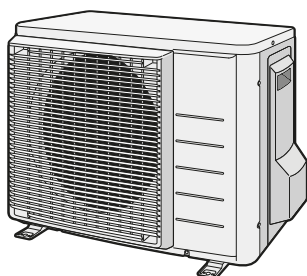




Installation manual

R32 Split series



ARXD25A5V1B
ARXD35A5V1B

Installation manual
R32 Split series

English

[illegible]

Daikin Europe N.V.

- | | | | |
|----|----|--|----|
| 01 | 01 | decide under its sole responsibility that the products to which this declaration relates: | 09 |
| 02 | 02 | erklärt in alleiniger Verantwortung, dass die Produkte, auf die sich diese Erklärung bezieht: | 10 |
| 03 | 03 | decide sous sa seule responsabilité que les produits visés par la présente déclaration: | 11 |
| 04 | 04 | erklärt hierin, von eigenem Verantwortungsbereich das zu produzen waar teze verklaart, brekënk meet: | 12 |
| 05 | 05 | decide bajo su única responsabilidad que los productos a los que hace referencia esta declaración: | 13 |
| 06 | 06 | dichara sotto la propria responsabilità che i prodotti a cui è riferita questa dichiarazione: | 14 |
| 07 | 07 | бълваже подготъти своята отговорностъ, че производъта, от които се отнася това обявление: | 15 |
| 08 | 08 | decide sotto sua esclusiva responsabilità che, os prodotti a qua esta declaracão se refere: | 16 |

ARXD25A5V1B, ARXD35A5V1B,

- 01 are in conformity with the following (directives) or regulations (s) provided that the products are used in accordance with our instructions:
02 folgende in Übereinstimmung mit den folgenden (Richtlinien) oder Vorschriften (s) stehen, vorausgesetzt, dass diese gemäß unseren Anweisungen verwendet werden.
03 son conformes à (aux) directives (s) ou règlements (s) suivants, à condition que les produits soient utilisés conformément à nos instructions:
04 in overeenstemming met de volgende (richtlijn(en) of verordening(en)), op voorwaarde dat de producten worden gebruikt overeenkomstig onze
05 instructies.
06 están en conformidad con la(s) siguiente(s) directiva(s) o reglamento(s), siempre que se utilicen de acuerdo con nuestras instrucciones.
07 sono conformi alle direttive o ai regolamenti seguenti, a patto che i prodotti vengano usati in conformità alle nostre istruzioni:
08 estão em conformidade com as(s) seguinte(s) diretriz(es) ou regulamento(s), desde que os produtos sejam utilizados de acordo com as nossas
09 instruções.

Low Voltage 2014/35/EU
Electromagnetic Compatibility 2014/30/EU*
Machinery 2006/42/EC**

- | | |
|----|-----------------------------------|
| 01 | following the provisions of: |
| 02 | gemak den bestemmingen in: |
| 03 | conformément aux dispositions de: |
| 04 | vogeden bepalingen van: |
| 05 | squendo las disposiciones de: |
| 06 | disposizioni di: |
| 07 | содержащих в себе указания на: |
| 08 | seguendo as disposições de: |
| 09 | в соответствии с положениями: |
| 10 | underlagt af: |
| 11 | enligt bestämmelserna för: |
| 12 | i henhold til bestemmelserne i: |
| 13 | noudatien säännökset: |
| 14 | to ujednolitě ustanovili: |
| 15 | de onderwerpt aan: |
| 16 | förord sig åt: |
| 17 | zpodle zastożeniowiam: |
| 18 | urnând prevederile: |

- 01 Note* as set out in <A> and judged positively by according to the **Certificat** <C>
02 Hinweis* wie in <A> ausgedrückt und von positiv beurteilt, gemäß **Zertifikat** <C>
03 Remarque* telles que définies dans <A> et évaluées positivement par conformément au **Certificat** <C>
04 Bemerk* zoals uiteengezet in <A> en positief beoordeeld door overeenkomstig het **Certificat** <C>
05 Nota* tal como se establecieron en <A> y valorado positivamente por de acuerdo con el **Certificado** <C>

- 01** Dairin Europe N.V. is authorised to compile the Technical Construction File.
02** Dairin Europe N.V. hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen.
03** Dairin Europe N.V. est autorisée à compiler le Dossier de Construction Technique.
04** Dairin Europe N.V. is bevoegd om het Technisch Constructiedossier samen te stellen.
05** Dairin Europe N.V. está autorizado a compilar el Archivo de Construcción Técnica.
06** Dairin Europe N.V. è autorizzata a redigere il File tecnico di Costruzione.

- 07** Η Dalkin Europe N.V. είναι εξουσιοδοτημένη να συλλέγει τον Τεχνικό φάκελο κατασκευής.
08** Η Dalkin Europe N.V. esta autorizada a compilar a documentação técnica de fabrico.
09** Компания Далкин Еуропа N.V. уполномочена составить Комплексные документации.
10** Dalkin Europe N.V. er autoriseret til at udarbejde tekniske konstruktionsdata.
11** Dalkin Europe N.V. er bemyndiget til sammentale den tekniske konstruktionsfilen.
12** Dalkin Europe N.V. har tillæste til a sammentale den tekniske konstruktionsfilen.

- 13^o Dalkin Europe N.V. on valitud laadima. Teknisen asiantuntija.
14^o Společnost Daikin Europe N.V. má oprávnění ke kompilaci souborů.
15^o Dalkin Europe N.V. je ověřen za účelem technického kontroly.
16^o A Dalkin Europe N.V. jogsussal a misztakait konstrukciós dokumentumok.
17^o Dalkin Europe N.V. má upovaňovanie zo zberu a i opacovania.
18^o Dalkin Europe N.V. este autorizat să complice Dăsanul tehnic de

- 19th Dáikin Europe N.V. je pobližen za sestavo naprave s temno mapo.
- 20th Dáikin Europe N.V. on v obdobju kovanja letins deloval samostojno.
- 21th Dáikin Europe N.V. e vnaprejšnje plačanje s strani Aera za tehnološko izpopolnjevanje.
- 22th Dáikin Europe N.V. je glavna sodna stvar številnih končnih tožnikov.
- 23th Dáikin Europe N.V. je avtorski sklad letins dokumentacije.
- 24th Splošno Dáikin Europe N.V. je opravljal vnapil izbor tehnološke konstrukcije.
- 25th Dáikin Europe N.V. Tekoio N.V. Dosejani delovne veštrici.

- [illegible]

- | | | | |
|----|----------------------------------|----|----------------------------------|
| 01 | as amended, | 08 | conforme emendado, |
| 02 | in der jeweils gültigen Fassung, | 09 | v lektravoyeñi paraqum, |
| 03 | telers que modifies, | 10 | som tilføjet, |
| 04 | zoas gawzqd, | 11 | med tilføjet, |
| 05 | en su forma emendada, | 12 | med breidate endringer, |
| 06 | e successive modifioine, | 13 | sellastia kun ne erat muudetuna, |
| 07 | omus tyow parantorbel, | | |

EN 60335-2-40,

- | | | | |
|---------------|--------------------------------------|------------|---|
| 16 Megjegyzás | son augus <4> rich goldtás <4> enlig | 17 Uwaga* | son del femkörner <4> 20 wüder possitiv <4> Cerfikat <4> |
| | | 18 Nota* | <4> hehnd in Serfikat <4> 18 |
| | | 19 Opomba* | seksasun künne in seksy essessjess <4> ja jona <4> on in halsyym' Serfikat <4> müsses. |
| | | 20 Märkus* | jak hoi wüdero <4> a possitiv zätsen <4> in solaut <4> Oawedn' <4> kako je zödero <4> possitiv ocleneto od <4> prema Cerfikat <4> |

