EURAPO

INTEGRATED
COMFORT
SYSTEMS

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KTREM
REMOTE ELECTRONIC THERMOSTAT FOR FAN COIL UNITS

KTREM is a microprocessor-based electronic thermostat that enables the remote management of a wide range of fan coil unit functions, meeting the most common installation requirements.

DESIGN

- **Finish**: glossy white
- **Backlighting**:
  - Backlit buttons for clear operation in all lighting conditions.
  - Backwall Lighting: rear wall backlighting.
- **Sound interface**: buzzers that can be activated for immediate feedback when touched.

FAN MOTOR AND OUTPUT MANAGEMENT

- **Types of motor**:
  - **Standard**: direct power supply for single-phase asynchronous motors with 3 speeds.
  - **EST (Energy Saving Tecnology)**: 0-10 Vdc proportional control for brushless motors.
- **Valve configuration**:
  - It supports up to 2 ON/OFF valves (230 V) or 2 proportional valves (0-10 Vdc).
- **Electric heating integration**:
  - Possibility to manage an electrical heater using the output dedicated to the hot valve (configurable).
  - Post-ventilation.

ADVANCED FUNCTIONS AND ENERGY SAVINGS

- **Summer/Winter switch**: manual or automatic (via air sensor or water sensor on board).
- **Ventilation**: thermostat-controlled, continuous or "Ventilation Only" mode.
- **Precision comfort**: setpoint adjustment in **0,5 °C** intervals.
- **Eco-Friendly**: dedicated digital input for **Economy** mode or **Window Contact** for energy consumption management.
- **Assisted maintenance**: option to set **Dirty Filter** warning to ensure maximum hygiene and performance at all times.

SAFETY AND INSTALLATION

- **Motor safety**: analogue input specifically for monitoring alarms on **brushless motors**.
- **System protection**: **Antifrost** function always active and safety **Key Lock** of the buttons.
- **Adjustable parameters**: technical parameters protected by **password** to prevent tampering after testing.

TECHNICAL SPECIFICATIONS

Power supply	230V 50/60Hz, 3VA
Analogue outputs	0-10Vdc (Valves / Brushless motor)
Digital outputs	230V - 2A, fan speed AC / ON/OFF valves
Analogue inputs	Water sensor (NTC 10kΩ) / Brushless motor alarm
Digital inputs	Window contact / Economy mode
Parameters	Editable with a password
Dimensions (mm)	122 x 82 x 58
Installation	Flush mounting with a 502/503 recessed box or wall mounting

Packaging certificato FSC
Certified FSC Packaging

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