

## OJ-Air AHC-3000-X Software 1.22

Software 1.22 is now released for up-grade by the free PC tool. It will not be introduced into the production at OJ Electronics since SW 1.30 is to be released within a few weeks.

### Changes

Compared to version 1.21 there were following improvements:

### Functional description

No changes.

The "Functional description AHC-3000 01" available at OJ Electronics customer log-in is still valid.

### Functionality

- NEW feature:  
Flow down is disabled if the Flow down setpoint is below 1.0°C in the AHC-3000-HMI-35T menu:  
TEMPERATURE – CONTROL LOOP – SUPPLY P-BAND.  
This will keep both fans running according to their setpoint without any reduction if the supply temperature drops due to excessive heat demand.

### HMI-35T

- Flow down setpoint value added range 0.0 to 0.9 °C.

### BMS Modbus

- No changes.

### Alarms

- No changes.

### OJ-Air2-HMI-20T

- No changes.

### Cloud

- No changes.

### Compatibility

No changes are required when upgrading from software version 1.21 to 1.22.

## Software versions

- AHC-3000-X software 1.22
- AHC-3000-HMI-35T software 1.20
- OJ-Air2-HMI-20T Software 2.03

## Affected articles

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

## Coming into force

Version 1.22 was released in week 47 2020

## Coming features to be released:

- Satellites 1<sup>st</sup> of December 2020.

## Software Upgrade

The files are available at OJ Electronics Customer Login:

<https://ojelectronics.com/support> and can be upgraded using PC-Tool vers. 1.2 or higher.

- AHC3000\_MCUSW\_122\_00\_0000.zip

**OBS:** In order to make a safe software update please follow below 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

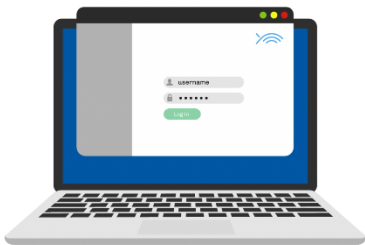
A sturdy USB to the RS485 converter is available from OJ Electronics.

Please order Part no.: OJ-USB2RS485-CONV.

## Contact

If further technical information is required, please contact our support dept.: [support@oj.dk](mailto:support@oj.dk).

<https://ojelectronics.com/support>



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