



Release of OJ-Air2 software version 4.10

OJ-Air2 software version 4.10 is released for up-grade with the SD-card. In the production at OJ Electronics the version 3.25 is still used until further notice.

Changes

Compared to version 4.02 there were following improvements:

Functionality

- *Support for OJ-Air2-HMI-20T*
- *Selection between Celcius and Fahrenheit degrees.*
- Cool output 0-10V is now always set to 0V when DX cooling is stopped.
- Start-up heating on Water heating coils improved. Now the start-up heat will also phase out if the actual values are below 50% of pressure/flow setpoints and fanspeed is above 95%
- Recovery relay is now activated in all rotary heat recovery configurations.
- Summer night cooling fan setpoints is default set to 20% of max. flow / 50 Pa / 20% fan speed.

Web

- 3_0_1, 3_1_0, 2_0_0, 2_0_1, 1_1_0, 0_4_4 HMI-20T added.
- 3_2_2 Selection between Celcius and Fahrenheit degrees.
- Celcius in general replaced by Fahrenheit if selected
- Languages: DK, UK, DE, SE, NO, FR, RU, NL, FI

Hand terminal

- Info text regarding “No support of Medium speed” is now shown correctly, and not replaced by “Week program “ text.
- Celcius in general replaced by Fahrenheit if selected.
- Languages: DK, UK, DE, SE, NO, FR, RU, NL, FI

OJ-Air2-HMI-35T

- Recirculation start/stop temperature corrected
- Current temperature value according to actual control loop setting.
- Celcius in general replaced by Fahrenheit if selected
- DE: “Lüftungsregelung – Konst. Motordrehzahl” text corrected.
- Counterflow exchanger is now hidden if rotary heat exchanger is installed.
- “Crossflow heat Exchanger protected against ice forming” text added.
- Languages: DK, UK, DE, SE, NO, FR, RU, NL, FI

Alarms

- Alarm 81 “Low cooling pressure circuit 1”
 - Alarm 82 “High Cooling pressure circuit 1”
 - Alarm 85 “Low cooling pressure circuit 2”
 - Alarm 86 “High Cooling pressure circuit 2”
- If any of these alarms are released, the DX compressors are now kept in stop and cooling output at 0V, until alarm is reset by user.

Modbus registers

- Celcius values in general replaced by Fahrenheit if selected

BACnet

- Celcius values in general replaced by Fahrenheit if selected
- Analog values updated according to last entry.

Affected articles

OJ-Air2Master

Coming into force

Version 4.10 is released for up-grade with SD-Card in week 03 2017.

Compatibility

No changes are required when up-grading from version 4.02 to 4.10.

OBS: Selection between Celcius/Fahrenheit will automatically convert setpoints and p-bands into the corresponding new values. Select always Fahrenheit first, before loading a factory file having setpoints in Fahrenheit. Select always Celcius first, before loading a factory file having setpoints in Celcius.

Updating with the SD card

The OJ-Air2Master has to be with software version 3.01 or higher. Following files must be copied to the SD card:

- "air2_v410_update_jffs2.tar.gz"
- " version.crc" (1kB, 16-01-2017, 12:05)

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.

OBS: After a software update old web pages might still be stored in your internet browser. Please delete Cache/Temporary internet files if the web pages looks strange.