- | | | | |
|-----|--------------|-----|--------------|
| 21 | 36boreniwka* | 21 | 36boreniwka* |
| 22 | 22 | 22 | 22 |
| 23 | 23 | 23 | 23 |
| 24 | 24 | 24 | 24 |
| 25 | 25 | 25 | 25 |
| 26 | 26 | 26 | 26 |
| 27 | 27 | 27 | 27 |
| 28 | 28 | 28 | 28 |
| 29 | 29 | 29 | 29 |
| 30 | 30 | 30 | 30 |
| 31 | 31 | 31 | 31 |
| 32 | 32 | 32 | 32 |
| 33 | 33 | 33 | 33 |
| 34 | 34 | 34 | 34 |
| 35 | 35 | 35 | 35 |
| 36 | 36 | 36 | 36 |
| 37 | 37 | 37 | 37 |
| 38 | 38 | 38 | 38 |
| 39 | 39 | 39 | 39 |
| 40 | 40 | 40 | 40 |
| 41 | 41 | 41 | 41 |
| 42 | 42 | 42 | 42 |
| 43 | 43 | 43 | 43 |
| 44 | 44 | 44 | 44 |
| 45 | 45 | 45 | 45 |
| 46 | 46 | 46 | 46 |
| 47 | 47 | 47 | 47 |
| 48 | 48 | 48 | 48 |
| 49 | 49 | 49 | 49 |
| 50 | 50 | 50 | 50 |
| 51 | 51 | 51 | 51 |
| 52 | 52 | 52 | 52 |
| 53 | 53 | 53 | 53 |
| 54 | 54 | 54 | 54 |
| 55 | 55 | 55 | 55 |
| 56 | 56 | 56 | 56 |
| 57 | 57 | 57 | 57 |
| 58 | 58 | 58 | 58 |
| 59 | 59 | 59 | 59 |
| 60 | 60 | 60 | 60 |
| 61 | 61 | 61 | 61 |
| 62 | 62 | 62 | 62 |
| 63 | 63 | 63 | 63 |
| 64 | 64 | 64 | 64 |
| 65 | 65 | 65 | 65 |
| 66 | 66 | 66 | 66 |
| 67 | 67 | 67 | 67 |
| 68 | 68 | 68 | 68 |
| 69 | 69 | 69 | 69 |
| 70 | 70 | 70 | 70 |
| 71 | 71 | 71 | 71 |
| 72 | 72 | 72 | 72 |
| 73 | 73 | 73 | 73 |
| 74 | 74 | 74 | 74 |
| 75 | 75 | 75 | 75 |
| 76 | 76 | 76 | 76 |
| 77 | 77 | 77 | 77 |
| 78 | 78 | 78 | 78 |
| 79 | 79 | 79 | 79 |
| 80 | 80 | 80 | 80 |
| 81 | 81 | 81 | 81 |
| 82 | 82 | 82 | 82 |
| 83 | 83 | 83 | 83 |
| 84 | 84 | 84 | 84 |
| 85 | 85 | 85 | 85 |
| 86 | 86 | 86 | 86 |
| 87 | 87 | 87 | 87 |
| 88 | 88 | 88 | 88 |
| 89 | 89 | 89 | 89 |
| 90 | 90 | 90 | 90 |
| 91 | 91 | 91 | 91 |
| 92 | 92 | 92 | 92 |
| 93 | 93 | 93 | 93 |
| 94 | 94 | 94 | 94 |
| 95 | 95 | 95 | 95 |
| 96 | 96 | 96 | 96 |
| 97 | 97 | 97 | 97 |
| 98 | 98 | 98 | 98 |
| 99 | 99 | 99 | 99 |
| 100 | 100 | 100 | 100 |

- 19**
20**
21**
22**
23**
24**

- 19th Dáikin Europe N.V. je pobližen za sestavo dajepole s temno mazo.
- 20th Dáikin Europe N.V. on vstopil kotsema letnisi dokumentaci.
- 21th Dáikin Europe N.V. e vstopilane pa cscari Anz za tekmoze toeruprike.
- 22th Dáikin Europe N.V. pa gajici sudariti š tekmis konstrukcijsi falq.
- 23th Dáikin Europe N.V. ar doretis saditi letnisi dokumentaci.
- 24th Spolnošč Dáikin Europe N.V. je opraveni vporiti sudor tekmoze konstrukci.
- 25th Dáikin Europe N.V. Tekin V. Doyevni in derelene tekir.

 **DAIKIN EUROPE N.V.**
Hiroimitsu Iwasaki
Director
Ostend, 1st of December 2022
Zandvoordestraat 300, B-8400 Oostende, Belgium

Table of contents

1	About the documentation	3
1.1	About this document.....	3
2	Specific installer safety instructions	3
3	About the box	5
3.1	Outdoor unit.....	5
3.1.1	To unpack the outdoor unit	5
3.1.2	To remove the accessories from the outdoor unit.....	5
4	Unit installation	6
4.1	Preparing the installation site	6
4.1.1	Installation site requirements of the outdoor unit	6
4.1.2	Additional installation site requirements of the outdoor unit in cold climates	6
4.2	Mounting the outdoor unit.....	7
4.2.1	To provide the installation structure	7
4.2.2	To install the outdoor unit.....	7
4.2.3	To provide drainage	7
4.2.4	To prevent the outdoor unit from falling over	7
5	Piping installation	8
5.1	Preparing refrigerant piping	8
5.1.1	Refrigerant piping requirements.....	8
5.1.2	Refrigerant piping insulation	8
5.1.3	Refrigerant piping length and height difference	8
5.2	Connecting the refrigerant piping	8
5.2.1	About connecting the refrigerant piping	8
5.2.2	Precautions when connecting the refrigerant piping ...	8
5.2.3	To connect the refrigerant piping to the outdoor unit ..	8
5.3	Checking the refrigerant piping	9
5.3.1	To check for leaks.....	9
5.3.2	To perform vacuum drying	9
6	Charging refrigerant	9
6.1	About charging refrigerant.....	9
6.2	About the refrigerant.....	10
6.3	To determine the additional refrigerant amount	10
6.4	To determine the complete recharge amount	10
6.5	To charge additional refrigerant	10
6.6	To fix the fluorinated greenhouse gases label.....	10
7	Electrical installation	10
7.1	Specifications of standard wiring components	11
7.2	To connect the electrical wiring to the outdoor unit	11
8	Finishing the outdoor unit installation	12
8.1	To finish the outdoor unit installation.....	12
8.2	To close the outdoor unit.....	12
9	Configuration	12
9.1	Facility setting.....	12
9.1.1	To set the facility mode	12
9.2	Standby electricity saving function	12
9.2.1	About the standby electricity saving function	12
9.2.2	To turn ON standby electricity saving function.....	12
10	Commissioning	13
10.1	Checklist before commissioning	13
10.2	Checklist during commissioning	13
10.3	To perform a test run.....	13
11	Troubleshooting	13
11.1	Fault diagnosis using LED on outdoor unit PCB	13
12	Disposal	14
13	Technical data	14
13.1	Wiring diagram	14

13.1.1	Unified wiring diagram legend.....	14
--------	------------------------------------	----

14	Piping diagram	15
14.1	Piping diagram: Outdoor unit.....	15

1 About the documentation

1.1 About this document



WARNING

Make sure installation, servicing, maintenance, repair and applied materials follow the instructions from Daikin (including all documents listed in "Documentation set") and, in addition, comply with applicable legislation and are performed by qualified persons only. In Europe and areas where IEC standards apply, EN/IEC 60335-2-40 is the applicable standard.

Target audience

Authorised installers



INFORMATION

This document only describes installation instructions specific to the outdoor unit. For installation of the indoor unit (mounting the indoor unit, connecting the refrigerant piping to the indoor unit, connecting the electrical wiring to the indoor unit ...), see the installation manual of the indoor unit.

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 outdoor unit)

▪ Outdoor unit installation manual:

- Installation instructions
- Format: Paper (in the box of the outdoor unit)

▪ Installer reference guide:

- Preparation of the installation, reference data, ...
- Format: Digital files on <https://www.daikin.eu>. Use the search function 🔍 to find your model.

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.

Technical engineering data

- A **subset** of the latest technical data is available on the regional Daikin website (publicly accessible).
- The **full set** of latest technical data is available on the Daikin Business Portal (authentication required).

2 Specific installer safety instructions

Always observe the following safety instructions and regulations.

2 Specific installer safety instructions

Unit installation (see "4 Unit installation" ▶ 6)



WARNING

Installation shall be done by an installer, the choice of materials and installation shall comply with the applicable legislation. In Europe, EN378 is the applicable standard.

Installation site (see "4.1 Preparing the installation site" ▶ 6)



CAUTION

- Check if the installation location can support the unit's weight. Poor installation is hazardous. It can also cause vibrations or unusual operating noise.
- Provide sufficient service space.
- Do NOT install the unit so that it is in contact with a ceiling or a wall, as this may cause vibrations.



