OJ-Air AHC-3000-X Software 1.03

Software 1.03 is now released for up-grade by the free PC tool. In the production at OJ Electronics version 1.02 is still used until further notice.

Changes

Compared to version 1.02 there were following improvements:

Functionality

- Fan alarm input type (NO/NC/Tacho) are saved during power off
- Override timer on Supply air fan now runs out as expected
- AHU is automatically set into Service Stop if AHU size is changed, and speed set-points are recalculated
- Summer/winter digital input now blocks Start-up heat on Combi coil if summer. Summer (closed) allows cooling, Winter (open) allows heating

HMI-35T

- AHU Field Options: Check mark is set if 0-10V humidity sensor detected
- Cross/Counter flow heat exchanger: Measure button now active if PTH addr. 8 is installed for pressure de-icing
- Status texts are shown if Frost protection or Zero calibration is active
- Room info now shows %RH on Extract if fan control loop is set to humidity

BMS Modbus

- A and B alarm registers corrected
- Alarm numbers corrected

Alarms

- No changes

Software versions

- AHC-3000-X software 1.03
- AHC-3000-HMI-35T software 1.02

Affected articles

AHC-3000-T
AHC-3000-B
AHC-3000-S
AHC-3000-HMI-35T

OJ ELECTRONICS

Coming into force
Version 1.03 is released in week 26 2019

Features to be released in the summer 2019
- BasicBMS and Satellites
- VOC/CO_2 control loop without flow measurement
- Humidity control loop without flow measurement
- AHC-3000-S together with OJ-Air2-HMI-20T
- AHC-3000-S VOC/CO_2 and humidity control loops

Software Upgrade
The software files are available at OJ Electronics Customer log-in, and can be upgraded using PC-Tool vers. 1.0 or higher.

- AHC3000_MCUSW_103_00_0000.zip

OBS: In order to make a safe software update please follow this procedure:
1. Remove power plug from AHC-3000
2. Connect USB to RS485 cable to AHC-3000 HMI port
3. Power up AHC-3000
4. Update the AHC-3000 controller by the PC tool
5. Remove power plug from AHC-3000
6. Remove USB to RS485 cable from AHC-3000 HMI port
7. Power up AHC-3000
8. Wait until red flashing LED at the power plug starts flashing green
9. Hot plug the HMI to the AHC-3000 HMI port
10. Wait until the HMI stops flashing White/black
11. The HMI is now updated and the new version can be read out in the SW menu.

Contact
If further technical information is required please contact our support at: support@oj.dk.