



Madoka Assistant App Update to version 1.13.0

April 2022

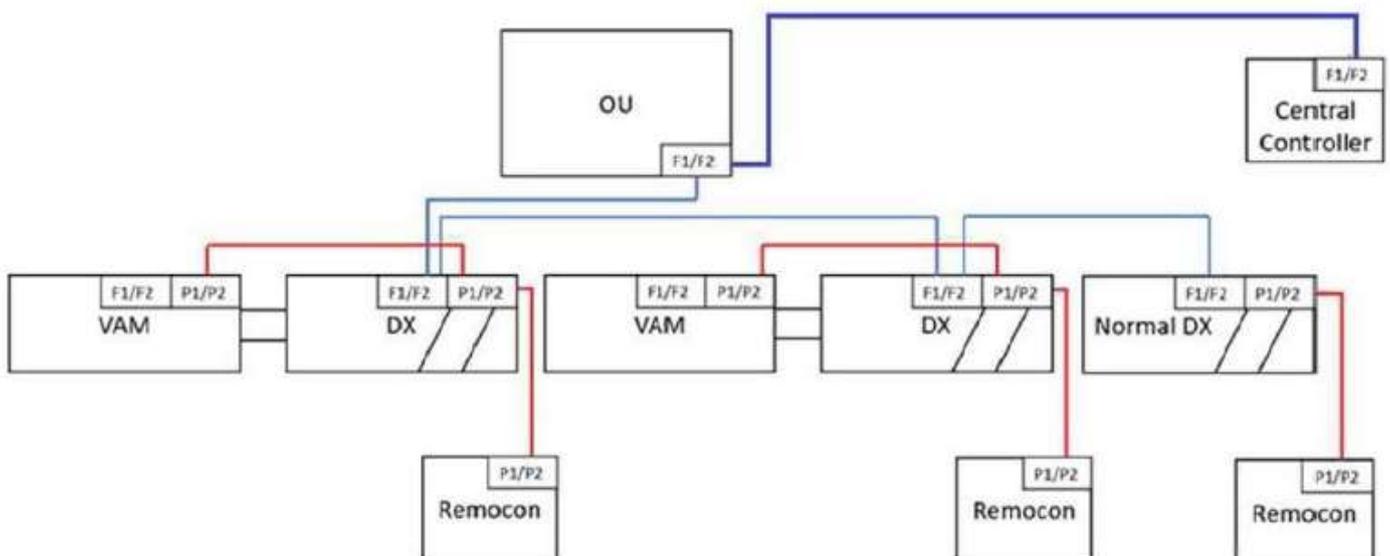
Released during April 2022, version 1.13.0 of the Madoka Assistant App brings a new firmware update for the Madoka remote controller, to increase unit compatibility, and an extra feature to the App to increase installer useability.

New features

1. Firmware update to introduce compatibility with upcoming EKVDX-A R32 DX coil for connection to VAM-J8.
2. Firmware update to permit visualization of Co2 concentration level when employed with VAM-J8 fitted with BRYMA Co2 sensor.
3. APP setting to force Madoka controller to flash the status LED when connecting.

1. Firmware update for EKVDX-A compatibility.

The existing BRC1H52* Madoka remote controller cannot control a VAM-DX module with a R32 DX coil attached, hence a firmware update to V1.06 will be required to enable communication between the VAM-J8 and the DX Unit (EKVDX-A).



N.B.

1. Madoka remote controller connected to VAM DX module must have firmware updated to V1.06.
2. Madoka remote controller connected to 'normal' DX fan coil unit does not require the update.
3. Every VAM-DX unit module requires it's own BRC1H remote controller. i.e. It is not possible to 'loop' P1/P2 from several VAM+EKVDXs or VAM+EKVDX & other indoor unit to 1 remote controller.

When connecting to the Madoka remote controller via the Madoka Assistant App, you will be prompted to upgrade the firmware to the latest version.

During unit commissioning, if the firmware update has not performed, the below errors will be indicated.

- UJ-35: No communication with VAM-J8 Unit.
- UJ-36: No correct setting.

Please refer to the EKVDX Installer & User reference Guide, for details.

