

## **AVEbus and Connected Chronothermostats Updated: Now Featuring 'Humidity Control' and the 'Hotel Function'**

**AVE introduces important updates dedicated to its iconic chronothermostat with rotary knob and color display, available in connected IoT and wired AVEbus versions.**

Designed to combine aesthetics and functionality, the device now introduces advanced features for humidity management and optimizing hospitality environments, confirming itself as **an added value for managing thermoregulation within the Smart Home and the Intelligent Building.**

### **Comfort comes from humidity control**

Indoor well-being depends not only on temperature but also on air quality. **Maintaining correct humidity levels** is essential for health, building preservation, and energy efficiency.

AVE introduces **humidity management in the summer season**, available on both the connected IoT version (44xCRTxxx-W) and the AVEbus home automation version (44xABCRTxxx). Thanks to this new functionality, it is possible to:

- **monitor the relative humidity value** in the environment in real-time;
- **adjust and view the parameters**, directly from a smartphone or tablet;
- **set three intervention thresholds** to activate dehumidification systems and stop the thermal request.

The graphical interface ensures a **simple and intuitive user experience**, allowing for precise temperature adjustment and optimal humidity management.

### **New "Hotel Function": total control and flexibility**

To meet the growing demands of the hospitality sector (B&Bs, Hotels, and holiday homes), AVE has also implemented the **Hotel Function** on its chronothermostats. This mode allows the manager to limit the variation of the local set-point that can be made by the guest, ensuring optimal energy savings without sacrificing comfort:

- **Local limitation:** it is possible to restrict the local adjustment range from a minimum of  $\pm 1^{\circ}\text{C}$  to a maximum of  $\pm 5^{\circ}\text{C}$  compared to the set-point set.
- **Visual feedback:** both the application and the chronothermostat display graphically highlight the active limitation.
- **Simplified management:** locally, the guest can only switch the device on/off, adjust the temperature within the allowed range, and change the display; the manager, however, maintains total and free control via the app.

## Coordinated technology and design

The AVE chronothermostat continues to stand out for its installation versatility:

- the **connected version**, thanks to **Wi-Fi Mesh** technology, communicates directly with AVE's IoT devices, without the need for external gateways. An ideal solution for smart systems, simple to configure and manage;
- the **wired version**, designed for the **AVEbus** ecosystem, ensures advanced home automation control, perfect for professional settings, buildings, and large homes.

Both versions offer different finishes — in **aluminum** (natural or anthracite) and **technopolymer** (matt white Whitek, glossy Domus, and matt gray Tekla). Thanks to the new updates, AVE chronothermostats confirm themselves as an excellent solution, capable of combining **design and technology** to effectively meet modern living needs.

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