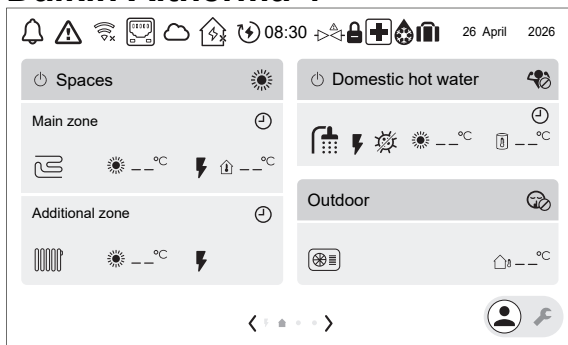




Software changelog MMI user interface

Daikin Altherma 4



v4.x.x

- General improvements.
- Translation improvements.

Settings updates

- Added new settings:
 - [1.44] **Minimum flow rate** for the main zone
 - [2.38] **Minimum flow rate** for the additional zone
 - [3.17] **Continuous pump when request**
 - [4.8] **Heat-up efficiency**
 - [5.25] **Fan sampling**
 - [5.28.7] **DHW Priority**
 - [5.33] **Defrost energy compensation**
- Updated existing settings:
 - Updated information for [5.6.1] **Capacity shortage activation**.
 - Updated SG ready mode setting under [9.14.1] **Operation mode**.
 - Improved explanation regarding temperature settings.
 - Updated the description of the home screen illustration.
 - Updated the range for target delta T in case of radiators.
 - Extended selection of reheat hysteresis linked to DHW efficiency mode setting: [4.12.1] **Comfort hysteresis**, [4.12.2] **Eco hysteresis**, and [4.12.3] **Very eco hysteresis**.
 - Updated LWT shift schedule. If no time block is programmed, the unit operates according to the original weather-dependent curve.
 - Added holiday mode information to the operation manual.
 - Adapted the schedule override state. Any active override remains in effect until the end of the current or the start of the next scheduled block, and it automatically resets at the start of each new day.
 - Added details regarding setpoint shift linked to defrost cutout.
 - Added notice for preferential kWh rate power supply in combination with emergency acknowledgement when there is an outdoor unit error.
 - Updated information regarding emergency acknowledgement in maintenance mode.
 - Updated information regarding balancing timers related to [5.28.3] **Max. space heating timer** and [5.28.5] **Max. DHW timer**.
- Moved settings to a new location:
 - Added more details to the **Hydraulically decoupled** setting and moved it from [3.13.1] to [3.10].
 - Added more details to the **Refrigerant recovery mode** setting and moved it under [7] **Maintenance mode**.

Application guidelines updates

- Added information regarding installation of non-return valves in the DHW pump for instant hot water set-up.
- Added information regarding the usage of low-resistance non-return valves.
- Added pump speed settings.

- Added a new field IO option: decoupled bypass valve.

Preparation of the installation site updates

- Updated information about gas sensor sensitivity.

Modbus related updates

- Updated the Modbus table.

Minimum flow and minimum volume related updates

- Added mechanical bypass valve adjustment to meet the minimum flow requirements.
- Added information regarding recommended minimum volume in the "To check the water volume and flow rate" chapter.
- Updated minimum flow requirements and maximum piping length.
- Improved minimum volume illustrations.
- Only applicable for ECH₂O units in combination with fast closing valves. Added information regarding minimum flow requirement based on the closing time of electrical driven valves to close the emitter circuit.

If fast-closing valves (electrical driven valves) can completely shut off the emitter circuit, the minimum flow rate during cooling operation may not be maintained. In that case, if the valve closing time is less than 30 seconds, at least one emitter loop MUST be open with a minimum flow rate of 5 l/min; if the valve closing time is less than 5 seconds, at least one emitter loop MUST be open with a minimum flow rate of 6.5 l/min.

Reworked the "To check the minimum flow rate" chapter.

- Reworked the "To check the water volume: Examples" chapter.

Wiring diagrams updates

- Added new wiring diagrams with included decoupled bypass valve.
- General improvements of wiring diagrams.
- Corrected the maximum running current for normal and preferential kWh rate power supply.

SG ready compatibility update

- Updated information regarding SG ready 1.1 compatibility. SG ready 1.1 is NOT supported yet for software versions < v4.x.x.

Troubleshooting related updates

- Added microbore installation requirements to the "Symptom: The system is making gurgling noises after commissioning" chapter.

User reference guide update

- Updated the procedure described in the "To determine which temperature control you are using" chapter.

Outdoor unit changes

- Updated installation requirements for wind cover.
- Added new wind cover options.
- Added foundation and drainage information.
- Made distinction between EPSK06~14A* and EPSKS04~07A* clearer in illustrations.

Solar input updates

- Added extra information regarding solar input for EKHWP tank type.

Remote services feature via Daikin Cloud Service – Residential updates

- Extended field settings.
- Enabled remote monitoring service.
- Added the possibility to remotely update the user interface software.

Error codes updates

- Added new error codes:
 - A0-26: Outdoor unit gas sensor detection
 - C0-19: Indoor gas sensor malfunction/disconnection
 - C0-20: Indoor gas sensor malfunction/disconnection
 - E3-26: Low differential pressure warning during defrost
 - E3-27: Low differential pressure error during defrost
 - H0-06: Outdoor gas sensor malfunction warning
 - H0-07: Outdoor gas sensor disconnection warning
 - HC-10: Lower tank thermistor abnormality
- Updated error codes:
 - Updated the effect text for error 8H-10 Overheating mixed water safety thermostat (mixing kit).
 - Updated reset condition for error C0-15 Indoor gas sensor is disconnected.

Field settings table updates

- Added new settings:
 - [1.44]
 - [2.38]
 - [3.17]
 - [4.12.1]
 - [4.12.2]
 - [4.12.3]
 - [4.8]
 - [5.25]
 - [5.28.7]
 - [5.33]
 - [10.17]
- Updated the user access level for settings:
 - [1.14]
 - [1.18]
 - [2.14]
 - [2.17]
 - [5.21.2]
 - [5.21.3]

- Updated the user interface location:
 - [008] from [3.13.1] to [3.10]
- Updated setting descriptions for settings:
 - [3.13.2]
 - [3.13.3]
 - [4.1]
 - [4.19]
 - [5.6.1]
 - [5.21.5]
 - [5.28.5]
 - [9.14.1]
 - [13.1]~[13.6]