WARNING

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).

Connecting the refrigerant piping (see "5.2 Connecting the refrigerant piping" ▶ 8)



CAUTION

- No brazing or welding on site for units with R32 refrigerant charge during shipment.
- During installation of the refrigeration system, joining of parts with at least one part charged shall be performed taking into account the following requirements: inside occupied spaces non-permanent joints are NOT allowed for R32 refrigerant except for site made joints directly connecting the indoor unit to piping. Site made joints directly connecting piping to indoor units shall be of non-permanent type.



WARNING

Connect the refrigerant piping securely before running the compressor. If the refrigerant piping is NOT connected and the stop valve is open when the compressor is run, air will be sucked in. This will cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.



CAUTION

- Incomplete flaring may cause refrigerant gas leakage.
- Do NOT re-use flares. Use new flares to prevent refrigerant gas leakage.
- Use flare nuts that are included with the unit. Using different flare nuts may cause refrigerant gas leakage.



CAUTION

Do NOT open the valves before flaring is complete. This would cause refrigerant gas leakage.



DANGER: RISK OF EXPLOSION

Do NOT open the stop valves before the vacuum drying is finished.

Charging refrigerant (see "6 Charging refrigerant" ▶ 9)



WARNING

- The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.
- Turn OFF any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.
- Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.



WARNING

- Only use R32 as refrigerant. Other substances may cause explosions and accidents.
- R32 contains fluorinated greenhouse gases. Its global warming potential (GWP) value is 675. Do NOT vent these gases into the atmosphere.
- When charging refrigerant, ALWAYS use protective gloves and safety glasses.



WARNING

NEVER directly touch any accidental leaking refrigerant. This could result in severe wounds caused by frostbite.

Electrical installation (see "7 Electrical installation" ▶ 10)



WARNING

The appliance MUST be installed in accordance with national wiring regulations.



WARNING

- All wiring MUST be performed by an authorised electrician and MUST comply with the applicable national wiring regulation.
- Make electrical connections to the fixed wiring.
- All components procured on-site and all electrical construction MUST comply with the applicable legislation.



WARNING

- If the power supply has a missing or wrong N-phase, equipment might break down.
- Establish proper earthing. Do NOT earth the unit to a utility pipe, surge absorber, or telephone earth. Incomplete earthing may cause electrical shock.
- Install the required fuses or circuit breakers.
- Secure the electrical wiring with cable ties so that the cables do NOT come in contact with sharp edges or piping, particularly on the high-pressure side.
- Do NOT use taped wires, extension cords, or connections from a star system. They can cause overheating, electrical shock or fire.
- Do NOT install a phase advancing capacitor, because this unit is equipped with an inverter. A phase advancing capacitor will reduce performance and may cause accidents.



WARNING

ALWAYS use multicore cable for power supply cables.



WARNING

Use an all-pole disconnection type breaker with at least 3 mm between the contact point gaps that provides full disconnection under overvoltage category III.



WARNING

If the supply cord is damaged, it MUST be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



WARNING

Do NOT connect the power supply to the indoor unit. This could result in electrical shock or fire.



WARNING

- Do NOT use locally purchased electrical parts inside the product.
- Do NOT branch the power supply for the drain pump, etc. from the terminal block. This could result in electrical shock or fire.



WARNING

Keep the interconnection wiring away from copper pipes without thermal insulation as such pipes will be very hot.



DANGER: RISK OF ELECTROCUTION

All electrical parts (including thermistors) are powered by the power supply. Do NOT touch them with bare hands.



DANGER: RISK OF ELECTROCUTION

Disconnect the power supply for more than 10 minutes, and measure the voltage at the terminals of main circuit capacitors or electrical components before servicing. The voltage MUST be less than 50 V DC before you can touch electrical components. For the location of the terminals, see the wiring diagram.

Finishing indoor unit installation (see "8 Finishing the outdoor unit installation" [p 12])



DANGER: RISK OF ELECTROCUTION

- Make sure that the system is earthed properly.
- Turn OFF the power supply before servicing.
- Install the switch box cover before turning ON the power supply.

Configuration (see "9 Configuration" [p 12])



WARNING

Before connecting or disconnecting the connector, make sure the power supply is turned OFF.

Commissioning (see "10 Commissioning" [p 13])



DANGER: RISK OF ELECTROCUTION



DANGER: RISK OF BURNING/SCALDING



CAUTION

Do NOT perform the test operation while working on the indoor units.

When performing the test operation, NOT ONLY the outdoor unit, but the connected indoor unit will operate as well. Working on an indoor unit while performing a test operation is dangerous.



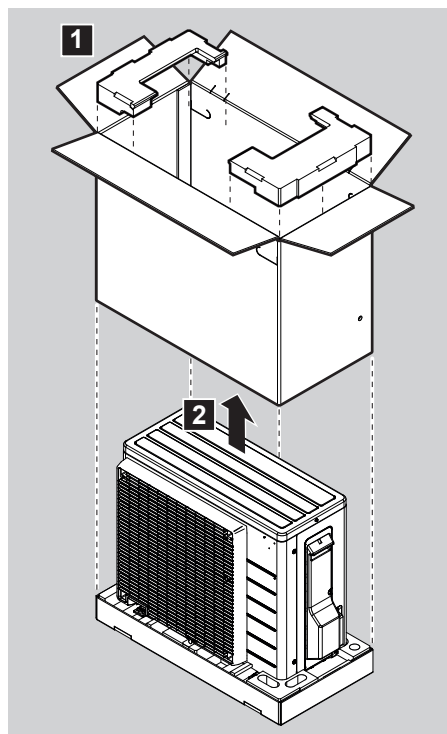
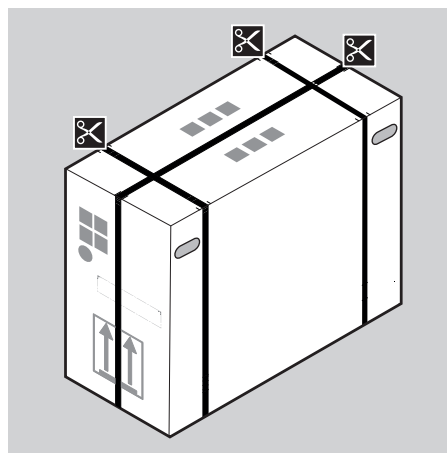
CAUTION

Do NOT insert fingers, rods or other objects into the air inlet or outlet. Do NOT remove the fan guard. When the fan is rotating at high speed, it will cause injury.

3 About the box

3.1 Outdoor unit

3.1.1 To unpack the outdoor unit



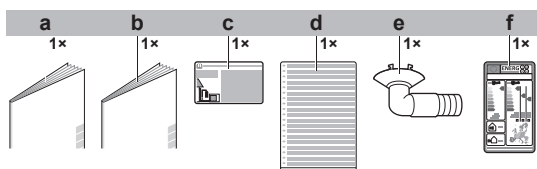
WARNING

Make sure installation, servicing, maintenance and repair comply with instructions from Daikin and with applicable legislation and are executed ONLY by authorised persons.

3.1.2 To remove the accessories from the outdoor unit

Make sure you have all following accessories delivered with the unit:

4 Unit installation



- a General safety precautions
- b Outdoor unit installation manual
- c Fluorinated greenhouse gases label
- d Multilingual fluorinated greenhouse gases label
- e Drain plug (located on the bottom of the packing case)
- f Energy label

4 Unit installation



WARNING

Installation shall be done by an installer, the choice of materials and installation shall comply with the applicable legislation. In Europe, EN378 is the applicable standard.

4.1 Preparing the installation site



WARNING

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).

