



IN THE LOOP

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Design Freedom of Infloor Stainless Steel Manifolds



We continue to take steps to make radiant heating simple for builders, architects, installers, and property owners, by reducing the complexity of the systems while increasing quality.

Infloor pre-assembled Stainless Steel manifolds are equipped with flow rate regulation valves (flow meters), with preset cut-off valves set-up for electro-thermal actuator control, and with drain and air vent units.

The ball valve and air vents are not attached, allowing for design freedom to tie into the manifold from the right or the left, or a combination of both, which is a great benefit and something not available with other manifolds.

The benefits don't stop there. Contact us to learn more.

Join the conversation   

In The Loop is a publication for customers, distributors, contractors, and friends of Infloor Heating Systems; a division of Infloor Sales & Service, Buena Vista, CO. www.infloor.com.

Breathe Easier: Ways to Improve your Home's Indoor Air Quality

More than 6 million American children, nearly 9% of all kids in the U.S., have asthma, according to the Centers for Disease Control and Prevention. Each year, asthma attacks send more than a million people to emergency rooms, including approximately 24,000 children younger than 15, the CDC also reports. Yet health experts agree many of those asthma attacks could be avoided

through a range of tactics, including by improving air quality inside homes.

"Most people can control their asthma and live symptom-free," the CDC stated. Knowing how to reduce or eliminate exposure to allergens and irritants inside the home could help people avoid at least some asthma attacks.

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Smart Thermostats for Smart Heating Systems

ecobee SmartSi



- ▶ The *Wi-Fi* connected *ecobee SmartSi* thermostat intuitively understands when to turn on your heating or cooling equipment based on your home's unique energy profile and the weather outside, making sure you're comfortable at all times.
- ▶ Monitor & control it anytime - from anywhere - on your smartphone, tablet, or computer.

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Ways to Improve your Home's Indoor Air Quality

Asthma and kids

More than 47% of all asthma attacks occur in children, according to CDC data. KidsHealth.org says asthma is the leading cause of chronic absence from school, and the chronic illness that sends kids to the emergency room most often.

Many factors can trigger allergy attacks, including exposure to allergens inside the home. As the weather warms and parents open windows to bring fresh air into their homes, the breeze that enters can be full of pollen, mold spores and other airborne irritants. What's more, irritants already inside the home such as pet dander, dust mites, smoke, bacteria, and viruses can contribute to asthma symptoms.

Improving indoor air quality with Infloor Heating Systems

Your home's heating, ventilation, and air-conditioning systems play a critical role in the air quality inside your home. Infloor Heating Systems are ideal for people with asthma and allergies because the heating systems do not blow air, dust, and contaminants around your home, keeping the air cleaner for everyone.

Radiant heating is a completely different type of heating method. It is the method of intentionally using the principles of radiant heat to transfer radiant energy from an emitting heat source to an object. Since the heating surface (the floor) is much larger than other systems, a much lower temperature is required to achieve the same level of heat transfer. This provides an improved room climate with healthier humidity levels and air quality.

Other things you can do to ensure clean air inside your home:

- * Vent bathrooms and laundry rooms directly outside the home, and ensure vent fans are always working well.
- * Any equipment that creates combustion and exhaust, such as fireplaces, heaters, stoves, range tops, and furnaces

should also vent outside to keep harmful fumes from re-entering your home.

- * When you vacuum, turn on your home's ventilation system, if you have one. Vacuuming stirs particles into the air, and your running ventilation system can catch those particles and filter them from the air. Be sure to change filters regularly.
- * Monitor and control the humidity in your home. Bacteria and viruses, which can contribute to asthma symptoms, thrive in very dry environments. Consider adding a whole-home humidifier. Through the use of natural evaporation, humidifiers help maintain optimum humidity throughout the entire house, without the limitations of portable humidifiers that can only affect a single room.
- * Air cleaners can remove irritants from the air. Like single-room humidifiers, however, portable air cleaners have limited effect.

Studies show the number of people with asthma is growing worldwide. Health experts from the CDC to the National Institutes of Health agree that controlling indoor air quality in homes could benefit children with asthma, as well as asthma sufferers of all ages.



Infloor Heating Systems improves your home's air quality and comfort.

#WeMakeRadiantSimple