Daikin Configurator v2.x.x

1. Introduction

The Daikin Configurator software is intended to be used in combination with the **EKPCCAB*** USB cable.

Information: The latest available Daikin Configurator software can be downloaded from the website:
http://www.daikineurope.com/support-and-manuals/software-downloads/

2. Features

2.1. General information

The Daikin Configurator can configure following appliances:

- The Daikin Altherma low temperature split units
- the VRV IV outdoor units.

2.2. Features without connection to the unit (offline)

- Depending on an appliance selection, settings files can be created.
- For each setting a help text description is available. The description is available in different languages:

1. English	11. Čeština	21. Български
2. Deutsch	12. Ελληνικά	22. Slovenčina
3. Français	13. Русский	
4. Nederlands	14. Dansk	
5. Español	15. Suomi	
6. Italiano	16. Hrvatski	
7. Português	17. Magyar	
8. Türkçe	18. Polski	
9. Svenska	19. Română	
10. Norsk	20. Slovenščina	

- The settings can be exported to a csv-file (csv = comma separated values). A csv file can be opened in excel.

2.3. Features when connected to the unit

- Auto-detect of unit type is possible.
- Upload: it is possible to modify settings and user interface languages (availability depending on unit type).
- Download: it is possible to download the settings from the unit and consult all settings on the PC screen. These settings include editable and read-only settings. Once the settings are downloaded it is possible to copy the editable settings to another same unit type.

3. Minimum PC requirements

- Windows XP (SP2), Windows Vista (SP2) or Windows 7
- Microsoft .NET FrameWork 2.0
- Pentium III 400 MHz or faster
- Free USB 2.0 port, capable of supplying 50 mA current
- Minimum display resolution 1024×768

4. Summary of features of the different units:

4.1 For Daikin Altherma low temperature split units

A. Models

- EHV(X/H)*CA*
- EHB(X/H)*CA*

B. Daikin Configurator functions

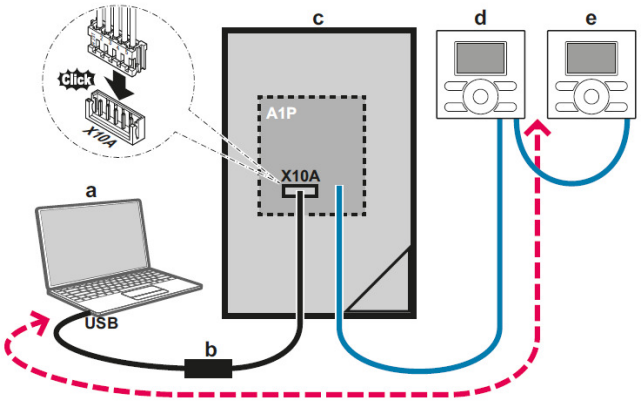
- Available settings:

Menu	Menu settings implemented	Details
Home screen settings (e.g., desired temperature, ...)	No	
"1. Set time/date" menu	Yes	Not implemented: Date and Time settings. Implemented: Daylight saving time and clock type.
"2. Holiday" menu	No	
"3. Quiet mode" setting	Yes	
"4. Operation mode" setting	No	
"5. Select schedules" menu	Yes	
"6. Information" menu	No	Except: Contact/Helpdesk number setting.
"7. User settings" menu	Yes	Including schedule timers, ...
"A. Installer settings" menu	Yes	• All settings are implemented except: - A.2.1.B User interface location: Not implemented. - A.7 Commissioning menu: All submenus not implemented. Only: A.7.2 Set dryout schedule settings implemented. - A.8 Overview settings menu: All settings implemented. Only [A-xx] and [B-xx] outdoor codes not implemented. • Quick Wizard startup screen can be disabled/enabled.

- Changing the language on the user interface.
  These languages are provided with the Daikin Configurator software.