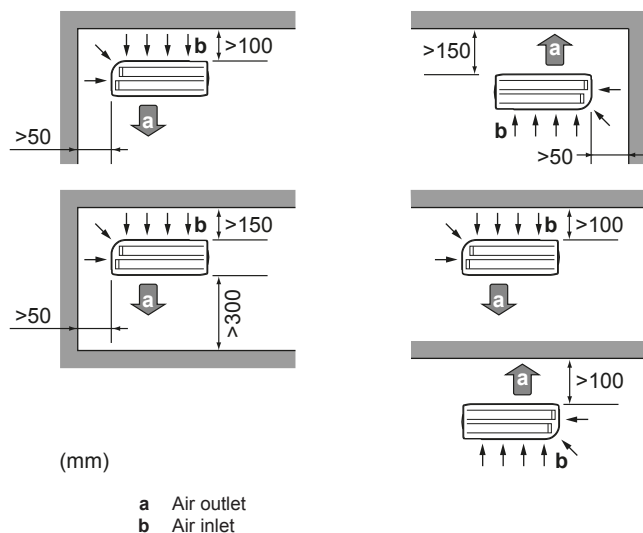


WARNING

Make sure installation, servicing, maintenance and repair comply with instructions from Daikin and with applicable legislation and are executed ONLY by authorised persons.

4.1.1 Installation site requirements of the outdoor unit

Mind the following spacing guidelines:

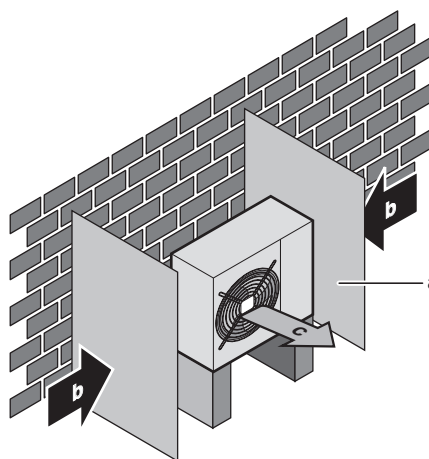


NOTICE

The height of the wall on the outlet side of the outdoor unit MUST be ≤1200 mm.

It is recommended to install a baffle plate when the air outlet is exposed to wind.

It is recommended to install the outdoor unit with the air inlet facing the wall and NOT directly exposed to the wind.



- a Baffle plate
- b Prevailing wind direction
- c Air outlet

Do NOT install the unit in sound sensitive areas (e.g. near a bedroom), so that the operation noise will cause no trouble.

Note: If the sound is measured under actual installation conditions, the measured value might be higher than the sound pressure level mentioned in "Sound spectrum" in the data book due to environmental noise and sound reflections.



INFORMATION

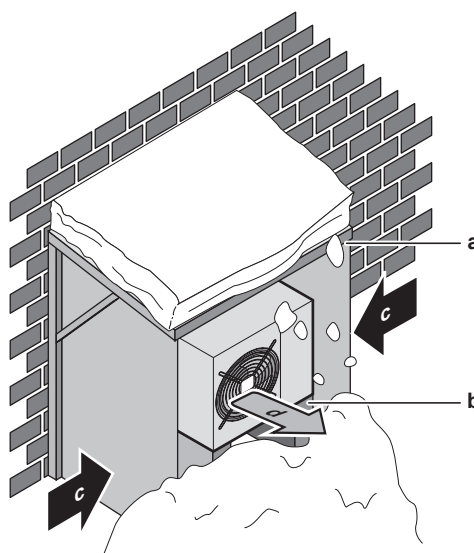
The sound pressure level is less than 70 dBA.

The outdoor unit is designed for outdoor installation only and for ambient temperatures specified in the table below (unless otherwise specified in the operation manual of the connected indoor unit).

Model	Cooling	Heating
ARXD-A	-10~50°C DB	-20~24°C DB

4.1.2 Additional installation site requirements of the outdoor unit in cold climates

Protect the outdoor unit against direct snowfall and take care that the outdoor unit is NEVER snowed up.



- a Snow cover or shed
- b Pedestal
- c Prevailing wind direction
- d Air outlet

It is recommended to provide at least 150 mm of free space below the unit (300 mm for heavy snowfall areas). Additionally, make sure the unit is positioned at least 100 mm above the maximum expected level of snow. If necessary, construct a pedestal. See "4.2 Mounting the outdoor unit" [7] for more details.

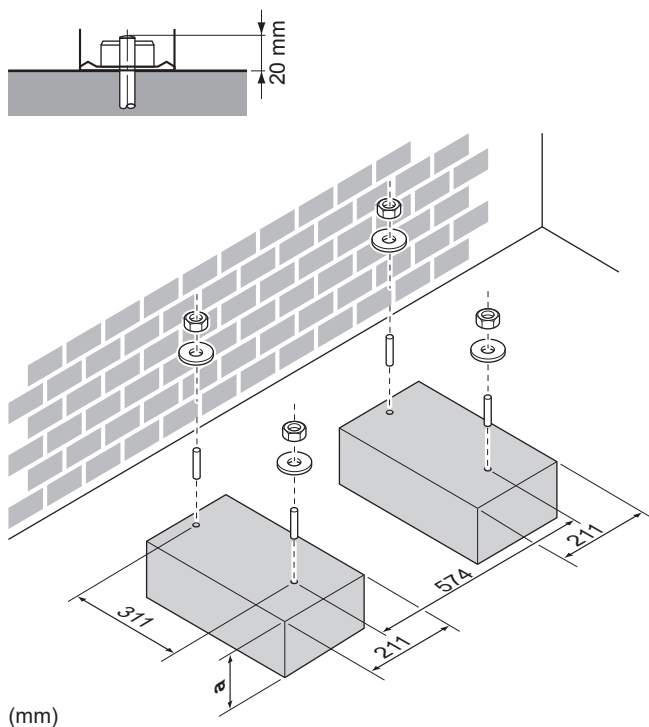
In heavy snowfall areas it is very important to select an installation site where the snow will NOT affect the unit. If lateral snowfall is possible, make sure that the heat exchanger coil is NOT affected by the snow. If necessary, install a snow cover or shed and a pedestal.

4.2 Mounting the outdoor unit

4.2.1 To provide the installation structure

Use a vibration-proof rubber (field supply) in cases where vibrations may be transmitted to the building.

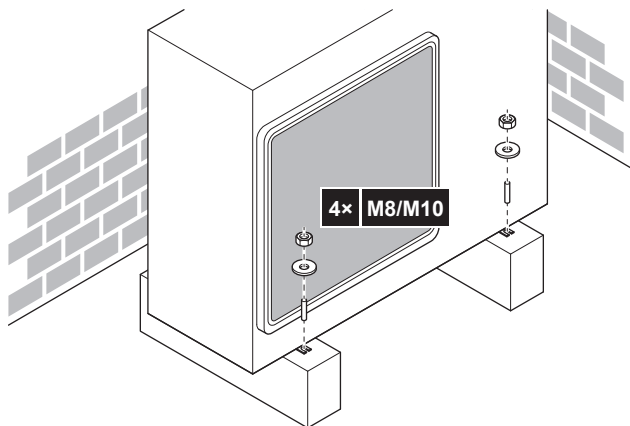
Prepare 4 sets of M8 or M10 anchor bolts, nuts and washers (field supply).



(mm)

a 100 mm above expected level of snow

4.2.2 To install the outdoor unit



4.2.3 To provide drainage



NOTICE

If the unit is installed in a cold climate, take adequate measures so that the evacuated condensate CANNOT freeze.



NOTICE

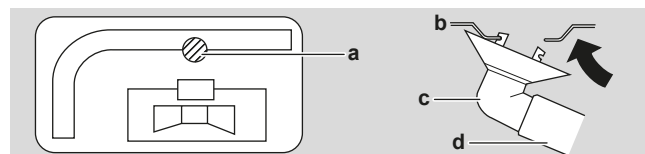
If the drain holes of the outdoor unit are blocked up by a mounting base or floor surface, place additional foot bases ≤30 mm under the outdoor unit's feet.



INFORMATION

For information on the available options, contact your dealer.

- 1 Use a drain plug for drainage.
- 2 Use a Ø16 mm hose (field supply).