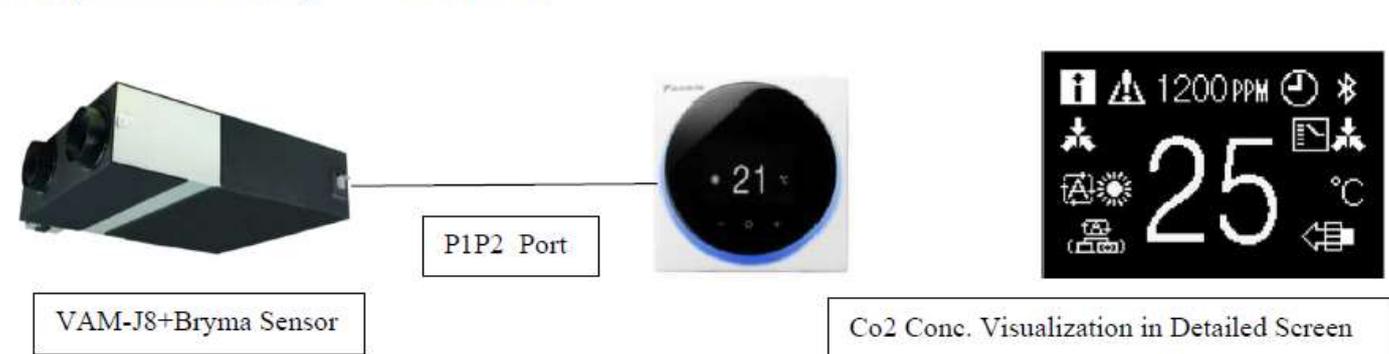
2. Firmware update for Co2 concentration visualization.

The existing BRC1H52* Madoka remote controller cannot display the Co2 concentration of VAM-J8 fitted with a BRYMA Co2 sensor, hence a firmware update to V1.06 will be required to permit visualization of the Co2 concentration.

Previously



Now, after Software Update Ver.01.08.00



Activating the visualization.

1. First the Madoka should be put into the detailed view mode. This can be achieved by setting R1 SW7 to 1 via remote controller installer menu or via the App when in installer mode.
2. Next the Co2 concentration indication needs to be enabled. This can be achieved by setting R2 SW7 to 1 via remote controller installer menu or via the App when in installer mode.

Group Control.

Group control of multiple VAMs is feasible however, it is important to understand how group control works.

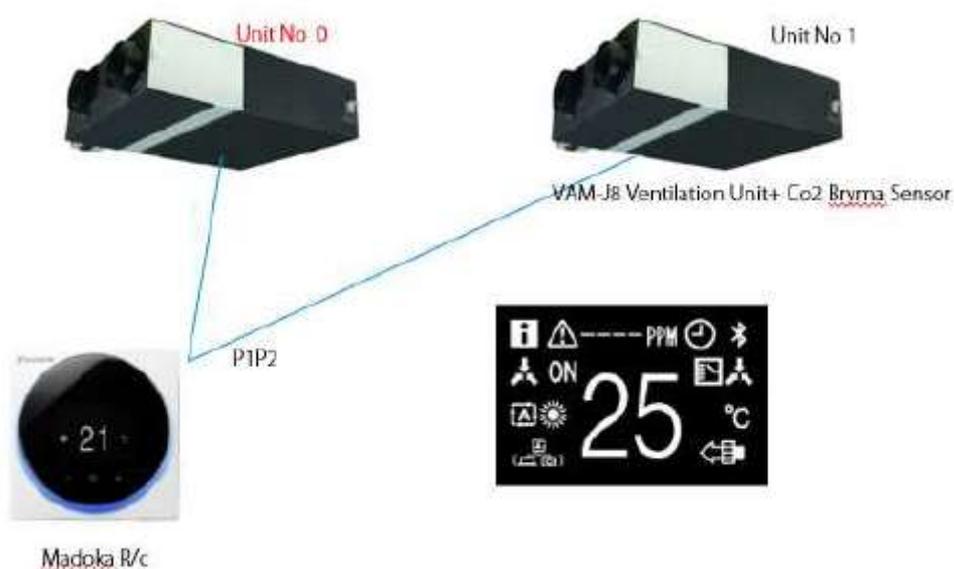
Situation 1: When VAM units are in group control with a Madoka which Ventilation unit Co2 concentration is visualized?

