varies. However, these are still proven inefficient compared to multi-staged systems that not only offer comfort but are more energy-efficient choices for both residential and commercial spaces. Aside from these, there are also other less common options that you may also want to look into that are friendlier to the environment if you are the type to be conscientious of your energy use and how much carbon footprint you contribute to your surroundings.?](#)

Also available is the split system, which is a combination of an outdoor condensing unit and an indoor air handling unit. The outdoor condensing unit is made up of a compressor and a condenser coil, while the indoor air handling unit has a supply air fan and an air-to-refrigerant heat exchanger (or cooling coil), and the expansion device. Split systems are often used in residential or small commercial buildings. Split systems have the highest energy efficiency rating (EER) of all available air conditioning systems. Meanwhile, manufacturers are also required to provide the seasonal EER (SEER) of a particular model and SEERs range from 10 to 20. If heating is needed, an alternate heating method for the building has to be used, usually through electric or gas heating.

There are six primary types of HVAC systems. These are the heat pump, rooftop unit, water source heat pump, packaged HVAC, split system HVAC, and the ductless system. Heat pumps are efficient systems where heat is extracted from a cold space and then this is heated and released into a room to raise the temperature to a comfortable level. When used for heating, heat pumps will apply the same refrigeration-type cycle utilized in an air conditioner, but instead of releasing the air outside as is done with a cooling system, the heated air is pushed in the opposite direction. Rooftop units are also called air handlers and are used to regulate the temperature of large spaces. Packaged HVAC units are smaller versions of rooftop units and are for domestic use.

Those who are looking for an Ottawa furnace company may want to check out the Furnace Repair Ottawa website, or contact them on the phone or through email. They are open 24 hours a day, from Monday to Sunday, but it is advisable to contact them first before going to their office as their hours or services may vary because of the Covid 19 situation.

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For more information about Furnace Repair Ottawa, contact the company here: [Furnace Repair Ottawa](https://furnace-repair-ottawa.ca/) Bryan Holt (613) 706-3540 Holtbryan22@gmail.com 3825 McBean St, Ottawa Ontario K0A 2Z0

Furnace Repair Ottawa

Furnace Repair Ottawa provides emergency heating services to Ottawa area households 24/7.

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