



Installer reference guide

Onecta App adapter

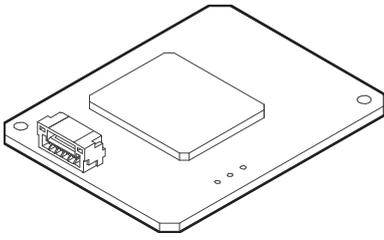


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1 About this document

Target audience

Authorised installers

Documentation set

This document is part of a documentation set. The complete set consists of:

- **General safety precautions:**

- Safety instructions that you must read before installing
- Format: Paper (in the box of the indoor unit)

- **Installation manual:**

- Installation instructions
- Format: Paper (supplied in the kit)

- **Installer reference guide:**

- Installation instructions, configuration, application guidelines, ...
- Format: Digital files on <https://www.daikin.eu>. Use the search function 🔍 to find your model.

- **Declaration of conformity:**



INFORMATION

For details on specifications, setting methods, FAQ, troubleshooting tips and the latest version of this manual, visit app.daikineurope.com.



Latest revisions of the supplied documentation may be available on the regional Daikin website or via your dealer.

The original documentation is written in English. All other languages are translations.

2 Specific installer safety instructions

Always observe the following safety instructions and regulations.

Installation (see "5 Installation" [▶ 8])



DANGER: RISK OF ELECTROCUTION

- Turn off the power supply before installing the adapter.
- Do NOT handle the adapter with wet hands.
- Do NOT let the adapter get wet.
- Do NOT disassemble, modify or repair the adapter.
- Grip the connector when disconnecting the connection cable.
- Turn OFF the power supply in case the adapter gets damaged.



DANGER: RISK OF ELECTROCUTION

Do NOT turn on the power supply before you have connected the electrical wiring, closed the adapter, and mounted it to the indoor unit.



DANGER: RISK OF ELECTROCUTION

Before opening the adapter, turn OFF the power to the indoor unit.

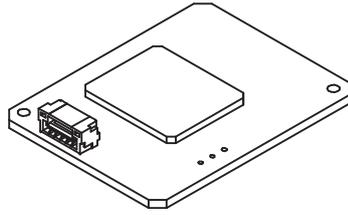
Hand over to the user (see "7 Hand-over to the user" [▶ 15])



DANGER

- Do NOT disassemble, modify, or repair the adapter. This can cause fire, electrical shock, or injury.
- Do NOT allow the adapter to get wet or use it when bathing or doing similar activities with water. This can cause electrical shock or fire.
- Do NOT use the adapter near medical equipment, or persons using cardiac pacemakers or defibrillators. This can cause life-threatening electromagnetic interference.
- Do NOT use the adapter near auto-control equipment such as automatic doors or fire alarm equipment. This can cause accidents due to erroneous equipment behaviour.
- In case of abnormal odour or sound, overheating, or smoke coming out of the adapter, immediately disconnect the indoor unit from its power supply. Otherwise, this can lead to fire or malfunction. If this happens, consult your dealer.
- In case you drop or damage the adapter, disconnect the indoor unit from its power supply. Otherwise, this can lead to fire or malfunction. If this happens, consult your dealer.

3 About the adapter



3.1 Basic parameters

Parameter	Value
Radio type	Transceiver
Frequency of operation	2412 MHz~2472 MHz
Modulation	DSSS , OFDM
Bandwidth & channel spacing	20 MHz & 5 MHz
Antenna type	Inverted F antenna
Antenna gain	1.6 dBi
Clock frequency (maximum)	40 MHz
Operating temperature	-10 deg. C ~ +60 deg. C
Receiver category	Category 1

3.2 Compatibility

Make sure the indoor unit is compatible for use with the adapter. For the latest details about installation of the adapter and applicable units, visit app.daikineurope.com.