	Language	Filename		Language	Filename
1	English	fw_wording_English_v1.00.bin	12	Ελληνικά	fw_wording_Greek_v1.00.bin
2	Deutsch	fw_wording_German_v1.00.bin	13	Русский	fw_wording_Russian_v1.00.bin
3	Français	fw_wording_French_v1.00.bin	14	Dansk	fw_wording_Danish_v1.00.bin
4	Nederlands	fw_wording_Dutch_v1.00.bin	15	Suomi	fw_wording_Finnish_v1.00.bin
5	Español	fw_wording_Spanish_v1.00.bin	16	Hrvatski	fw_wording_Croatian_v1.00.bin
6	Italiano	fw_wording_Italian_v1.00.bin	17	Magyar	fw_wording_Hungarian_v1.00.bin
7	Português	fw_wording_Portuguese_v1.00.bin	18	Polski	fw_wording_Polish_v1.00.bin
8	Türkçe	fw_wording_Turkish_v1.00.bin	19	Română	fw_wording_Romanian_v1.00.bin
9	Svenska	fw_wording_Swedish_v1.00.bin	20	Slovenščina	fw_wording_Slovenian_v1.00.bin
10	Norsk	fw_wording_Norwegian_v1.00.bin	21	Български	fw_wording_Bulgarian_v1.00.bin
11	Čeština	fw_wording_Czech_v1.00.bin	22	Slovenčina	fw_wording_Slovak_v1.00.bin

C. Connecting the Daikin Configurator to the Daikin Altherma low temperature split unit



a PC
b Cable (EKPCCAB*)
c Indoor unit
d Unit interface 1
e Unit interface 2 (optional)

4.2 for VRV IV outdoor units

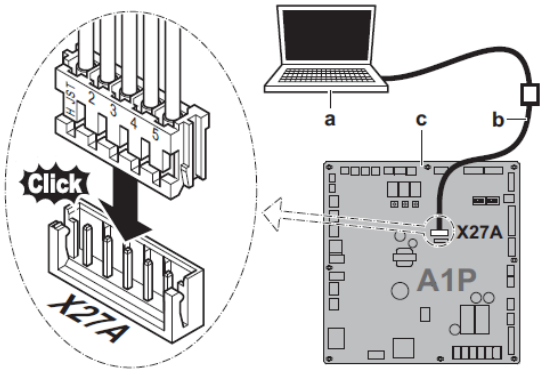
A. Models

- RYYQ*T*
- RYMQ*T*
- RXYQ*T*

B. Daikin Configurator functions

- Available settings: The main settings that are used during commissioning of mode 1 (Read only) and mode 2 (Read/Write), are implemented. (see App A)

C. Connecting the Daikin Configurator to the VRV IV outdoor units



a PC
b Cable (EKPCCAB*)
c Outdoor Unit

5. History

5.1 Configurator v1.x.x

Configurator v1.0.0.5	Appliance: Daikin Altherma low temperature split units • Feature: changing the language

5.2 Configurator v2.x.x

Configurator v2.0.0	Appliance: VRV IV outdoor units • Feature: configuration of the settings
Configurator v2.1.0	Same features as previous version. Added : Appliance: Daikin Altherma low temperature split units • Feature: changing the language • Feature: configuration of the settings
Configurator v2.1.1	Same features as previous version. Added latest compatible unit software releases to configurator database. (VRV IV outdoor units: ID3028) (Daikin Altherma low temperature split units (CA): ID3866)

VRV IV outdoor available settings (Daikin Configurator v2.x.x)