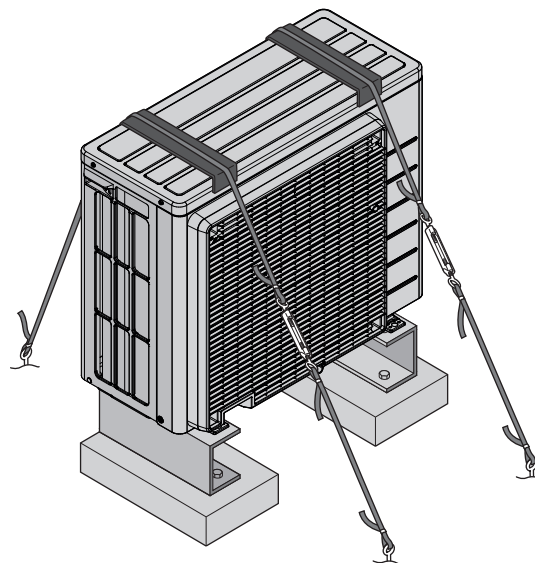


- a Drain port
- b Bottom frame
- c Drain plug
- d Hose (field supply)

4.2.4 To prevent the outdoor unit from falling over

In case the unit is installed in places where strong wind can tilt the unit, take following measure:

- 1 Prepare 2 cables as indicated in the following illustration (field supply).
- 2 Place the 2 cables over the outdoor unit.
- 3 Insert a rubber sheet between the cables and the outdoor unit to prevent the cables from scratching the paint (field supply).
- 4 Attach the ends of the cables.
- 5 Tighten the cables.



5 Piping installation

5 Piping installation

5.1 Preparing refrigerant piping

5.1.1 Refrigerant piping requirements



NOTICE

The piping and other pressure-containing parts shall be suitable for refrigerant. Use phosphoric acid deoxidised seamless copper for refrigerant piping.

- **Piping material:** phosphoric acid deoxidised seamless copper
- **Flare connections:** Only use annealed material.
- **Piping diameter:**

Liquid piping	Gas piping
Ø6.4 mm (1/4")	Ø9.5 mm (3/8")

- **Piping temper grade and thickness:**

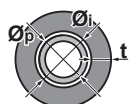
Outer diameter (Ø)	Temper grade	Thickness (t) ^(a)	
6.4 mm (1/4")	Annealed (O)	≥0.8 mm	
9.5 mm (3/8")	Annealed (O)		

^(a) Depending on the applicable legislation and the maximum working pressure of the unit (see "PS High" on the unit name plate), larger piping thickness might be required.

5.1.2 Refrigerant piping insulation

- Use polyethylene foam as insulation material:
 - with a heat transfer rate between 0.041 and 0.052 W/mK (0.035 and 0.045 kcal/mh°C)
 - with a heat resistance of at least 120°C
- Insulation thickness

Pipe outer diameter (Ø _p)	Insulation inner diameter (Ø _i)	Insulation thickness (t)
6.4 mm (1/4")	8~10 mm	≥10 mm
9.5 mm (3/8")	10~14 mm	≥13 mm



If the temperature is higher than 30°C and the humidity is higher than RH 80%, the thickness of the insulation materials should be at least 20 mm to prevent condensation on the surface of the insulation.

5.1.3 Refrigerant piping length and height difference

What?	Distance
Maximum allowable pipe length	20 m
Minimum allowable pipe length	1.5 m
Maximum allowable height difference	15 m

5.2 Connecting the refrigerant piping



DANGER: RISK OF BURNING/SCALDING



CAUTION

- No brazing or welding on site for units with R32 refrigerant charge during shipment.
- During installation of the refrigeration system, joining of parts with at least one part charged shall be performed taking into account the following requirements: inside occupied spaces non-permanent joints are NOT allowed for R32 refrigerant except for site made joints directly connecting the indoor unit to piping. Site made joints directly connecting piping to indoor units shall be of non-permanent type.

5.2.1 About connecting the refrigerant piping

Before connecting the refrigerant piping

Make sure the outdoor and indoor unit are mounted.

Typical workflow

Connecting the refrigerant piping involves:

- Connecting the refrigerant piping to the indoor unit
- Connecting the refrigerant piping to the outdoor unit
- Insulating the refrigerant piping
- Keeping in mind the guidelines for:
 - Pipe bending
 - Flaring pipe ends
 - Using the stop valves

5.2.2 Precautions when connecting the refrigerant piping



DANGER: RISK OF BURNING/SCALDING



NOTICE

- Use the flare nut fixed to the main unit.
- To prevent gas leakage, apply refrigeration oil only to the inside of the flare. Use refrigeration oil for R32 (**Example:** FW68DA).
- Do NOT reuse joints.



WARNING

Connect the refrigerant piping securely before running the compressor. If the refrigerant piping is NOT connected and the stop valve is open when the compressor is run, air will be sucked in. This will cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.

5.2.3 To connect the refrigerant piping to the outdoor unit

- **Piping length.** Keep field piping as short as possible.
- **Piping protection.** Protect the field piping against physical damage.



WARNING

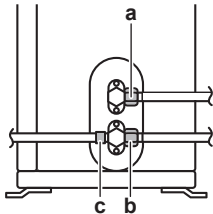
Connect the refrigerant piping securely before running the compressor. If the refrigerant piping is NOT connected and the stop valve is open when the compressor is run, air will be sucked in. This will cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.



NOTICE

- Use the flare nut fixed to the main unit.
- To prevent gas leakage, apply refrigeration oil only to the inside of the flare. Use refrigeration oil for R32 (**Example:** FW68DA).
- Do NOT reuse joints.

- Connect the liquid refrigerant connection from the indoor unit to the liquid stop valve of the outdoor unit.



- a Liquid stop valve
b Gas stop valve
c Service port

- Connect the gas refrigerant connection from the indoor unit to the gas stop valve of the outdoor unit.



NOTICE

It is recommended that the refrigerant piping between indoor and outdoor unit is installed in a ducting or the refrigerant piping is wrapped with finishing tape.

5.3 Checking the refrigerant piping

5.3.1 To check for leaks



NOTICE

Do NOT exceed the unit's maximum working pressure (see "PS High" on the unit name plate).



NOTICE

ALWAYS use a recommended bubble test solution from your wholesaler.

NEVER use soap water:

- Soap water may cause cracking of components, such as flare nuts or stop valve caps.
- Soap water may contain salt, which absorbs moisture that will freeze when the piping gets cold.
- Soap water contains ammonia which may lead to corrosion of flared joints (between the brass flare nut and the copper flare).

- Charge the system with nitrogen gas up to a gauge pressure of at least 200 kPa (2 bar). It is recommended to pressurize to 3000 kPa (30 bar) in order to detect small leaks.
- Check for leaks by applying the bubble test solution to all connections.
- Discharge all nitrogen gas.

5.3.2 To perform vacuum drying



DANGER: RISK OF EXPLOSION

Do NOT open the stop valves before the vacuum drying is finished.

- Vacuum the system until the pressure on the manifold indicates -0.1 MPa (-1 bar).
- Leave as is for 4-5 minutes and check the pressure:

If the pressure...	Then...
Does not change	There is no moisture in the system. This procedure is finished.
Increases	There is moisture in the system. Go to the next step.

- Vacuum the system for at least 2 hours to a manifold pressure of -0.1 MPa (-1 bar).
- After turning the pump OFF, check the pressure for at least 1 hour.
- If you do NOT reach the target vacuum or CANNOT maintain the vacuum for 1 hour, do the following:
 - Check for leaks again.
 - Perform vacuum drying again.



NOTICE

Make sure to open the stop valves after installing the refrigerant piping and performing vacuum drying. Running the system with the stop valves closed may break the compressor.

6 Charging refrigerant

6.1 About charging refrigerant

The outdoor unit is factory charged with refrigerant, but in some cases the following might be necessary:

What	When
Charging additional refrigerant	When the total liquid piping length is more than specified (see later).
Completely recharging refrigerant	Example: <ul style="list-style-type: none"> When relocating the system. After a leak.

Charging additional refrigerant

Before charging additional refrigerant, make sure the outdoor unit's **external** refrigerant piping is checked (leak test, vacuum drying).



INFORMATION

Depending on the units and/or the installation conditions, it might be necessary to connect electrical wiring before you can charge refrigerant.

Typical workflow – Charging additional refrigerant typically consists of the following stages:

- Determining if and how much you have to charge additionally.
- If necessary, charging additional refrigerant.
- Filling in the fluorinated greenhouse gases label, and fixing it to the inside of the outdoor unit.

Completely recharging refrigerant

Before completely recharging refrigerant, make sure the following is done:

- All refrigerant is recovered from the system.
- The outdoor unit's **external** refrigerant piping is checked (leak test, vacuum drying).
- Vacuum drying on the outdoor unit's **internal** refrigerant piping is performed.