Answer: The Co2 concentration level of the unit with the lowest unit number is displayed.

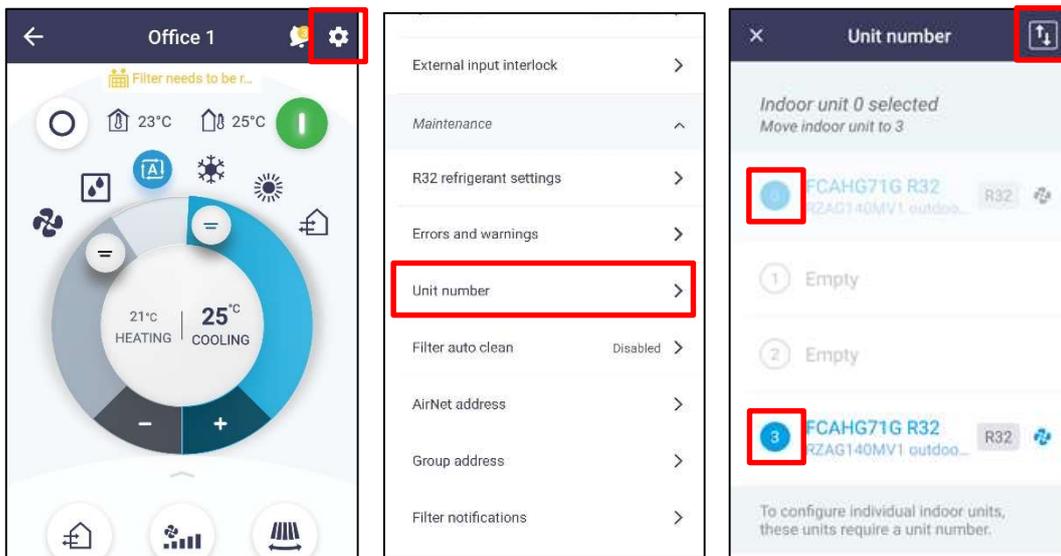


Situation 2: What to do when Co2 concentration is shown as a blank - as shown below?

Answer: It is possible that the lowest unit number does not have a BRYMA Sensor connected. To solve this change the unit number via Madoka Assistant.



How to change the unit number via the Madoka Assistant App.

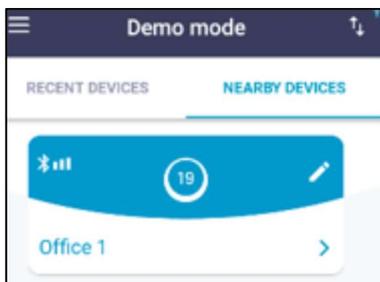
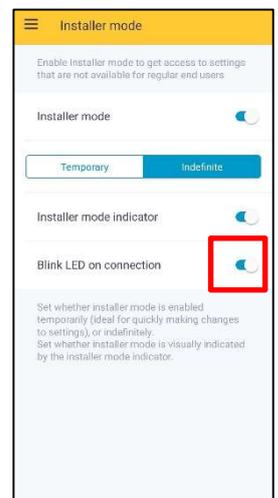


1. Having connected to the Madoka with the App, select the settings icon.
2. Scroll down and select 'Unit number' – found in the 'Maintenance' section.
3. Select the 2 units to swap address and then press the 'Swap' button in the top right of the screen.

3. Forcing of Madoka controller to flash the status LED when connecting to App.

It can often be difficult to identify which Madoka is which during commissioning. To improve the identification when multiple Madokas are located close to each other a visual identification has been added. The Daikin Eye will flash for 10-15 second when a connection is attempted with the Madoka Assistant App.

To enable this function, enter the Installer selection screen in the App. Via a slider you will be able to enable or disable this function.



When selecting the Madoka controller from the list presented within the App, the Blue status LED will flash.

For further assistance, please contact your sales engineer or regional sales office.

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