



Release of OJ-Air2 software version 4.19

OJ-Air2 software version 4.19 is released for up-grade with the SD-card. In the production at OJ Electronics the version 4.13 is still used, until further notice.

Changes

Compared to version 4.18 there were following improvements:

Functionality

- Support for up to 4 [GreenZone™ Zonemodules](#) in total. All existing types of Zonemodules can be connected directly to OJ-Air2Master Port A. A ZoneMaster is not needed. See installation details at [customer login](#) in section General HVAC documents.
- Room/Extract temperature set-points adjustable to +60°C
- Max. supply air temperature set-points adjustable to +70°C
- Summer and winter temperature set-points corrected.
- Heat exchanger now operates in case of modulating recirculation controlled by CO2. (Bug introduced in 4.18)

Web.

- 0_4_5 Zones added
- 2_6_0 Zone 1 added
- 2_6_1 Zone 2 added
- 2_6_2 Zone 3 added
- 2_6_3 Zone 4 added
- 2_6_3 Zone Setup added
- 3_0_1 Zones added in section Modbus port A parts.
- 2_0_0 Heat recovery efficiency sensor current temperature added.

OJ-Air2-HMI-35T

- Air volume above 30.000 is corrected. (last digit was missing)
- Settings – Fire: fan speed can now be set to 0% (It was possible to adjust it down to 1%)

Hand terminal

- Alarms from Zones added.

Alarms

- Alarm 303: Zone 1: No communication
- Alarm 304: Zone 2: No communication
- Alarm 305: Zone 3: No communication
- Alarm 306: Zone 4: No communication
- Alarm 307: Zone 1: At least one active alarm
- Alarm 308: Zone 2: At least one active alarm
- Alarm 309: Zone 3: At least one active alarm
- Alarm 310: Zone 4: At least one active alarm

Modbus registers

- Zones have been added.
Please see [Protocol](#) on OJ Electronics website.

BACnet

- Zones have been added.
Please see [Protocol](#) on OJ Electronics website.

Affected articles

OJ-Air2Master

Coming into force

Version 4.19 is released for up-grade with SD-Card in week 47 2017.

Compatibility

No changes are required when up-grading from version 4.18 to 4.19.

Updating with the SD card

The OJ-Air2Master has to be with software version 2.01 or higher.

Following files must be copied to the SD card:

- "air2_v419_update_jffs2.tar.gz"
- "version.crc" (1kB, 17-11-2017, 11:16)

The files are available at:

<http://www.ojelectronics.com/Support/Customer-Login.aspx>

Up till 8Gb HC SD cards can be used from version 2.19.