Typical workflow – Completely recharging refrigerant typically consists of the following stages:

7 Electrical installation

- 1 Determining how much refrigerant to charge.
- 2 Charging refrigerant.
- 3 Filling in the fluorinated greenhouse gases label, and fixing it to the inside of the outdoor unit.

6.2 About the refrigerant

This product contains fluorinated greenhouse gases. Do NOT vent gases into the atmosphere.

Refrigerant type: R32

Global warming potential (GWP) value: 675

Periodical inspections for refrigerant leaks may be required depending on the applicable legislation. Contact your installer for more information.



WARNING: MILDLY FLAMMABLE MATERIAL

The refrigerant inside this unit is mildly flammable.



WARNING

- The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.
- Turn OFF any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.
- Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.



WARNING

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).



WARNING

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odourless.



WARNING

NEVER directly touch any accidental leaking refrigerant. This could result in severe wounds caused by frostbite.

6.3 To determine the additional refrigerant amount

If the total liquid piping length is...	Then...
≤10 m	Do NOT add additional refrigerant.
>10 m	$R = (\text{total length (m) of liquid piping} - 10 \text{ m}) \times 0.020$ $R = \text{Additional charge (kg) (rounded in units of 0.01 kg)}$



INFORMATION

Piping length is the one-way length of liquid piping.

6.4 To determine the complete recharge amount



INFORMATION

If a complete recharge is necessary, the total refrigerant charge is: the factory refrigerant charge (see unit name plate) + the determined additional amount.

6.5 To charge additional refrigerant



WARNING

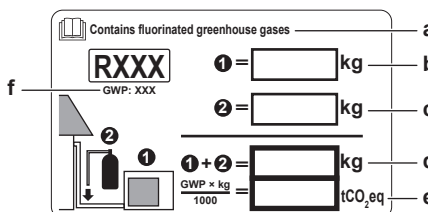
- Only use R32 as refrigerant. Other substances may cause explosions and accidents.
- R32 contains fluorinated greenhouse gases. Its global warming potential (GWP) value is 675. Do NOT vent these gases into the atmosphere.
- When charging refrigerant, ALWAYS use protective gloves and safety glasses.

Prerequisite: Before charging refrigerant, make sure the refrigerant piping is connected and checked (leak test and vacuum drying).

- 1 Connect the refrigerant cylinder to the service port.
- 2 Charge the additional refrigerant amount.
- 3 Open the gas stop valve.

6.6 To fix the fluorinated greenhouse gases label

- 1 Fill in the label as follows:



- a If a multilingual fluorinated greenhouse gases label is delivered with the unit (see accessories), peel off the applicable language and stick it on top of a.
- b Factory refrigerant charge: see unit name plate
- c Additional refrigerant amount charged
- d Total refrigerant charge
- e **Quantity of fluorinated greenhouse gases** of the total refrigerant charge expressed as tonnes CO₂ equivalent.
- f GWP = Global Warming Potential



NOTICE

Applicable legislation on **fluorinated greenhouse gases** requires that the refrigerant charge of the unit is indicated both in weight and CO₂ equivalent.

Formula to calculate the quantity in CO₂ equivalent tonnes: GWP value of the refrigerant × total refrigerant charge [in kg] / 1000

Use the GWP value mentioned on the refrigerant charge label.

- 2 Fix the label on the inside of the outdoor unit near the gas and liquid stop valves.

7 Electrical installation



DANGER: RISK OF ELECTROCUTION


WARNING

- All wiring **MUST** be performed by an authorised electrician and **MUST** comply with the applicable national wiring regulation.
- Make electrical connections to the fixed wiring.
- All components procured on-site and all electrical construction **MUST** comply with the applicable legislation.


WARNING

ALWAYS use multicore cable for power supply cables.


WARNING

Use an all-pole disconnection type breaker with at least 3 mm between the contact point gaps that provides full disconnection under overvoltage category III.


WARNING

If the supply cord is damaged, it **MUST** be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.


WARNING

Do **NOT** connect the power supply to the indoor unit. This could result in electrical shock or fire.


WARNING

- Do **NOT** use locally purchased electrical parts inside the product.
- Do **NOT** branch the power supply for the drain pump, etc. from the terminal block. This could result in electrical shock or fire.


WARNING

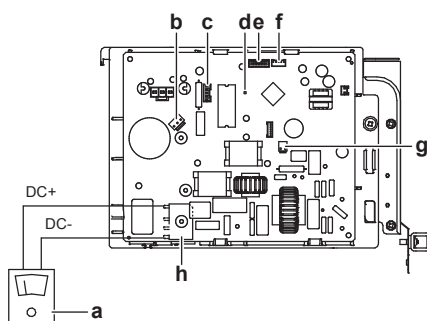
Keep the interconnection wiring away from copper pipes without thermal insulation as such pipes will be very hot.


DANGER: RISK OF ELECTROCUTION

All electrical parts (including thermistors) are powered by the power supply. Do **NOT** touch them with bare hands.


DANGER: RISK OF ELECTROCUTION

Disconnect the power supply for more than 10 minutes, and measure the voltage at the terminals of main circuit capacitors or electrical components before servicing. The voltage **MUST** be less than 50 V DC before you can touch electrical components. For the location of the terminals, see the wiring diagram.



- a Multimeter (DC voltage range)
- b S80 – reversing solenoid valve lead wire
- c S70 – fan motor lead wire
- d LED
- e S90 – thermistor lead wire
- f S20 – electronic expansion valve lead wire
- g S40 – thermal overload relay lead wire
- h DB1 – diode bridge

7.1 Specifications of standard wiring components

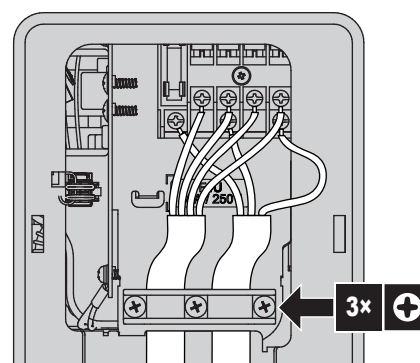
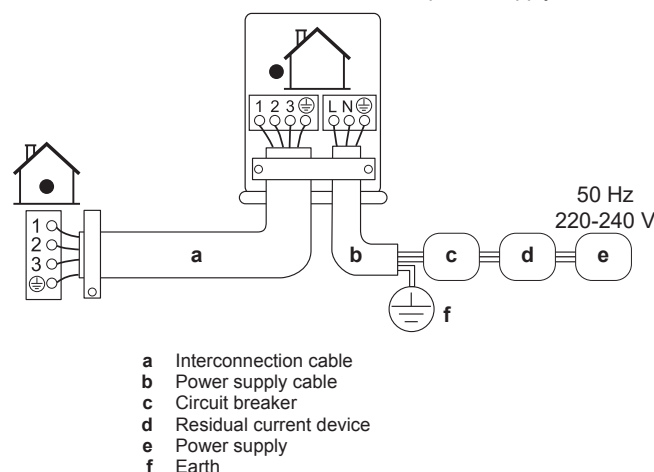

NOTICE

We recommend using solid (single-core) wires. If stranded wires are used, slightly twist the strands to consolidate the end of the conductor for either direct use in the terminal clamp or insertion in a round crimp-style terminal. Details are described in "Guidelines when connecting the electrical wiring" in the installer reference guide.

Component		
Power supply cable	Voltage	220~240 V
	Phase	1~
	Frequency	50 Hz
	Wire sizes	Must comply with applicable legislation
Interconnection cable		Minimum cable section of 2.5 mm ² and applicable for 220~240 V
Recommended field fuse		20 A
Earth leakage circuit breaker		Must comply with applicable legislation

7.2 To connect the electrical wiring to the outdoor unit

- 1 Remove the service cover.
- 2 Open the wire clamp.
- 3 Connect the interconnection cable and power supply as follows:



- 4 Tighten the terminal screws securely. We recommend using a Phillips screwdriver.
- 5 Install the service cover.

8 Finishing the outdoor unit installation

8 Finishing the outdoor unit installation

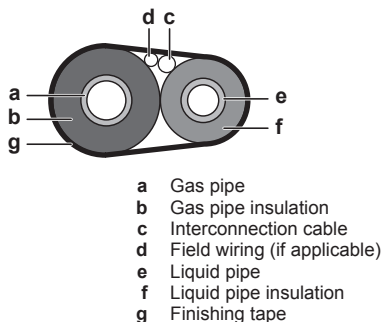
8.1 To finish the outdoor unit installation



DANGER: RISK OF ELECTROCUTION

- Make sure that the system is earthed properly.
- Turn OFF the power supply before servicing.
- Install the switch box cover before turning ON the power supply.