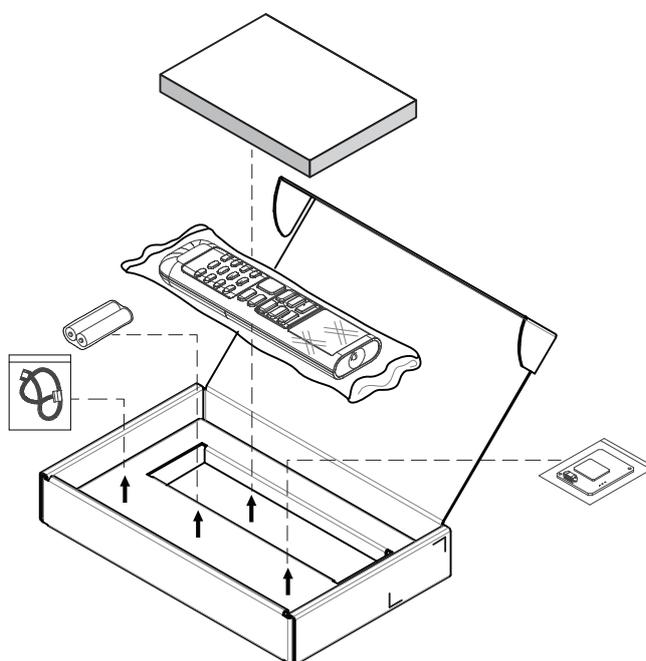
4 About the box

Keep the following in mind:

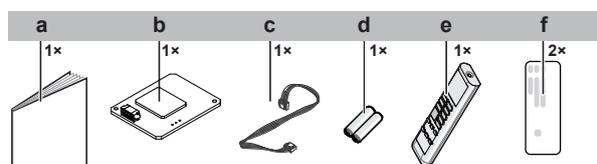
- At delivery, the unit **MUST** be checked for damage and completeness. Any damage or missing parts **MUST** be reported immediately to the claims agent of the carrier.
- Bring the packed unit as close as possible to its final installation position to prevent damage during transport.
- Prepare in advance the path along which you want to bring the unit to its final installation position.

4.1 To unpack the adapter

- 1 Open the box.



- 2 Separate the accessories.



- a** Installation manual
- b** ONECTA APP adapter
- c** Connection cable
- d** Dry battery AAA.LR03 (alkaline) for user interface
- e** Wireless remote control (user interface)
- f** Serial number sticker (SSID , KEY)

5 Installation

5.1 Precautions when installing the adapter



DANGER: RISK OF ELECTROCUTION

- Turn off the power supply before installing the adapter.
- Do NOT handle the adapter with wet hands.
- Do NOT let the adapter get wet.
- Do NOT disassemble, modify or repair the adapter.
- Grip the connector when disconnecting the connection cable.
- Turn OFF the power supply in case the adapter gets damaged.

5.2 Preparing the installation site

Choose an installation location with sufficient space to transport the unit in and out of the site.

Do NOT install the unit in places often used as work place. In case of construction works (e.g. grinding works) where a lot of dust is created, the unit MUST be covered.

5.2.1 Installation site requirements

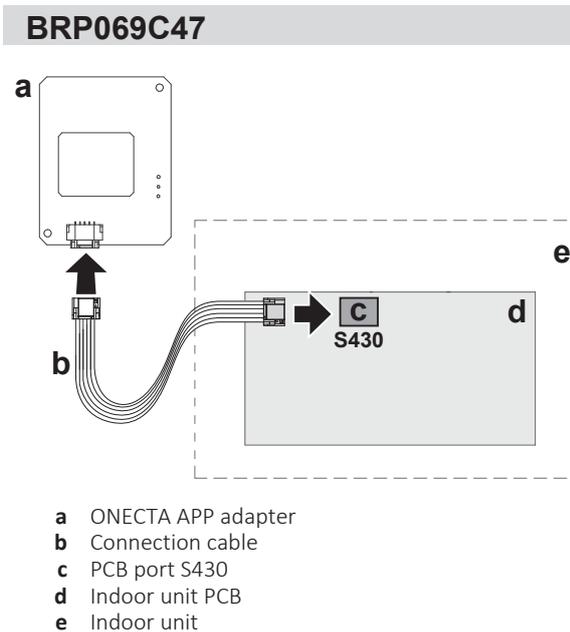
The adapter is designed to be mounted to the indoor unit, in dry, indoor locations only.

Do NOT install the adapter in the following places:

- In places where it is exposed to direct sunlight.
- In places where it is near a heat source.
- In places where it is exposed to a source of steam.
- In places where it is exposed to machine oil vapour.

