

OJ-Air2 Software version 5.24

OJ-Air2 software version 5.24 is released for up-grade with the SD-card. In the production at OJ Electronics version 5.22 is still used, until further notice.

Changes

Compared to version 5.22 there were following improvements:

Functional description

No changes. Functional description OJ-Air2 01 is still valid.

Functionality

- Pre-heater frost protection setpoint min. value changed from +2°C to -30°C (UOE-9046)

Web

- No changes

Cloud

- No changes

OJ-Air2-HMI-35T

- No changes

Hand terminal

- No changes.

Alarms

- Cooling alarm delays changed back from 10s to 3s. (UOE-9166)
 - Alarm 80 "Cooling fault"
 - Alarm 81 "Low cooling pressure circuit 1"
 - Alarm 82 "High cooling pressure circuit 1"
 - Alarm 83 "Cooling fault 1: Compressor 1 overheated circuit 1"
 - Alarm 84 "Cooling fault 2: Compressor 2 overheated circuit 1"
 - Alarm 85 "Low cooling pressure circuit 2"
 - Alarm 86 "High cooling pressure circuit 2"
 - Alarm 87 "Cooling fault 3: Compressor 1 overheated circuit 2"
 - Alarm 88 "Cooling fault 4: Compressor 2 overheated circuit 2"
 - Alarm 90 "Pressure sensor fault: DX low pressure 1"
 - Alarm 91 "Pressure sensor fault: DX high pressure 1"
 - Alarm 92 "Pressure sensor fault: DX low pressure 2"
 - Alarm 93 "Pressure sensor fault: DX high pressure 2"

Modbus registers

- No changes

BACnet

- No changes

Affected articles

OJ-Air2Master.

Coming into force

Version 5.24 is released for up-grade with SD-Card in week 51 2020.

Compatibility

No changes are required when upgrading from version 5.22 to 5.24.

Updating with the SD card

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

- "air2_v207_update_rd.gz"
- "version.crc" (1kB, 14-12-2020, 09:31)
- "air2_v524_update_jffs2.tar.gz"

OBS: This update requires three files on the SD-card, since the memory allocation has to be re-arranged in the OJ-Air2Master to software 5.xx layout. Due to the large amount of data, this update has a duration of approximately 8 minutes, if the current software version is lower than 5.01. See details on next page.

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.

<https://ojelectronics.com/support>

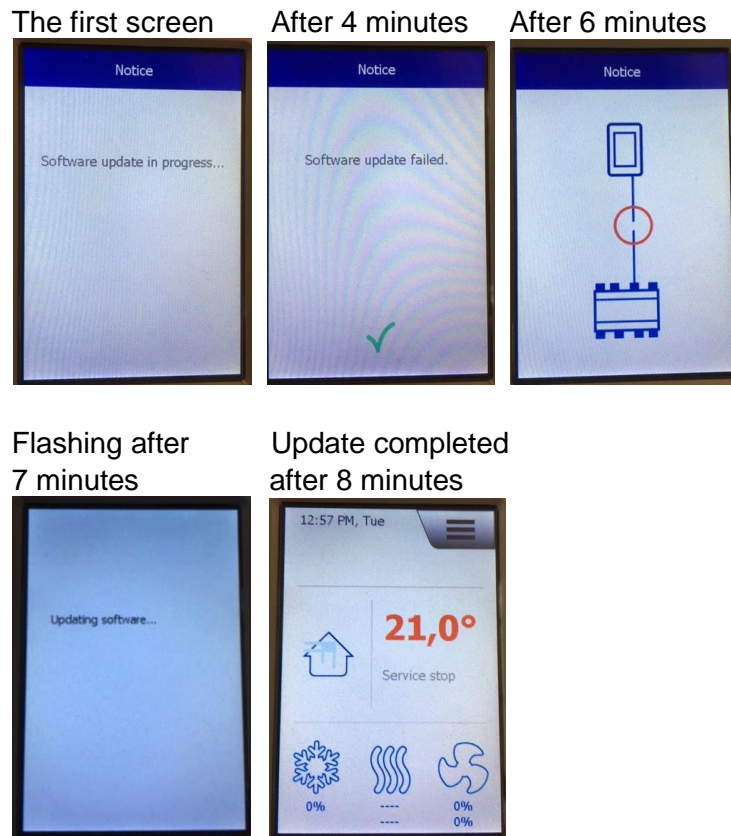


Software 5.0x update sequence if current software version is lower than 5.01:

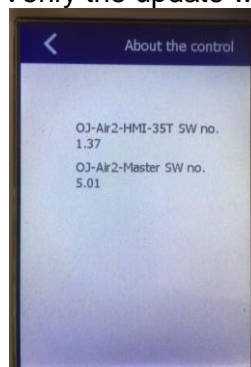
WARNING: Do not power off the OJ-Air2Master during the update sequence. It will damage the internal files and the OJ-Air2Master will need service at OJ Electronics factory.

1. Copy the **three** files to a SD card (Max. SD-card size is 8Gb)
2. Insert the SD card in the OJ-Air2Master
3. Wait approximately one minute until the new software is detected
4. Press update button in HMI
5. Wait 8 minutes until the update sequence has completed
DON'T touch anything, just let the process run.

The HMI will show these screens during the update



6. Verify the update was successful



OJ-Air2-HMI-35T SW 1.37 is OK
OJ-Air2-Master SW 5.24 is OK