- Insulate and fix the refrigerant piping and cables as follows:



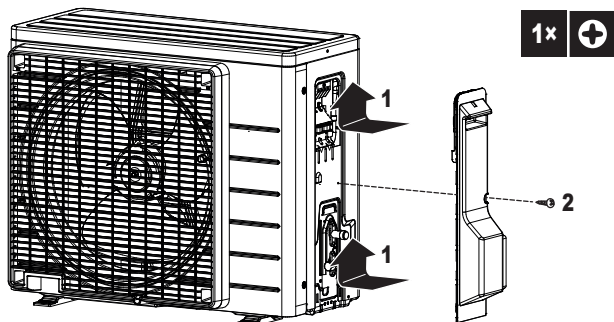
- Install the service cover.

8.2 To close the outdoor unit



NOTICE

When closing the outdoor unit cover, make sure that the tightening torque does NOT exceed 1.3 N•m.



9 Configuration

9.1 Facility setting

Use this function for cooling at low outdoor temperature. This function is designed for facilities such as equipment of computer rooms. NEVER use in a residence or office where people occupy the space.

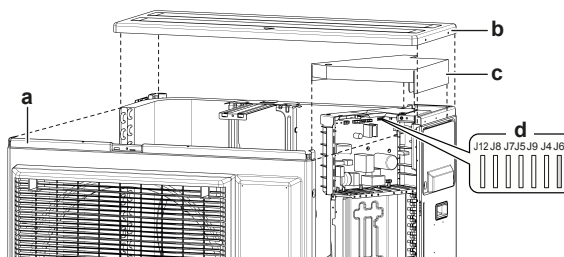
9.1.1 To set the facility mode

When cutting jumper J6 on the PCB, the operation range will expand to -15°C . The facility mode will stop if the outdoor temperature drops below -20°C and resume when the temperature rises again.

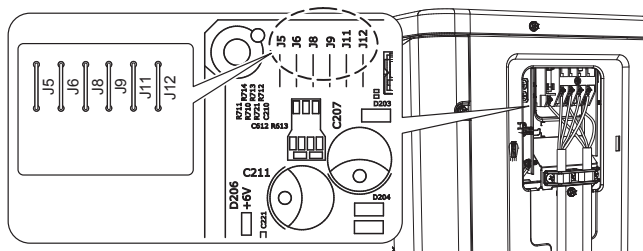
To cut jumper J6

- Remove the top plate of the outdoor unit.
- Remove the front plate.

- Remove the drip proof cover.
- Cut jumper J6 on the outdoor unit PCB.



- a Front plate
- b Top plate
- c Drip proof cover
- d Jumpers



INFORMATION

- The indoor unit may produce Intermittent noise due to the outdoor unit fan turning ON and/or OFF.
- Do NOT place humidifiers or other items which might raise humidity in rooms when you use the facility mode.
- Cutting jumper J6 sets the indoor unit fan to the highest speed.
- Do NOT use this setting in residences or offices with people.

9.2 Standby electricity saving function

9.2.1 About the standby electricity saving function

This mode turns OFF the power supply of the outdoor unit and sets the indoor unit into the standby saving mode to reduce the power consumption of the unit.



INFORMATION

The standby electricity saving can ONLY be used for the units described above.



WARNING

Before connecting or disconnecting the connector, make sure the power supply is turned OFF.



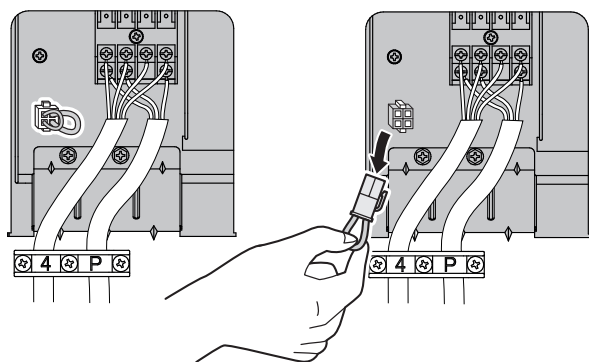
INFORMATION

Selective connector for standby electricity saving is required if other than applicable indoor unit is connected.

9.2.2 To turn ON standby electricity saving function

Prerequisite: The main power supply MUST be turned OFF.

- Remove the service cover.
- Disconnect the selective standby electricity saving connector.



3 Turn ON the main power supply.

10 Commissioning

NOTICE

General commissioning checklist. Next to the commissioning instructions in this chapter, a general commissioning checklist is also available on the Daikin Business Portal (authentication required).

The general commissioning checklist is complementary to the instructions in this chapter and can be used as a guideline and reporting template during commissioning and hand-over to the user.

NOTICE

ALWAYS operate the unit with thermistors and/or pressure sensors/switches. If NOT, burning of the compressor might be the result.

10.1 Checklist before commissioning

- 1 After the installation of the unit, check the items listed below.
- 2 Close the unit.
- 3 Power up the unit.

<input type="checkbox"/>	The indoor unit is properly mounted.
<input type="checkbox"/>	The outdoor unit is properly mounted.
<input type="checkbox"/>	The system is properly earthed and the earth terminals are tightened.
<input type="checkbox"/>	The power supply voltage matches the voltage on the identification label of the unit.
<input type="checkbox"/>	There are NO loose connections or damaged electrical components in the switch box.
<input type="checkbox"/>	There are NO damaged components or squeezed pipes on the inside of the indoor and outdoor units.
<input type="checkbox"/>	There are NO refrigerant leaks .
<input type="checkbox"/>	The refrigerant pipes (gas and liquid) are thermally insulated.
<input type="checkbox"/>	The correct pipe size is installed and the pipes are properly insulated.
<input type="checkbox"/>	The stop valves (gas and liquid) on the outdoor unit are fully open.
<input type="checkbox"/>	The following field wiring has been carried out according to this document and the applicable legislation between the outdoor unit and the indoor unit.
<input type="checkbox"/>	Drainage Make sure drainage flows smoothly. Possible consequence: Condensate water might drip.

<input type="checkbox"/>	The indoor unit receives the signals of the user interface .
<input type="checkbox"/>	The specified wires are used for the interconnection cable .
<input type="checkbox"/>	The fuses, circuit breakers , or locally installed protection devices are installed according to this document, and have NOT been bypassed.

10.2 Checklist during commissioning

<input type="checkbox"/>	To perform an air purge .
<input type="checkbox"/>	To perform a test run .

10.3 To perform a test run

Prerequisite: Power supply MUST be in the specified range.

Prerequisite: Test run may be performed in cooling or heating mode.

Prerequisite: Test run should be performed in accordance with the operation manual of the indoor unit to make sure that all functions and parts are working properly.

- 1 In cooling mode, select the lowest programmable temperature. In heating mode, select the highest programmable temperature. Test run can be disabled if necessary.
- 2 When the test run is finished, set the temperature to a normal level. In cooling mode: 26~28°C, in heating mode: 20~24°C.
- 3 The system stops operating 3 minutes after the unit is turned OFF.






INFORMATION

- Even if the unit is turned OFF, it consumes electricity.
- When the power turns back on after a power break, the previously selected mode will be resumed.

11 Troubleshooting

11.1 Fault diagnosis using LED on outdoor unit PCB

LED is...	Diagnosis
 flashing	Normal. ▪ Check the indoor unit.
 ON	▪ Turn the power OFF and back ON, and check the LED within approximately 3 minutes. If the LED is ON again, the outdoor unit PCB is faulty.
 OFF	1 Supply voltage (for power saving). 2 Power supply fault. 3 Turn the power OFF and back ON, and check the LED within approximately 3 minutes. If the LED is OFF again, the outdoor unit PCB is faulty.



DANGER: RISK OF ELECTROCUTION

- When the unit is NOT operating, the LEDs on the PCB are turned OFF in order to save power.
- Even when the LEDs are OFF, the terminal block and the PCB may be powered.

12 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.

13 Technical data

- A **subset** of the latest technical data is available on the regional Daikin website (publicly accessible).
- The **full set** of latest technical data is available on the Daikin Business Portal (authentication required).

