Release of OJ-Air2 software version 4.22

OJ-Air2 software version 4.22 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 4.21 there were following improvements:

Functionality

- Rotary heat exchanger is now active in CO_2 modulated recirculation mode (Bug introduced in 4.18)

Web.

- No changes

OJ-Air2-HMI-35T

- No changes

Hand terminal

- No changes

Alarms

- No changes

Modbus registers

- Added: 1x0320 Cool_RE2 Cooling Relay 2
- Added: 1x0321 Cool_RE3 Cooling Relay 3
- Added: 1x0322 Cool_RE4 Cooling Relay 4

See protocol on OJ Electronics´ website.

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BACnet
- Added: bi 277 Alr_FireEvaDmp   Alarm smoke evacuation damper is activated
- Added: bi 278 Heat_RE2   Heating relay 2
- Added: bi 279 CombiTSenErr   Combi coil – Return sensor – Sensor fault
- Added : bi 280 CombiFrostAlrH Combi coil – Frost alarm
- Added: bi 282 CombiFrostReg   Combi coil – Frost protection active
- Added: bi 282 CombiPumpExer Combi coil pump exercising active
- Added: bi 283 CombiCoolRel   Combi coil, Cooling relay
- Added: bi 284 CombiHeatRel   Combi coil, Heating relay
- Added: ai 126 CombiBattTemp   Combi coil return temp.
- Added: av 275 CombiUpStPow   Combi coil – Start-up output setpoint
- Added: av 287 CombiPumpFunc   0=Constant, 1=Valve open%, 2=Outdoor
- Added: av 288 CombiPmpStTmpH   Start temp. for circulation pump Combi coil
- Added: av 289CombiPmpStPrc Valve % for start circulation pump Combi coil
  Added: av 290 CombFrzStopSet   Combi coil – Setpoint for frost protection in stop
- Added: av 291 CombFrzDrSetH   Combi coil – Setpoint for frost protection in Operation mode
- Added: av 292 CombiFrzPB   Combi coil – P-band for Frost protection control
- Added: ac 293 CombiFrzAlHSet Combi coil – Setpoint for frost protection temp. alarm

See protocol on OJ Electronics website.

Affected articles
OJ-Air2Master

Coming into force
Version 4.22 is released for up-grade with SD-Card in week 06 2018.

Compatibility
No changes are required when up-grading from version 4.21 to 4.22.

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_v422_update_jffs2.tar.gz"
- " version.crc" (1kB, 06-02-2018, 09:19)

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.