



OJ-Air2 Software version 6.52

OJ-Air2 software version 6.52 is released for up-grade with the SD-card. In the production at OJ Electronics version 6.11 is still used until further notice.

Changes

Compared to version 6.50 there were following improvements:

Functional description

No changes. Functional description OJ-Air2 01 is still valid. The new features will be added in OJ-Air2 02.

Functionality

New features:

- EL-heater operation without flow measurements.
- Fan control loop “Constant VOC/CO2” without flow measurements.

Improved features:

- Reduced airflow (Flow down) are no longer active in any Fan control loops during Heat pump de-icing. (UOE 010196)
- If heat pump is blocked due to low air flow then the heat demand now shifts to the next heating source. (UOE 010196)
- DX cooling alarms now shifts heat pump demand to the next heating source. (UOE 010196)
- Summer night cooling now supports multiple starts within the set time window if external outdoor and room temperatures are available from BMS. (UOE 10216)
- Pre-heater frost protection min. now -30°C

Web

- 4_0_2 “EI heating coil1 and 2, airflow OK” added.
- 4_0_2 “All EI heaters, airflow OK” added.
- 2_0_0, 0_4_4 “Heating coil, airflow monitor OK” added.

- 2_0_0 Heatpump “Low pressure cooling circuit1” added. (UOE 010196)

Cloud

- Alarm Time stamps corrected (UOE 7852)

OJ-Air2-HMI-35T

- HMI sw 1.47

Hand terminal

- No changes

Alarms

- No changes

Modbus registers

- No changes

BACnet

- No changes

Affected articles

OJ-Air2Master

Coming into force

Version 6.52 is released for up-grade with SD-Card in week 17 2022.

Compatibility

No changes are required when upgrading from version 6.50 to 6.52.

Updating with the SD card

The OJ-Air2Master has to be with software version 6.10 or higher. The following files must be copied to the SD card:

- “air2_v_2_08_update_rd.gz”
- ”air2_v4_19_107_0_update_kernel.gz”
- ”version.crc” (1kB, 29-04-2022, 13:16)
- ”air2_v652_update_jffs2.tar.gz”

OBS: If upgrading from lower versions than 6.10 another procedure is required. Please see Product information No. 728.

OBS: Please remember to delete temporary internet files from your web browser after the sw update. Otherwise you might be looking at old web pages from the old sw version.

OBS: This update requires four files on the SD-card, since the LINUX operation system will be updated to the latest version. Due to the large amount of data, this update has a duration of approximately 8 minutes.

WARNING: Do not power off the OJ-Air2Master during the update.



The files are available at OJ Electronics Customer Login:
<https://ojelectronics.com/support>

Up to 8Gb HC SD cards can be used from version 2.19. The SD-card shall have a MBR with msdos partition table, and the first primary partition in it shall be VFAT (or FAT32) file system.