13.1 Wiring diagram

The wiring diagram is delivered with the unit, located inside of the outdoor unit (bottom side of the top plate).

13.1.1 Unified wiring diagram legend

For applied parts and numbering, refer to the wiring diagram on the unit. Part numbering is by Arabic numbers in ascending order for each part and is represented in the overview below by "" in the part code.

Symbol	Meaning	Symbol	Meaning
	Circuit breaker		Protective earth
	Connection		Protective earth (screw)
	Connector		Rectifier
	Earth		Relay connector
	Field wiring		Short-circuit connector
	Fuse		Terminal
	Indoor unit		Terminal strip
	Outdoor unit		Wire clamp
	Residual current device		

Symbol	Colour	Symbol	Colour
BLK	Black	ORG	Orange

Symbol	Colour	Symbol	Colour
BLU	Blue	PNK	Pink
BRN	Brown	PRP, PPL	Purple
GRN	Green	RED	Red
GRY	Grey	WHT	White
SKY BLU	Sky blue	YLW	Yellow

Symbol	Meaning
A*P	Printed circuit board
BS*	Pushbutton ON/OFF, operation switch
BZ, H*O	Buzzer
C*	Capacitor
AC*, CN*, E*, HA*, HE*, HL*, HN*, HR*, MR*_A, MR*_B, S*, U, V, W, X*A, K*R_*, NE	Connection, connector
D*, V*D	Diode
DB*	Diode bridge
DS*	DIP switch
E*H	Heater
FU*, F*U, (for characteristics, refer to PCB inside your unit)	Fuse
FG*	Connector (frame ground)
H*	Harness
H*P, LED*, V*L	Pilot lamp, light emitting diode
HAP	Light emitting diode (service monitor green)
HIGH VOLTAGE	High voltage
IES	Intelligent eye sensor
IPM*	Intelligent power module
K*R, KCR, KFR, KHuR, K*M	Magnetic relay
L	Live
L*	Coil
L*R	Reactor
M*	Stepper motor
M*C	Compressor motor
M*F	Fan motor
M*P	Drain pump motor
M*S	Swing motor
MR*, MRCW*, MRM*, MRN*	Magnetic relay
N	Neutral
n=*, N=*	Number of passes through ferrite core
PAM	Pulse-amplitude modulation
PCB*	Printed circuit board
PM*	Power module
PS	Switching power supply
PTC*	PTC thermistor
Q*	Insulated gate bipolar transistor (IGBT)
Q*C	Circuit breaker
Q*DI, KLM	Earth leak circuit breaker
Q*L	Overload protector
Q*M	Thermo switch
Q*R	Residual current device
R*	Resistor
R*T	Thermistor

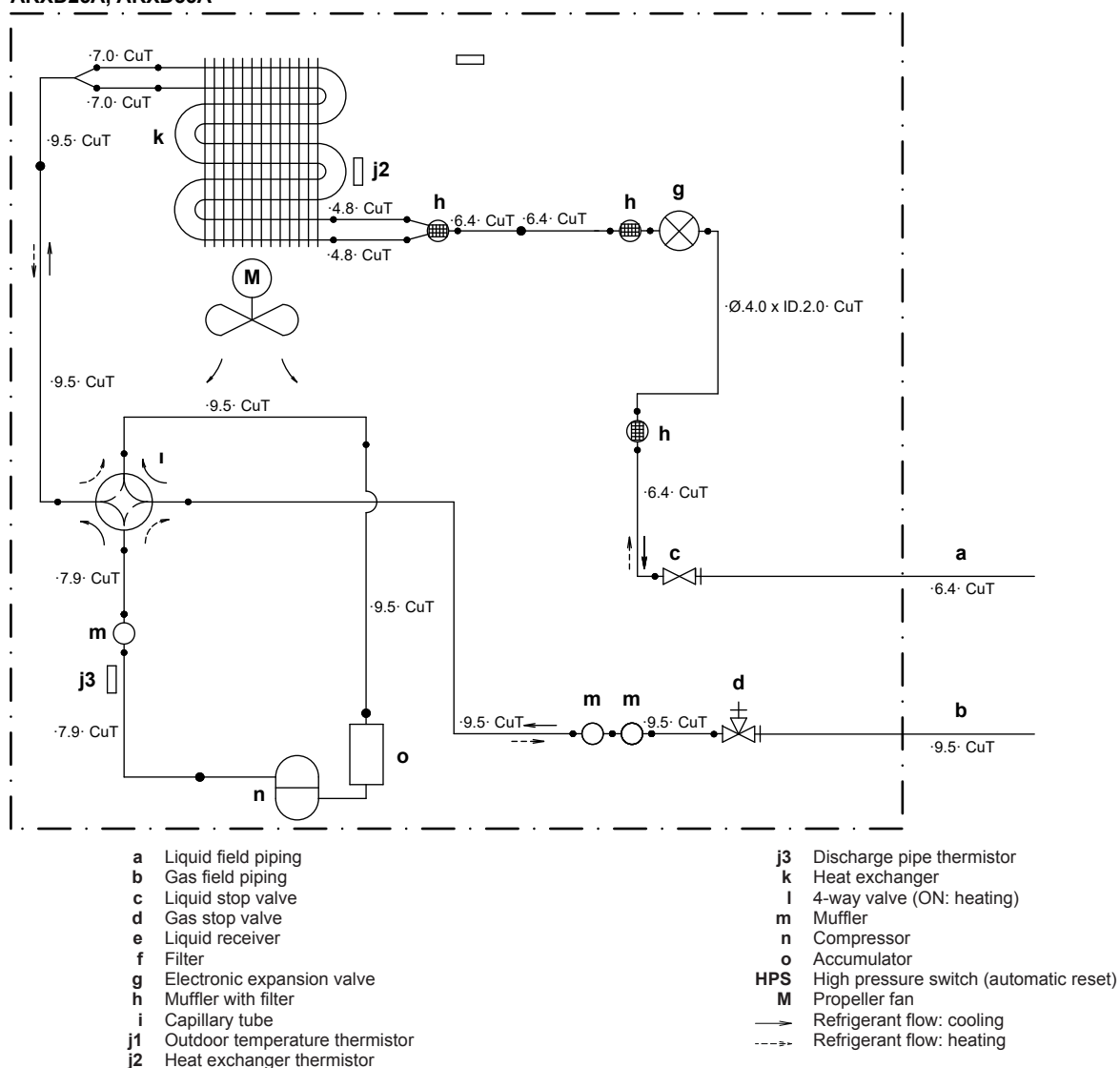
Symbol	Meaning
RC	Receiver
S*C	Limit switch
S*L	Float switch
S*NG	Refrigerant leak detector
S*NPH	Pressure sensor (high)
S*NPL	Pressure sensor (low)
S*PH, HPS*	Pressure switch (high)
S*PL	Pressure switch (low)
S*T	Thermostat
S*RH	Humidity sensor
S*W, SW*	Operation switch
SA*, F1S	Surge arrester
SR*, WLU	Signal receiver
SS*	Selector switch

Symbol	Meaning
SHEET METAL	Terminal strip fixed plate
T*R	Transformer
TC, TRC	Transmitter
V*, R*V	Varistor
V*R	Diode bridge, Insulated-gate bipolar transistor (IGBT) power module
WRC	Wireless remote controller
X*	Terminal
X*M	Terminal strip (block)
Y*E	Electronic expansion valve coil
Y*R, Y*S	Reversing solenoid valve coil
Z*C	Ferrite core
ZF, Z*F	Noise filter

14 Piping diagram

14.1 Piping diagram: Outdoor unit

ARXD25A, ARXD35A



**DAIKIN ISITMA VE SOĞUTMA SİSTEMLERİ SAN.TİC. A.Ş.**

Gülsuyu Mahallesi, Fevzi Çakmak Caddesi, Burçak Sokak, No:20, 34848 Maltepe

İSTANBUL / TÜRKİYE

Tel: 0216 453 27 00

Faks: 0216 671 06 00

Çağrı Merkezi: 444 999 0

Web: www.daikin.com.tr

Copyright 2022 Daikin

DAIKIN EUROPE N.V.

Zandvoordestraat 300, B-8400 Oostende, Belgium

3P650253-15Q 2022.12