



AHC-3000-X Software 1.00

Software 1.00 is now fully released for sale. Engineering samples can be upgraded by the free PC tool. The HMI is automatically updated to current software version by the AHC-3000 controller.

Changes

None.

Functionality

This is the first version released for sale.

Software versions

- AHC-3000-X software 1.00
- AHC-3000-HMI-35T software 1.00

Affected articles

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

Coming into force

Version 1.00 is released in week 44 2018.

Features to be released in start of 2019

- BasicBMS and Satellites
- Converting from l/s to m³/h or CFM

Features to be released in the spring 2019

- AHU type Mixing, Supply and Extract.
- AHC-3000-S together with OJ-Air2-HMI-20T
- Flow dependent filter pressure alarm (Filter dynamic)
- Counterflow pressure de-icing
- Tacho fan alarm
- Mixing damper.

Software Upgrade

Engineering samples be upgraded by the PC-tool to version 1.00 or returned to OJ Electronics.

The software file are available at OJ Electronics Customer log-in.

- AHC3000_MCUSW_100_00_0000.zip

OBS: In order to make a safe software update of the Engineering sample 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.

Selecting SI Units

Conversion between °C and °F is done automatically by the HMI.

If air volume units are changed, it will only effect the display of “m³/h”, “l/s” and “CFM”. In order to convert the numbers accordingly, the K-factor setting shall be multiplied by a corresponding value.

Please see the table below:

	..to l/s multiply by	..to CFM multiply by	..to m³/h multiply by
From m³/h..	0,277778	0,588578	1
From l/s..	1	2,11888	3,6
From CFM..	0,471947	1	1,699009

Please remember to multiply air volume setpoints and P-band by the same value.

Contact

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