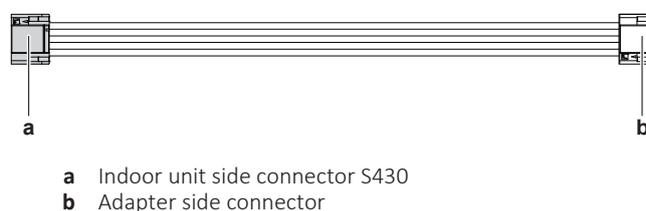
5.3 Connecting the electrical wiring

5.3.1 Overview of electrical connections



5.3.2 To connect the adapter with the unit

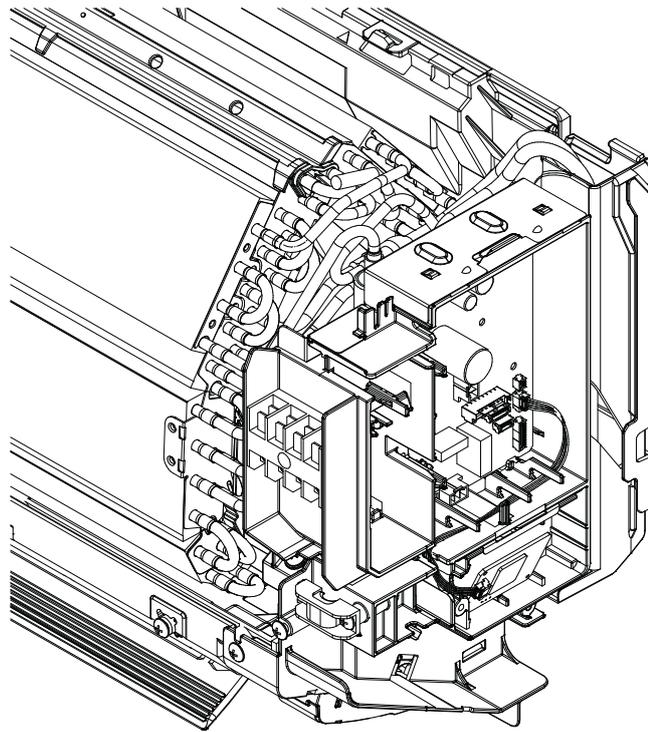
- 1** Connect the indoor unit side connector to the indoor unit PCB port.
- 2** Connect the adapter side connector to the adapter.



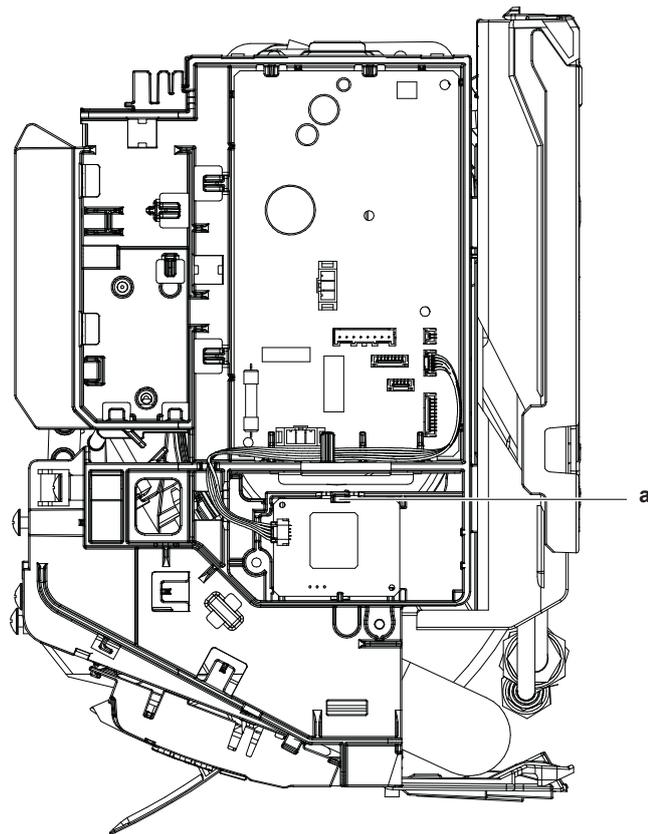
5.4 Mounting the adapter

5.4.1 To mount the adapter

- 1** Place the adapter to the electrical wiring box as shown below. (see indoor unit installation manual to open the indoor unit.)



