



## Regio Ardo and Eedo Revisions

This document contains the revision history of Regio Ardo/Eedo software versions from version 2.0-1-05

Version 2.0-1-05 Release date: 2023-01-31

Version is included and supported in application tool from ver 1.1-1-06

### New functions

#### #6400 External room temperature via 0-10V Sensor

Added functionality to handle external room temperature via 0-10V sensor. New settings available in application tool, Filter, Value at 0V and 10V for input.

#### #7593 Manual speed of EC Fan

In previous versions, EC Fan could not be set in manual mode, only 3 speed fans. In this version Speed 1, Speed 2, Speed 3 settings is calculated from Maximal fan speed settings by equal 1/3. For example if maximum speed is 90%, then speed1 is 30%

#### #6705 Alarm for low battery

Added function for battery low alarm, default C-Class alarm. Added in application tool, modbus and bacnet variable lists

#### #6705 Alarm for low battery

Added a missing functionality to set DO6 in manual mode, modbus register 503 is added for this.

#### #10019 Easier setup of BACnet UDP Port and Device Id

Application tool update, in previous versions you had to enter BACnet device id and UDP Port as 2 number low/high, now it is entered as one single number for each of them.

#### #16124 Fewer BACnet variables on ms/tp

A configuration is added to select between full BACnet objects on ms/tp or a shorter list. This was a request to improve performance on ms/tp networks.

#### #17463 Scalable analog 0-10V input for flow reading (Ardo/Eedo)

Added the possibility to scale an 0-10V input for flow reading, setting flow value for 0 and 10v.

### Bug fixes

#### #6705 DO6 in manual mode

Added a missing functionality to set DO6 in manual mode, modbus register 503 is added for this.

#### #7492 Error in Forced ventilation, VAV Sequence

Configuration: Control mode = Heating + Cooling, Forced ventilation sequence = VAV



The cooling output is set to 10V when the controller is in state Bypass and you have 1% cooling demand, (This works correct if i set control mode: "Heating + Cooling + VAV" then the VAV damper is forced to 10V and not the cooling valve). Error is corrected in this version.

**#10017, #10018 Setting BACnet Device id or UDP Port**

Setting of BACnet Device Id or UDP Port from Application tool did not work, causes a lost application needing reload of the entire application. Fixed in this version.

**#11110 ED-RUD display false alarm**

The alarm for display not connected was not functioning properly, a false alarm was indicated. Fixed in this version.

**#13273 Not able to set Fan Auto Mode from modbus**

Fixed a problem that modbus register HR 313 didn't return the Fan to Auto Mode. 4 should set to auto mode, erroneously it required a 5 in previous version.

**#15576 Electric heater still active I manual fan stop from room unit**

Fixed a problem that if the user sets the fan to off with the fan button, then DO1 remains activated and the electric heater is still activated.

**#15577 EXO Alarms not working correctly**

Fixed a problem that the alarms from Regio Ardo did not read out correctly, EXO displayed an error message "cannot get the name of the alarm".

**#15578 EXO Logging not working**

In previous versions the log was not correctly setup for logging to an EXO System to work, problem fixed in this version.

**#15253 Regio Ardo - Room units changes zones when power cycled**

Fixed a problem that caused the room unit configured as room 2 switch to room 1 when room 1 has power failure.

**#16893 Regio Eedo – Fake Alarm on external temp sensor in Application Tool**

**#16895 ED-RUD - Occupancy not showing with in Ardo**

Fixed a problem that Occupancy switch does not trigger the occupancy indicator in ED-RUD.

**#17506 Missing modbus variables**

Fixed a problem that some variables was missing in the modbus variables, Settings of AI1,DI1-DI6,CI,CI2,AO1,DO1.

**#8144 Fan Speed not possible to set to Auto from Application Tool**

Fixed a problem. After running fan in manual speed and then going back to auto, the fan stays in the speed you selected in manual mode.

**Manual updates**

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THE CHALLENGER



Various smaller errors in the manual was fixed, and new functions is updated and new functions added

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