

Installer reference guide

WLAN cartridge Heating

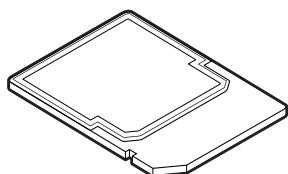


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1 About this document

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 <http://www.daikineurope.com/support-and-manuals/product-information/>

- **Declaration of conformity:**



INFORMATION: Declaration of conformity

Hereby, Daikin Europe N.V. declares that the radio equipment type BRP069A78 is in compliance with the Directive 2014/53/EU. The original declaration of conformity is available from <http://www.daikineurope.com/support-and-manuals/product-information/>.

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 About the adapter

Wireless LAN adapter to connect the heat pump system to the Daikin Cloud via the internet, allowing for control of the heat pump system with the Daikin Residential Controller app.

2.1 Basic parameters

Parameter	Value
Frequency range	2400 MHz~2483.5 MHz
Radio protocol	IEEE 802.11b/g/n
Radio frequency channel	1~13
Output power	0 dBm~18 dBm
Effective radiated power	17 dBm (11b) / 14 dBm (11g) / 13 dBm (11n)
Power supply	DC 3.3 V / 500 mA

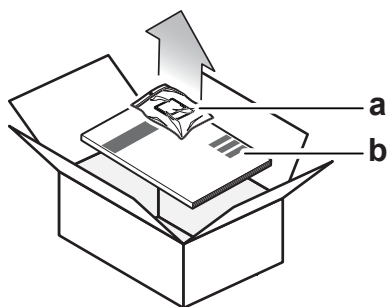
2.2 Compatibility

Make sure the heat pump system is compatible for use with the adapter. For more information, see the installer reference guide of the heat pump system.

3 About the box

3.1 To unpack the adapter

- 1** Open the box.
- 2** Take out the adapter.
- 3** Separate the accessories.



- a** Adapter
b Installation manual

4 Preparation

4.1 Installation site requirements

- The adapter is designed to be mounted to the indoor unit, in dry, indoor locations only.
- The adapter is designed to operate in ambient temperatures ranging from 5~35°C.

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 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.
- Turn off the power supply in case the adapter gets damaged.

Symbol	Explanation
	The protection of appliances marked with this symbol is ensured by double insulation and does not require a safety connection to electrical earth (ground).

5.2 Connecting the electrical wiring

5.2.1 Precautions when connecting the electrical wiring



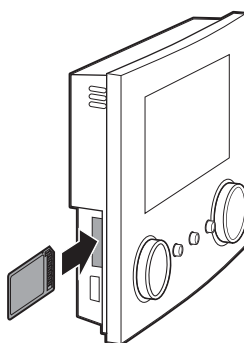
INFORMATION

Also read the precautions and requirements in the following chapters:

- General safety precautions
- Preparation

5.2.2 To connect the adapter with the unit

- 1** Insert the WLAN cartridge into the cartridge slot on the user interface of the indoor unit.



6 Starting up the system

The adapter gets its power from the indoor unit. For the adapter to function, make sure it is connected to the indoor unit, and the indoor unit is powered on.



INFORMATION

Before starting up the system, make sure that the adapter is properly mounted to the indoor unit.

7 Configuration

To configure the adapter, open the Daikin Residential Controller application on your mobile device and follow the in-app instructions. The Daikin Residential Controller application is available on Google Play and the App Store:

<http://www.onlinecontroller.daikineurope.com/>



8 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, electric 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 electric 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.

9 Troubleshooting

9.1 Overview: Troubleshooting

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

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

Possible causes	Corrective action
The cartridge is not inserted correctly.	Check that the adapter is inserted correctly into the cartridge slot of the user interface of the indoor unit.

9.1.2 Symptom: Nothing happens when the adapter is in AP mode

Possible causes	Corrective action
The firmware is corrupted.	Contact your dealer to report the firmware issue.

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Zandvoordestraat 300, B-8400 Oostende, Belgium

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