Field code	Setting	Help text	R/W R/O	Default Value
Mode 1				
[1-0]	[1-0] Master/Slave1/Slave2	Shows whether the unit you check is a master, slave 1 or slave 2 unit	R/O	
[1-10]	[1-10] # total connected indoor units	Shows the total number of connected indoor units	R/O	
[1-13]	[1-13] # total connected outdoor units	Shows the total number of connected outdoor units	R/O	
[1-17]	[1-17] Contents of malfunction (latest)	Shows the latest malfunction code	R/O	
[1-18]	[1-18] Contents of malfunction (1 before)	Shows the 2nd last malfunction code	R/O	
[1-19]	[1-19] Contents of malfunction (2 before)	Shows the 3rd last malfunction code	R/O	
[1-20]	[1-20] Software number (based on Micon ID)	Software number (based on the Micon ID)	R/O	
[1-21]	[1-21] HP code	Capacity code of the unit	R/O	
[1-22]	[1-22] Software version	Software version	R/O	
[1-23]	[1-23] Contents of retry (latest)	Latest system retry	R/O	
[1-24]	[1-24] Contents of retry (1 before)	Previous system retry (1)	R/O	
[1-25]	[1-25] Contents of retry (2 before)	Previous system retry (2)	R/O	
[1-29]	[1-29] The leak detection refrigerant amount history (latest)	Shows the estimated leaked refrigerant amount (kg) based on the latest leak detection operation	R/O	[kg]
[1-30]	[1-30] The leak detection refrigerant amount history (1 before)	Shows the estimated leaked refrigerant amount (kg) based on the 2nd last leak detection operation	R/O	[kg]
[1-31]	[1-31] The leak detection refrigerant amount history (2 before)	Shows the estimated leaked refrigerant amount (kg) based on the 3rd last leak detection operation	R/O	[kg]
[1-34]	[1-34] Days remaining till the next automatic leak detection operation	Shows the remaining days till the next automatic leak	R/O	[days]
[1-35]	[1-35] Result of the last leak detection operation	Shows the result of the latest automatic leak detection	R/O	
[1-36]	[1-36] Result of the last leak detection operation (1 before)	Shows the result of the 2nd last automatic leak detection operation	R/O	
[1-37]	[1-37] Result of the last leak detection operation (2 before)	Shows the result of the 3rd last automatic leak detection operation	R/O	
[1-38]	[1-38] Number of connected RA DX indoor units	Shows the number of RA DX indoor units connected to the system	R/O	
[1-39]	[1-39] Number of connected hydrobox indoor units	Shows the number of hydroboxes indoor units connected to the system	R/O	
Mode 2				
[2-0]	[2-0] Cool / Heat selector setting	Cool/Heat selection setting	R/W	0: Individual
[2-1]	[2-1] Cool/Heat unified address	Cool / Heat selector unified address	R/W	0
[2-2]	[2-2] Low noise / demand address	Low noise demand / address	R/W	0
[2-8]	[2-8] Te target setting	Te target temperature during cooling operation	R/W	0 : Automatic
[2-9]	[2-9] Tc target setting	Tc target temperature during heating operation	R/W	0 : Automatic
[2-12]	[2-12] Low noise / demand setting	Low noise / demand activation setting (under external control adaptor functionality)	R/W	0 : OFF
[2-13]	[2-13] Airnet address	Airnet address	R/W	0
[2-14]	[2-14] Charged refrigerant amount	Input additional refrigerant amount that was charged (required for automatic leak detection operation)	R/W	0 : OFF
[2-18]	[2-18] High ESP setting FAN	Fan high static pressure setting	R/W	0 : OFF
[2-22]	[2-22] Low noise setting at night time	Automatic low noise setting and level during night time	R/W	0 : OFF
[2-25]	[2-25] Low noise setting (level)	Low noise operation level via the external control	R/W	2 : Level 2
[2-26]	[2-26] Start time low noise	Start time low noise operation	R/W	2: 22:00
[2-27]	[2-27] End time low noise	Stop time low noise operation	R/W	3: 08:00
[2-29]	[2-29] Capacity priority setting (over low noise)	Capacity priority setting over low noise (activation)	R/W	0 : OFF
[2-30]	[2-30] Level demand 1	Power consumption limitation level (step1) via the external control adaptor	R/W	3 : 70%
[2-31]	[2-31] Level demand 2	Power consumption limitation level (step 2) via the external control adaptor	R/W	1 : 40%
[2-32]	[2-32] Force demand set (no external PCB required)	Continous demand operation activation	R/W	0 : OFF
[2-81]	[2-81] Cooling comfort setting	Cooling comfort setting	R/W	1 : Mild
[2-82]	[2-82] Heating comfort setting	Heating comfort setting	R/W	1 : Mild
[2-83]	[2-83] Master user interface setting	Master user interface allocation in case VRV DX indoor units and RA DX indoor units are used at the same time	R/W	1 : RA DX right for master
[2-85]	[2-85] Interval timer for automatic leak detection function execution	Automatic leak detection interval timer	R/W	0 : 365 days
[2-86]	[2-86] Automatic leak detection activation	Automatic leak detection activation	R/W	0 : OFF
[2-88]	[2-88] Gathering detailed refrigerant information during test run.	Gathering detailed refrigerant information during test run.	R/W	0 : Active