

Zug, July 14, 2022

Siemens equips RDG200 thermostat with new CO₂ monitoring and control features

- **RDG200 thermostat now equipped with a built-in CO₂ sensor for monitoring and controlling indoor air quality**
- **Helps provide a healthy indoor climate and a safe place to work**
- **Achieves high energy efficiency and reduced energy costs**

Siemens Smart Infrastructure's RDG200 thermostat series now offers a model that is natively equipped with a CO₂ sensor and control functions. They allow the indoor air quality to be monitored and adjusted to ensure a healthy and productive indoor air climate at all times for people in the building, while maintaining efficient operation. When the air quality deteriorates because the CO₂ concentration rises, the ventilation system is automatically adjusted and ensures that the right amount of fresh air is provided to the space.

The system thermostat can be natively integrated into Synco and Desigo systems from Siemens or into third-party systems thanks to its open KNX communication capability. With its new CO₂ features, RDG200 not only ensures adequate ventilation when space occupancy is high, but also ramps ventilation down when CO₂ concentration is low, thereby supporting energy-saving strategies in the room. A wide range of preloaded applications provides a multitude of options for sustainable room automation. The on-screen display informs the building user on the current CO₂ status of the room. The one-touch "Green Leaf" function increases user awareness and promotes action to operate the space in the most energy efficient manner.

According to a study by the U.S. Environmental Protection Agency, poor ventilation may account for more than 50 percent of all sick leave, and poor indoor air quality noticeably decreases office work performance. Additionally, the pandemic has

raised awareness for the importance of indoor air quality in offices, but also in buildings like schools and universities.

Thermostats customized to any building need

The extensive thermostat portfolio from Siemens ranges from simple mechanical and digital room thermostats for basic room climate control to advanced communicating thermostats for integration into building automation systems. With their versatile outputs, the RDG200 thermostats cover most installation needs, including heating and cooling, fan coils and variable air volume. The compact all-in-one thermostats with large displays and multifunctional built-in sensors are easy to install and commission and support cost-effective room automation solutions.

This press release and a press picture are available at

<https://sie.ag/3ulYyqC>

For further information on Siemens Smart Infrastructure, please see

www.siemens.com/smart-infrastructure

For further information, please see

www.siemens.com/rdg200

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2021, the business had around 70,400 employees worldwide.

Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power. In fiscal 2021, which ended on September 30, 2021, the Siemens Group generated revenue of €62.3 billion and net income of €6.7 billion. As of September 30, 2021, the company had around 303,000 employees worldwide. Further information is available on the Internet at www.siemens.com.