



Release of OJ-Air2 software version 4.21

OJ-Air2 software version 4.21 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 4.19 there were following improvements:

Functionality

- Delayed fan start time corrected (Bug introduced in 4.19)
OBS: SW 4.19 shall not be used.
- Power measurements possible using Circutor CVM mini power analyzer. <http://circutor.com/en/products/measurement-and-control/fixd-power-analyzers/power-analyzers/cvm-mini-series-detail>
- OJ-Air2 portal works again (Bug introduced in 4.19)
- External Outdoor sensor checkmark corrected.

Web.

- WEB server now supports iPad and iOS browsers.
- 3_0_1, 2_0_0, 0_4_4: Modbus port A components: Circutor components added.
- Rotary Heat Exchanger
2_0_0 "Control type" is partly displayed correct.
This will be improved in a future version.

Controller	Control type displayed
RHX2M-1212	RHX2M-1212
RHX2M-1214	RHX2M-1214
RHX2M-1216	RHX2M-1216
DRHX 3P02	RHX2M-1214
DRHX 3P04	DRHX 3P02
DRHX 3P08	Undefined
DRHX 3P14	Undefined

3_1_0 "Motor max. speed" can be set up to 320 rpm.

2_0_0 "Operating time" is shown correctly in days if DRHX has sw version 2.01 or higher.

OJ-Air2-HMI-35T

- No changes

Hand terminal

- No changes

Alarms

- Alarm 311: Temperature sensor fault: Heat recovery sensor
- Alarm 312: CVM Mini Meter: Communication error
- Alarm 313: CVM Cool Mini Meter: Communication error

Modbus registers

- Parameters added for CVM power analyzer.
See [protocol](#) on OJ Electronics website.

BACnet

- Parameters added for CVM power analyzer.
See [protocol](#) on OJ Electronics website.
- Added: bi 274 Cooling relay 2
- Added: bi 275 Cooling relay 3
- Added: bi 276 Cooling relay 4
- Added: ai 226 Actual power (Kw) electrical battery 1
- Added: ai 227 Actual power (Kw) electrical battery 2
- Added: ai 228 Actual power (Kw) Supply fan
- Added: ai 229 Actual power (Kw) Extract fan

Affected articles

OJ-Air2Master

Coming into force

Version 4.21 is released for up-grade with SD-Card in week 51 2017.

Compatibility

No changes are required when up-grading from version 4.19 to 4.21.

Updating with the SD card

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

The following files must be copied to the SD card:

- "air2_v421_update_jffs2.tar.gz"
- "version.crc" (1kB, 19-12-2017, 10:55)



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.