- 2 Push the adapter through the electrical wiring box nail as shown below.



a Electrical wiring box nail

6 Wireless LAN connection

The customer is responsible for providing:

- Smartphone or tablet with minimum supported version of Android or iOS, specified on app.daikineurope.com.
- Internet line and communication device, such as a modem, router, etc.
- Wireless LAN access point
- Installed free ONECTA application

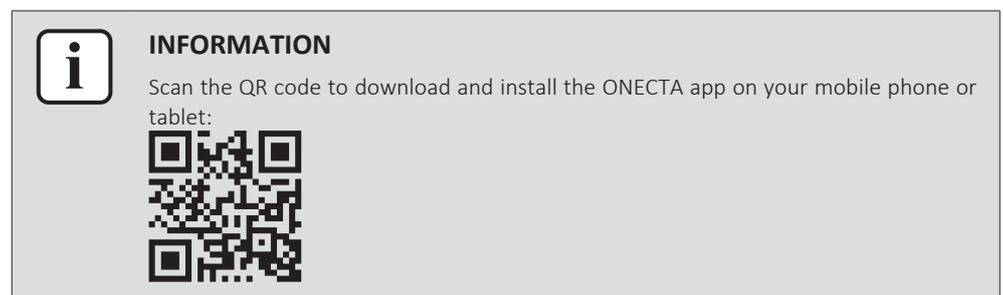
6.1 Precautions when using the wireless LAN

Do NOT use near:

- **Medical equipment.** E.g. persons using cardiac pacemakers or defibrillators. This product may cause electromagnetic interference.
- **Auto-control equipment.** E.g. automatic doors or fire alarm equipment. This product may cause faulty behaviour of the equipment.
- **Microwave oven.** It may affect wireless LAN communications.

6.2 To install the ONECTA app

- 1 Go to Google Play (for Android devices) or the App Store (for iOS devices) and search for "ONECTA".
- 2 Follow the directions on the screen to install the ONECTA app.



6.3 To set the wireless connection

There are two options to connect the wireless adapter with your smart device.

- **Connect the wireless LAN to your smart device directly.**
- **Connect the wireless LAN to your home network.** The wireless LAN will communicate with your smart device in your home network using a modem, router or a similar device.

For more information and FAQ refer to app.daikineurope.com.

- 1 Stop operation before setting the wireless connection.
- 2 Use the wireless remote control to select the wireless LAN setting menu.

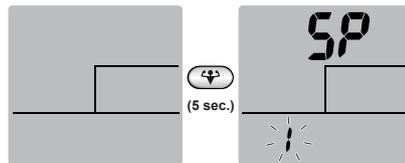
Note: During setting, always aim the wireless remote control at the infrared signal receiver on the unit.

Menu	Description
!	Connection status check
?	WPS connection setting
R	Reset to factory default
OFF	Wireless LAN OFF

6.3.1 To confirm the wireless LAN connection status

- 1 On home screen menu, press and hold  for at least 5 seconds while the unit is not operating.

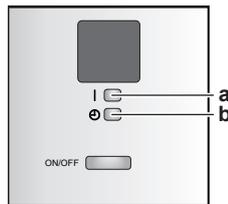
Result: The SP (wireless connection setting menu) appears. ! is blinking.



- 2 Press  to confirm the selection.

Result: ! is blinking.

- 3 Check the operation and timer LEDs on the indoor unit display.



a Operation LED
b Timer LED

If operation LED...	...and timer LED...	...then wireless LAN is...
blinks	blinks	not connected
is off	blinks in 0.5 second interval	running and ready to connect to the home network via WPS button on the router.
is off	blinks in 1 second interval	<ul style="list-style-type: none"> connected to the home network via SSID + KEY. or <ul style="list-style-type: none"> connected to the home network via WPS button on the router.

- 4 Press  to exit the menu.

Result: The display will return to the default screen.

