



Kållerød 2024-09-24

## This document summarizes the software updates for RCFD from v 5 to v.7

You can easily check the software in the parameter menu on the display, parameter 55, see appendix B in the manual

### Update for RCFD230C, Ver 7

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1. TP35492
  - Bug: Setpoint not correctly calculated in 2-pipe mode
  - Fixed in version 7, Now works exactly as in 4 pipe mode, The calculated setpoint readout in register 30 is also fixed. Both 2 pipe and 4 pipe mode is also updated so that hysteresis is symmetrical to calculated setpoint. In earlier version it was setpoint + hysteresis for cooling and setpoint – hysteresis for heating instead of setpoint +/- hysteresis/2.

### Update for RCFD230C, Ver 6

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2. TP28356
  - Bug: Power cycle inits to Off and not Standby as written in manual.
  - Fixed in version 6, goes to standby after power cycle, if not presence detector is configured and active, then it goes to occupied. Manual updated for version 6 to describe this change.
3. TP30671
  - Improvement: Possibility to hide the fan symbol in the display
  - When configuring the unit for no fans, the fan symbol is hidden in the display. Manual updated describing how in chapter 2.4
4. TP30839
  - Bug: Setpoint read out from input register 29 did not include deadband (prev called hysteresis)
  - Added a new input register 30 with the correct function including deadband
  - Leaving register 29 as it is with a new description in manual
5. TP22329
  - Timeout for parameter menu is changed from 5 seconds to 15 seconds. Mainly to simplify the dialog with support and not having the menu timing out

### Update for RCFD230C, Ver 5

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1. TP22457

**Controller not acting with the correct deadband and hysteresis according to manual.**  
Corrected, and also changed the naming in manual (version 6 manual) so that what was called hysteresis is now more correctly called deadband, and the DeltaT is called hysteresis.

AB Regin  
Head office Sweden  
Tel: +46 (0)31- 720 02 00  
E-mail: info@regin.se  
www.regincontrols.com

Box 116  
428 22 Kållerød  
Visiting address:  
Bangårdsvägen 55  
428 36 Kållerød

  
THE CHALLENGER