

FIRMWARE REVISIONS

MA-VAV (90.0181.xx)



REVISION 1.20 – 2026-06-30

- Damper still open when flow setpoint goes to zero.

REVISION 1.19 – 2026-06-12

- Pressure sensor reading invalid after soft reset of MA-VAV.

REVISION 1.18 – 2026-06-10

- Wrong flow calculation using VAV in US units. To solve in older versions, use K-factor multiplied by 26.80.
- Updated TCP/IP stack for better performance.
- Differential pressure shown in webserver with 2 decimals, when used in US units mode.

REVISION 1.17 – 2026-05-22

- UNOCCUPIED mode was keeping flow setpoint in zero to disable operation.

REVISION 1.16 – 2026-03-23

- It is not possible to set ethernet mode to half-duplex.
- Improvement on ethernet driver in frame reception.

REVISION 1.15 – 2026-03-13

- Damper position is not available on Modbus table.
- It was not possible to write on K-factor (register 1500) by Modbus.

REVISION 1.14 – 2026-01-30

- BACnet MultiStateValues with value offset.
- Re-heating stage 1 not turning off below setpoint.
- Created “Oper mode set” BACnet point to remotely adjust mode (ON, OFF, AUTO). This value is non-volatile.

REVISION 1.13 – 2025-07-04

- Support for remote interface MA-TS (MDR-TOUCH).

REVISION 1.12 – 2024-11-22

- Internal: make AO2 calibration available on webserver for factory use.

REVISION 1.11 – 2024-11-19

- Loading configs in MConfig tool not working on recent MConfig versions (1.11+).

REVISION 1.10 – 2024-06-05

- VAV diagram on webserver inverted (left to right).
- Supply air temperature change name to Inlet air temperature to be more clear.
- BACnet write on AV/BV out-of-service return error but accept new value.

REVISION 1.09 – 2024-05-20

- Fan speed information does not appear on webserver if fan DO enable signal is not mapped for output.

REVISION 1.08 – 2024-05-16

- Use unit “inWC” for pressure in US unit system.
- Can change BACnet object names of physical points (AI, AO, BI, BO).
- Support for fan control (series or parallel).

REVISION 1.07 – 2023-07-24

- Hardware ID changed to 90.0181.02 to sync with new product ID.

REVISION 1.06 – 2023-07-24

- Webserver do not show proportional re-heating output (always zero).
- Remote display port with wrong settings.
- Error changing setpoints on webserver.
- HTTP 404 on some links on webserver.
- Setpoint limits settings are not available on webserver.

REVISION 1.05 – 2023-07-06

- First released version.