6.3.2 To connect the wireless LAN to your home network

The wireless adapter can be connected to your home network using the:

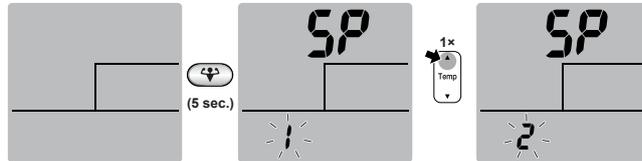
- WPS button (Wi-Fi Protected Setup) on the router (if present),
- The SSID (Service Set Identifier) and the KEY (password) - located on the unit.

To connect using the WPS button

- 1 On home screen menu, hold  for at least 5 seconds while the unit is not operating.

Result: The SP menu **1** appears. **1** is blinking.

- 2 Change to the SP menu **2** by pressing  once or  repeatedly.



- 3 Press  to confirm the selection.

Result: **2** is blinking. The timer LED is blinking in 0.5 s interval and the operation LED is off.

- 4 Press the WPS button on your communication device (e.g. router) within approximately 1 minute. Refer to the manual of your communication device.

Result: If the connection to your communication device is successful, the timer LED is blinking in 1.0 s interval and the operation LED is off.



INFORMATION

If the connection with your router is not possible, try procedure To connect using SSID and KEY number.

- 5 Press  to exit the menu.

Result: The display will return to the default screen.

6.3.3 To reset the connection setting to the factory default

Reset the connection setting to the factory default in case you want to:

- disconnect the wireless LAN and the communication device (e.g. router) or smart device,
- repeat the setting if the connection was unsuccessful.

- 1 On home screen menu, hold  for at least 5 seconds while the unit is not operating.

Result: The SP menu **1** appears. **1** is blinking.

- 2 Change to the SP menu **R** by pressing  twice or  repeatedly.



- 3 Hold  for at least 2 seconds to confirm the selection.

Result: **R** is blinking. The operation and timer LEDs are blinking at the same time in 1 s interval. The setting is reset to the factory default.

- 4 Press  to exit the menu.

Result: The display will return to the default screen.

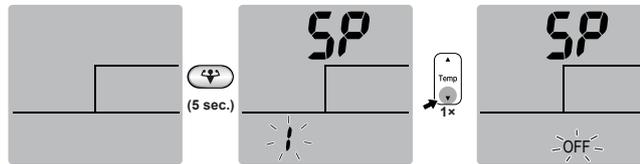
6.3.4 To turn off the wireless LAN connection

If you want to turn off the wireless connection function:

- 1 On home screen menu, press  for at least 5 seconds while the unit is not operating.

Result: The SP menu *!* appears. *!* is blinking.

- 2 Change to the SP menu *oFF* by pressing  once or  repeatedly.



- 3 Hold  for at least 2 seconds to confirm the selection.

Result: *oFF* is blinking. The operation and timer LEDs are blinking alternately in 1 s interval. Communication is OFF.

- 4 Press  to exit the menu.

Result: The display will return to the default screen.

7 Hand-over to the user

After having installed and configured the adapter, hand over this installation manual to the user and make him/her aware of the following safety precautions.



DANGER

- Do NOT disassemble, modify, or repair the adapter. This can cause fire, electrical shock, or injury.
- Do NOT allow the adapter to get wet or use it when bathing or doing similar activities with water. This can cause electrical shock or fire.
- Do NOT use the adapter near medical equipment, or persons using cardiac pacemakers or defibrillators. This can cause life-threatening electromagnetic interference.
- Do NOT use the adapter near auto-control equipment such as automatic doors or fire alarm equipment. This can cause accidents due to erroneous equipment behaviour.
- In case of abnormal odour or sound, overheating, or smoke coming out of the adapter, immediately disconnect the indoor unit from its power supply. Otherwise, this can lead to fire or malfunction. If this happens, consult your dealer.
- In case you drop or damage the adapter, disconnect the indoor unit from its power supply. Otherwise, this can lead to fire or malfunction. If this happens, consult your dealer.



NOTICE

Do not use the adapter near microwave ovens. This can affect wireless LAN communications.

8 Troubleshooting

8.1 Overview: Troubleshooting

This chapter describes what to do in case of problems. It contains information about solving problems based on the symptoms listed below.

