

Version history - Regio RCX/RUX/RTX

You find the software version history for the released RCX/RUX/RTX software below.

Version 2.1-1-03

August 31st, 2026

Bug fixes and improvements

- *TP#49484, TP#49643*: Improved CO2 control when RCX is in Heating mode.
- *TP#49170*: Changed behaviour for showing setpoints. RCX now always shows the setpoint of the current mode (Heating or Cooling) instead of the setpoint closest to the actual temperature, when there is a Heat demand in Cooling mode (or vice versa).

Version 2.1-1-01

April 13th, 2026

Custom menu

- *TP#35062, TP#35063*: A configurable, generic menu. Added a user interface that let you control "anything" with an external/separate controller. Including scrolling, when holding in Up/Down arrow.

Setting of display order

- *TP#33651*: Setting of display order for items activated in menu/display.

Inputs and Outputs

- *TP#37456*: Added Change over valve, On/Off as UO1/2 setting
- *TP#33614*: Changed to all output signals now are blocked when Fan is turned Off (**)
- *TP#33609*: Added possibility to define when the second sequence starts/stops with cascade between VAV and Valve output ()

Idle Mode

- *TP#33589*: Added the possibility to display Humidity and VOC in Idle mode, and not only Temp and CO2.

Bugs and improvements

- *TP#35007*: Correction so that sensors on Analogue Inputs do not show NaN if signal slightly exceeds 10 V.
- *TP#42655*: Added a new input type: Supply air temperature 0...10 V, for improved cascade control.
- *TP#41425*: Changed the way presence is detected by the PIR sensor so that motion needs to be detected three (3) times during the set time period (default is one (1) minute), instead of continuously during the set time period.
- *TP#40076*: Clarified description of Heating and Cooling outputs 0...10 V.
- *TP#40191, TP#46130, TP#46296*: Correction so that Humidity from external sensor/signal can be displayed properly including corrected menu.

- *TP#36230*: Corrected description of behaviour and setpoints in Standby state.
- *TP#37455*: Removed option for 6-way valve with PWM.
- *TP#33609*: Improved functionality by adding possibility to define when the second sequence starts/stops with cascade between VAV and Valve output.
- *TP#38128*: Correction of text UO1 on UO2 in Regin:GO.
- *TP#34779*: Correction: Regin:GO showed wrong value in Input/Output.
- *TP#45582*: Possibility to turn off writing to EEPROM when using RCX as I/O via another controller, or PLC.

Others

- Added possibility to set Bluetooth® transmission power for shorter or longer range.

Version 2.0-1-02

November 6th, 2025

Improved internal memory handling. Non-critical update.

Version 2.0-1-00

Same improvements and added functionality as in RCX 1.1-1-01

- RCX 2.0-0-00 includes all the improvements and the same new functionality as in RCX 1.1-0-01, see the corresponding section below.

Added cyber security measures

- Encryption of internal memory including improved memory handling.
- Secure update requiring signed firmware.

Custom texts on LED-matrix display

- Display scrolling, custom texts over communication

Physical changes to product

- Updated icon with On/Off Symbol added to menu button (print on front)
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Note! Available options depend on where you are in the UI, and the device selected.

Version 1.1-1-01

This is a firmware update for all delivered units to date. It is compatible with all RCX 1.x units and available via Regin:GO and Application tool 2.

New menu functionality (*TP#33610*)

- Change controller state/mode via menu button

- Define available states to select and also the name of each state, e.g. On, Off, Eco (shown in display)
- Change between Heating and Cooling in Change-over installations (TP#40718)
- Timer on *Extended Run* (previously called *Forced Ventilation*)

New Start-up screen showing product, model and FW-version

New CO2 Calibration

- Possibility to calibrate CO2 sensor, enable/disable auto-calibration, set baseline value for auto-calibration

Sensor compensation and offset (TP#37115)

- Add temperature compensation/offset on values from sensors

Bux fixes and improvements

- Ensure that manual heating function works when *Heating, on/off* is chosen (TP#33605)
- Ensure that *Change-over* is possible via BACnet (TP#33803)
- Correct Modbus variables that are mismatched between Application Tool 2 and document (TP#34857)
- Ensure that Fan Output controlled by humidity works for humidification, not only for de-humidification (TP#36157)
- Ensure that Bluetooth® can be activated with Menu button (if setup to do so) (TP#37919)
- Improve valve exercise for PWM and on/off motor (TP#37032)
- Correct IoAnaOut_x_value, should show % but shows %/100 (TP#34807)

Documentation updates and clarifications (TP#38453, 36230, 33821, 34071)

Physical changes to product

- Added serial number to the small product label (TP#38187)
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Version 1.0-1-05

Production-related improvements. Non-critical update.

Version 1.0-1-04

RCX resetting to default. Improved solution.

- Improved solution for issue in RCX 1.0-1-03. Non-critical update.
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Version 1.0-1-03

RCX resetting to default

- Bug fix, software update. Issue: RCX resetting to factory default. This can occur when the unit is restarted, typically after power is back after power loss. This issue is now fixed.
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Version 1.0-1-02

NO/NC settings revert to default after loss of power

- If the inputs UI1 and/or UI2 is used as digital input and NC is chosen during configuration of the unit, the unit will revert to NO (default) after a loss of power. This issue is now fixed. Non-critical update.
 - Improved solution for issue in RCX 1.0-1-03. Non-critical update.
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Version 1.0-1-01

Improved sensor readout

- In rare circumstances sensor readout could temporarily fail. This is now fixed. Non-critical update.
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