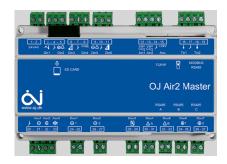
Product information No. 427A October 2017





http://www.bacnetinternational.net /btl/index.php?m=253

Release of OJ-Air2 software version 4.18

OJ-Air2 software version 4.18 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 4.13 there were following improvements:

Functionality

- Counterflow and Crossflow heatrecovery ice protection by pressure transmitter.
- Two filters added, now are up to 4 filters fully supported
- Dual pressuretransmitter PTH-6202-2 supported
- Gasheaters added
- Force recirculaton input added for Heatpump de-icing signal.
- Combi Coil can operate without return water temp. sensor.
- VOC/CO2 control loop improved, setpoint range expanded and 0-10V full-scale range editable.
- Heat recovery efficiency calculation according to standard using an additional temperature sensor.
- Rotary heat exchanger alarm type A/B selectable
- External outdoor sensor selectable On/Off.
- Summer night cooling using OJ-HMI-20T as room sensor.
- Modbus port A parts is now default set to OJ components
- OJ-DV 3x230V selection is now active.
- DX Min. cooling time always active for compressor 1.
- Heat recovery relay active also if Counterflow or Crossflow
- Dehumimification is now also possible using combination DX-cooling and Electric afterheater.
- Dehumidification is now also possible if only heat2 is installed (no heat recovery installed, no heat1 installed)

Web

- Webserver is opdated and now supports:
 - Internet Explorer 10 & 11 OBS: Compatability view shall not be used anymore.
 - o Edge (ver. 38 June 2017)
 - o Chrome (ver. 59 June 2017)
 - o Firefox (ver. 53 June 2017)
- The webserver don't support:
 - o Windows XP with Internet Explorer 8, use Chrome.
 - Windows Vista with Internet Explorer 9, use Chrome.
- 4_0_0 Crossflow heat exchanger pressure added.
- 3_0_0 Gasheaters added.
- 3_0_0 Supply Air filter and Extract Air filter 2 added
- 3_0_1 DRHX added.
- 3_0_1 PTH-6202-2 sensors added.
- 4_0_2 Digital input Forced recirculation added.



- 4_0_0 Temperature sensor *Heat recovery efficiency* added.
- 2_0_1 Rotary heat exchanger alarm A/B selection added.
- 1_0_0 VOC/CO2 Transmitter added.
- 1_1_0 Supply air temperature setpoint corrected

OJ-Air2-HMI-35T

• Screen saver displays current temperature.

Hand terminal

No changes.

Alarms

No changes.

Modbus registers

 Some Coil status and Input status registers has been added. Please see protocol on OJ Electronics website. http://www.ojelectronics.com/Business-Areas/HVAC-Controls-Power/OJ-Air2-for-Air-Handling-Units/OJ-Air2-Master-Module-PROD3.aspx

BACnet

The onboard BACnet server is certified and BTL listed.

Affected articles

OJ-Air2Master

Coming into force

Version 4.18 is released for up-grade with SD-Card in week 43 2017.

Compatibility

No changes are required when up-grading from version 4.13 to 4.18.

Updating with the SD card

The OJ-Air2Master has to be with software version 2.01 or higher. Following files must be copied to the SD card:

- "air2_v418 update jffs2.tar.gz"
- "version.crc" (1kB, 17-10-2017, 14:51)

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.