8.1.1 Symptom: The adapter is NOT responding to interaction with the indoor unit

Possible causes	Corrective action
The connection cable to connect the adapter to the indoor unit is incompatible with the unit.	Make sure you are connected to a compatible unit. Check the compatibility of the indoor unit with the adapter in the indoor unit manual

9 Disposal



NOTICE

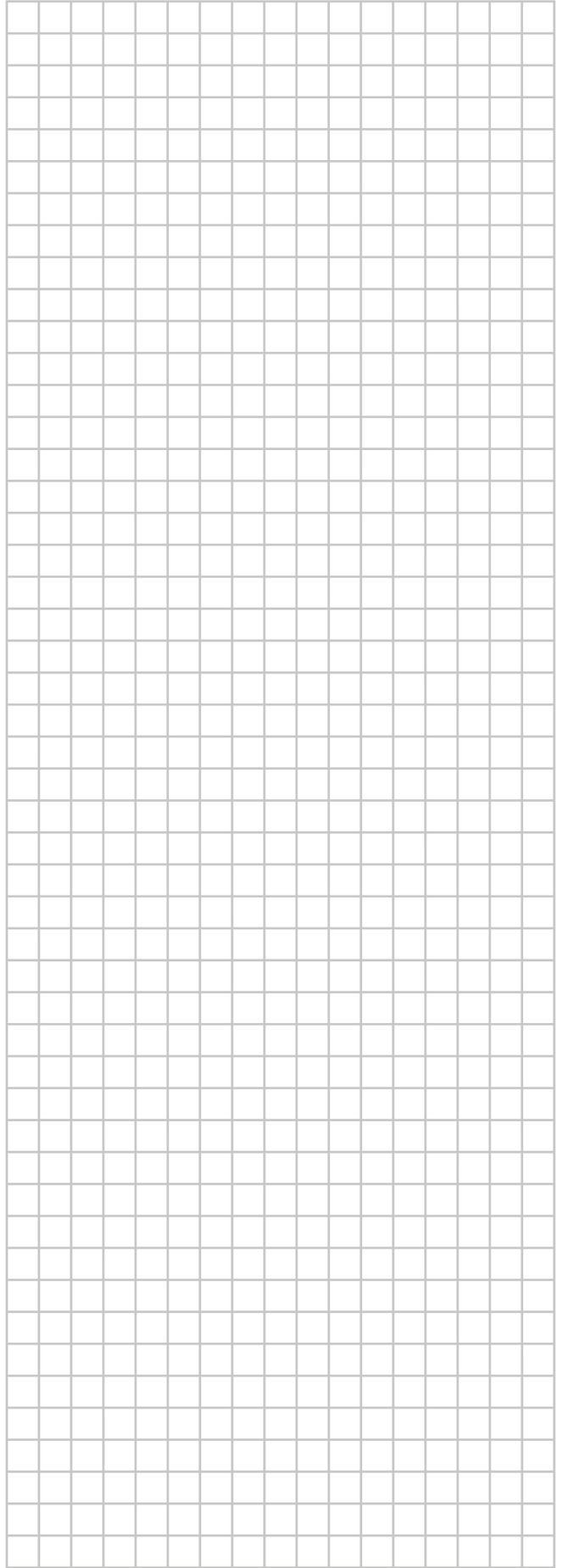
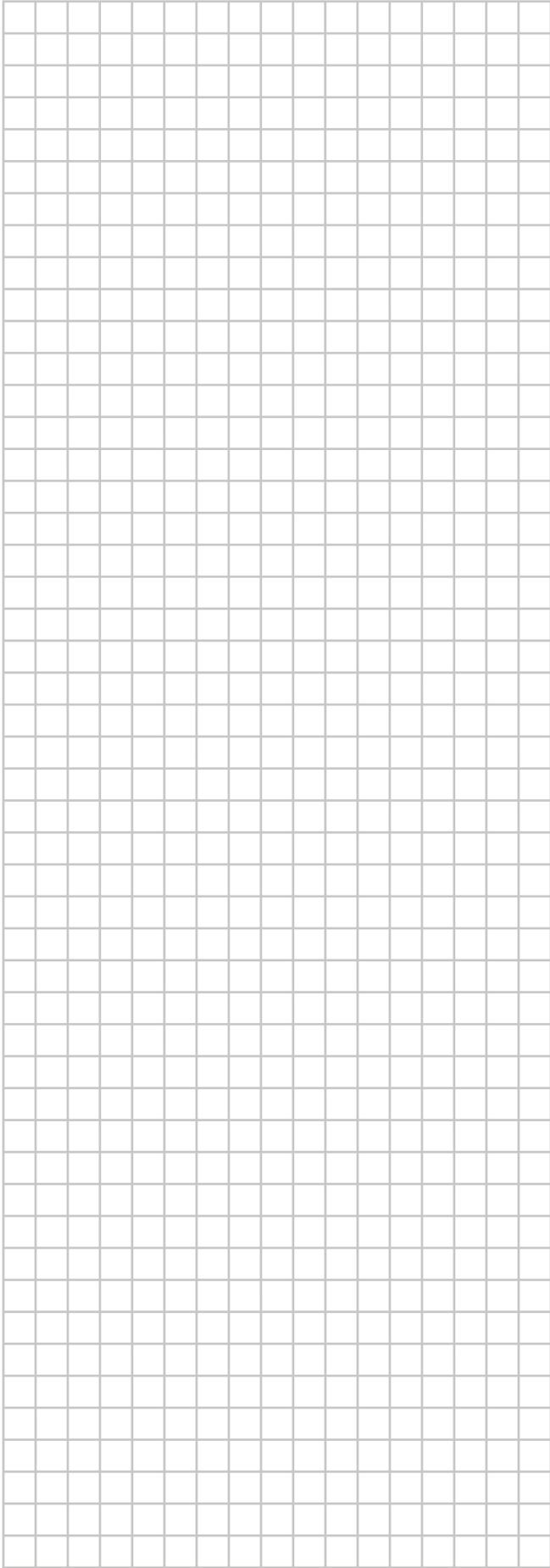
Do NOT try to dismantle the system yourself: dismantling of the system, treatment of the refrigerant, oil and other parts **MUST** comply with applicable legislation. Units **MUST** be treated at a specialised treatment facility for reuse, recycling and recovery.

