

# Mixing control TT-MHCC

Suitable for:



TECHNICAL DATA	
Housing color	RAL 9003
Total sensor inputs	4
Temperature sensor	3
Remote adjuster	1
Relay connection 230 V	3
0-10 V or PWM output	1
Programmable operating times per day	3
ORDER NO.	1203000

Delivery scope in addition to the controller:

1x **outdoor sensor TA 52** (PT 1000) in weather-protected plastic housing

1x **pipe contact sensor TR/P4** (PT 1000), cable length 2 m incl. clamp 32-50 mm

1x **electromotive actuator 230 V**, 3-point control signal, cable length 1,5 m



The TT-MHCC weather-compensated mixer control with actuator offers an intelligent control of heating and cooling systems. It is versatile and ensures optimized temperature control based on the weather conditions.

- † **Outdoor weather-controlled:** The dynamic regulation continuously adjusts the temperature to external weather conditions.
- † **Full text menu:** Clearly understandable, context-sensitive help texts explain each setting value.
- † **Multilingual:** Various menu languages freely selectable.
- † **Setup Wizard:** Guides step by step through the commissioning.
- † **CAN bus:** Integration as an additional module for each mixed heating circuit or for connection to the building.
- † **Graphic display:** Displays animated visualizations, characteristic curves and energy statistics.
- † **Modular principle:** Enables flexible extensions through additional functions using free relays.
- † **Data logging:** Storage and evaluation of system data possible using a micro SD card (additional device required).
- † **0-10 V / PWM outputs:** For modulating burner control or speed control of high-efficiency or large pumps.

## ACCESSORIES FOR TT-MHCC: ROOM CONTROLLER TT-RC21



The **room controller TT-RC21** offers a user-friendly way of controlling the heating directly from the living areas. The operating mode can be selected between "**Continuous day**", "**Continuous night**" or "**Automatic**" using the sliding switch.

The heating circuit characteristic set on the controller can be shifted in parallel using the rotary control. The integrated temperature sensor automatically readjusts the heating characteristic as required depending on the room temperature.

ORDER NO.  
**1203003** Room controller TT-RC21