

REDUCE ENERGY COSTS AND IMPROVE AIR QUALITY WITH BLUTREE

How can you keep a room warm and comfortable with today's high heating costs? One of the big challenges facing homeowners today is how to keep temperatures constant – not just from room to room, but also from floor to floor. And we all know how difficult it is to control heating and cooling, especially with drafts created by windows, all while ensuring your air stays fresh.

BluTree has found the solution.

What Is BluTree

Similar to displacement ventilation, BluTree is a cutting-edge system that eliminates the cold spots, musty corners and drafts usually left behind by traditional forced-air systems. It also helps improve indoor air quality, all while reducing long-term energy consumption and delivering even air temperatures.

How Does It Work?

The BluTree system works by creating a constant, gentle flow of rising air throughout a room. While traditional forced-air systems must rely on blasting short bursts of hot air to heat rooms, BluTree provides airflow that is prepared for the room's temperature needs before being introduced, reducing variation and the uneven distribution that furnaces creates. It also brings in levels of fresh air that are normally only seen by opening windows.

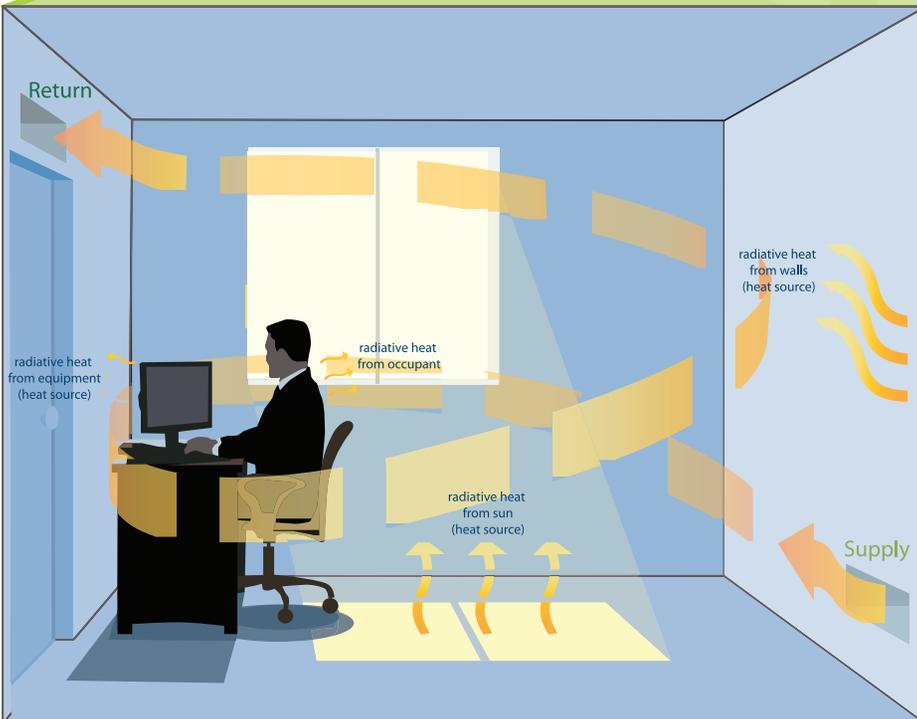
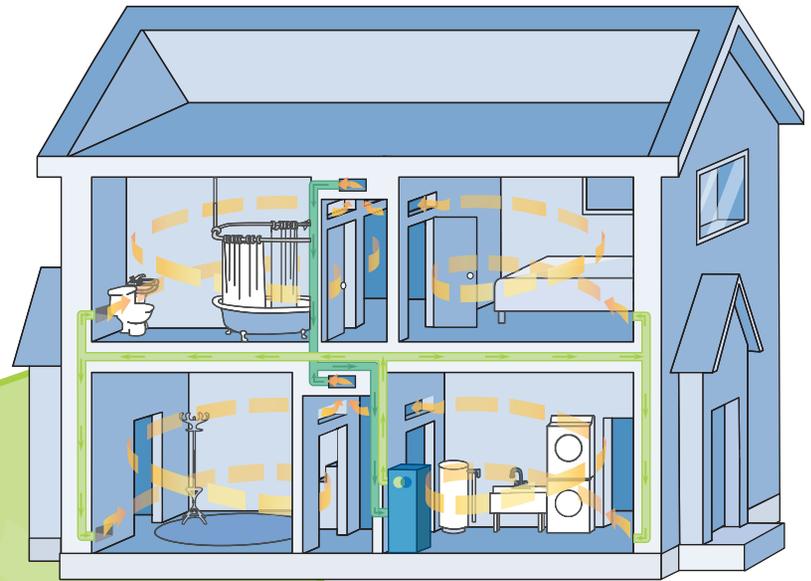
Benefits of Incorporating BluTree System:

- Greater indoor comfort
- No hot or cold spots
- Eliminates musty corners and drafts
- Constant incoming flow of fresh air
- Recycles heat from exhausting air
- Reduces need to open windows for fresh air
- Fewer parts, thereby reducing operating and maintenance costs
- Ultra-quiet, variable-speed motor
- Optional air humidification/de-humidification

BluTree also provides an optional program for homeowners who wish to monitor and control their system directly through their smart phones, receiving alerts for maintenance such as cleaning and replacing air filters. The system can also be monitored by BluTree.

BluTree Helps Improve Air Quality

We normally open our windows to bring fresh air into a room, which affects the temperature and oftentimes makes the heating system work to restore it. BluTree regularly brings fresh air into interior spaces at set temperatures, meaning more comfortable rooms. Reusable filters remove dust and allergens from the air, and a UV treatment option can be added to the system to kill germs and pathogens.



Why Install BluTree?

BluTree is flexible, and can be supplemented by a variety of different heat source types, including hot water, gas and electric. It helps reduce energy consumption in the long term. Displacement ventilation systems can reduce energy consumption by 30% over traditional heating systems through its use of recovered heat, and by preventing air temperatures from dropping below established setpoints. BluTree reduces the need for homeowners to constantly raise or lower thermostats, adjusting automatically to compensate for increases in the number of people in a room. The system can also adjust its mixture of warm and cold air to cool a room as needed, and has successfully kept interior temperatures comfortable despite hot outdoor conditions.

Where Can BluTree Be Installed?

BluTree can be designed and incorporated to suit any building. The technology works effectively in a number of different climates, and has already been installed in homes in Western Canada, the United States and New Zealand.

When Should BluTree Be Installed?

BluTree is typically installed in homes during new construction, but it can also be incorporated into existing residences during renovation work.

To Find Out More:

Contact us at www.blutreeclimate.com.

About BluTree

BluTree is a Canadian company, established in Delta, BC in 2007.