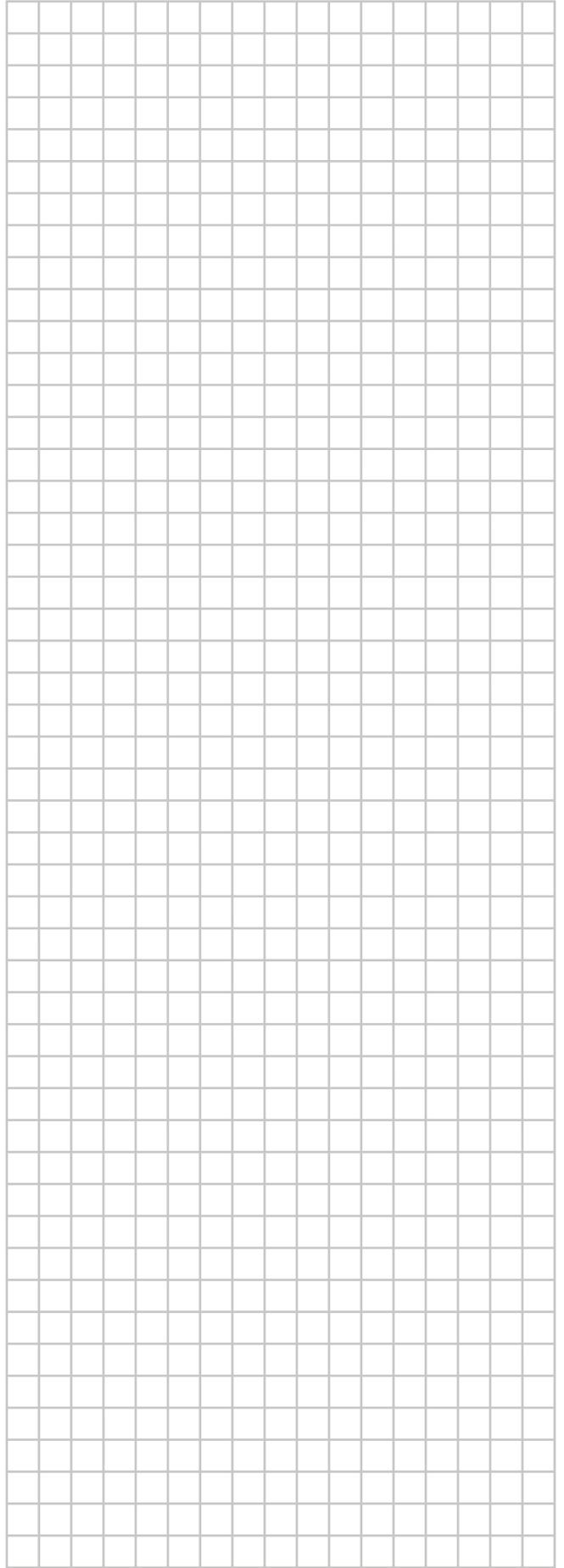
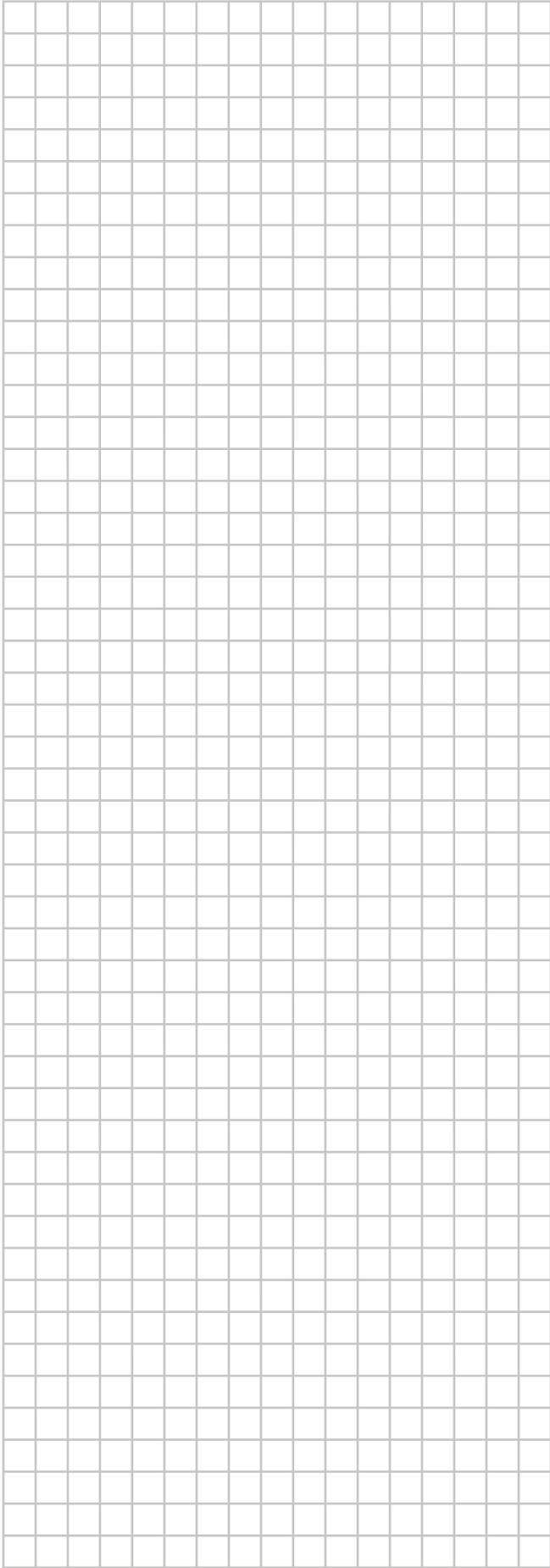
- Units are marked with the following symbol:



This means that electrical and electronic products may NOT be mixed with unsorted household waste. Do NOT try to dismantle the system yourself: dismantling the system, treatment of the refrigerant, of oil and of other parts **MUST** be done by an authorised installer and **MUST** comply with applicable legislation.

Units **MUST** be treated at a specialised treatment facility for reuse, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. For more information, contact your installer or local authority.





ERC



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