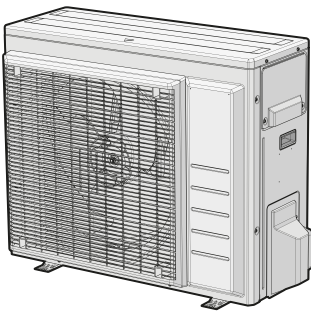




Installation manual

R32 split series



RXF50B2V1B
RXF60B2V1B
RXF71A2V1B

RXP50L2V1B
RXP60L2V1B
RXP71L2V1B

ARXM50N2V1B
RXM42N2V1B
RXM50N2V1B
RXM60N2V1B
RXM71N2V1B

RXJ50N2V1B

RXA42B2V1B
RXA50B2V1B

- CE - DECLARACION DE CONFORMIDAD
- CE - KONFORMITÄTSSERKLÄRUNG
- CE - DICHAHARAZIONE DI CONFORMITÀ
- CE - ДИКЛЭРАЦІЯ СЪПРАСІТВА
- CE - FORSKRÄNING OCH ÖVERENSÄMMELSE

Daikin Industries Czech Republic s.r.o.

- 01 (en) declares under its sole responsibility that the air conditioning models to which this declaration relates
- 02 (en) erklärt auf seine alleinige Verantwortung, daß die Modelle der Klimaanlage für die diese Erklärung bestimmt ist:
- 03 (en) déclare sous sa seule responsabilité que les appareils dont le conditionnement est prévu par la présente déclaration:
- 04 (en) veští za své vlastní odpovědnost, že klimatizační jednotky, které jsou určeny k chlazení, jsou v souladu s touto odpovědností:
- 05 (en) δηλώνει υπό την αποκλειστική του ευθύνη, ότι τα κλιματιστικά μοντέλα που περιλαμβάνονται στην παρούσα δήλωση:
- 06 (en) δηλώνει υπό την αποκλειστική του ευθύνη, ότι τα κλιματιστικά μοντέλα που περιλαμβάνονται στην παρούσα δήλωση:
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- CE - DECLARACIÓN DE CONFORMIDAD
- CE - ÜBERENSÄMMELSE
- CE - SVARELSEREGISTRERING
- CE - DECLARAZIONE DI CONFORMITÀ
- CE - FORSKRÄNING OCH ÖVERENSÄMMELSE

- 09 (en) заявляет, исключительн под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящая заявление:
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- CE - ÜBERENSÄMMELSE
- CE - SVARELSEREGISTRERING
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- CE - ZJAVNA OŠKLABENOSTI
- CE - VASTAVIŠŤAS DEKLARÁCIA
- CE - ÜBERENSÄMMELSE
- CE - SVARELSEREGISTRERING
- CE - DECLARAZIONE DI CONFORMITÀ
- CE - FORSKRÄNING OCH ÖVERENSÄMMELSE

- 17 (en) deklarije na vlastni odgovornosti, da klimatizacijski modeli, na koje se odnosi ova izjava, odgovaraju:
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- CE - ATTIKTES DEKLARACJA
- CE - ÜBERENSÄMMELSE
- CE - SVARELSEREGISTRERING
- CE - DECLARAZIONE DI CONFORMITÀ
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RXP50L2V1B, RXP60L2V1B, RXP71L2V1B, RXP50B2V1B, RXP60B2V1B, RXP71A2V1B,

- 01 (en) are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions:
- 02 (en) der den følgende Nomen) oder einem anderen Normdokument über:
- 03 (en) sont conformes à l'un ou plusieurs des documents suivants:
- 04 (en) conformi ai seguenti standardi o ad altri documenti normativi, purché questi siano utilizzati in conformità alle nostre istruzioni:
- 05 (en) están en conformidad con el(s) siguiente(s) norma(s) o otro(s) documento(s) normativo(s), siempre que sean utilizados de acuerdo con nuestras instrucciones:
- 06 (en) sono conformi all(i) seguente(s) standard(i) o altro(i) documento(i) di carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni:
- 07 (en) эти документы соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям:
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- 10 (en) overdrørligende standard(er) eller andet/andre retningsvise dokument(er), boudst at disse anvendes i henhold til vores instruktioer:
- 11 (en) resp. instruksi atau petunjuk yang terdapat dalam dokumen-dokumen tersebut, dengan ketentuan bahwa dokumen-dokumen tersebut harus digunakan sesuai dengan petunjuk-petunjuk tersebut:
- 12 (en) respektive listy er i overensstemmelse med følgende standard(er) eller andre normerende dokument(er), under forudsætning af at disse bruges i henhold til våre instruktioer:
- 13 (en) vastavaa seavaa standardi ja muuten ohjeellisen dokumentin vaatimissa edellytyksillä, että niitä käytetään ohjeiden mukaisesti:
- 14 (en) za predložku, že jsou využívány v souladu s našimi pokyny, odbornými následujícími normami nebo normativním dokumentem:
- 15 (en) u skladu sa sledećim standardima ili drugim normativnim dokumentima, uz uvjet da se koristi u skladu s našim uputama:
- 16 (en) შესაბამისად აღნიშნულ ნორმატიულ ან სხვა ნორმატიულ დოკუმენტებში, თუ ისინი გამოიყენებულია შესაბამისად აღნიშნულ ინსტრუქციებში:
- 17 (en) соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям:
- 18 (en) direktivet, som er omfattet af de nævnte standarder og andre tekniske dokumenter:
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- 25 (en) direktiv, som er omfattet af de nævnte standarder og andre tekniske dokumenter:

EN60335-2-40,

- 01 (en) following the provisions of:
- 02 (en) gemäß den Vorschriften der:
- 03 (en) conformément aux stipulations des:
- 04 (en) overenskomst de betingelser de:
- 05 (en) suomen las. sijaosson de:
- 06 (en) secondo le prescrizioni per:
- 07 (en) по условиям применения:
- 08 (en) в соответствии с положениями:
- 09 (en) i henhold til de nævnte standarder og andre tekniske dokumenter:
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1 About the documentation

1.1 About this document



INFORMATION

Make sure that the user has the printed documentation and ask him/her to keep it for future reference.

Target audience

Authorised installers

Documentation set

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

Installation manual

- **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 <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.

Technical engineering data

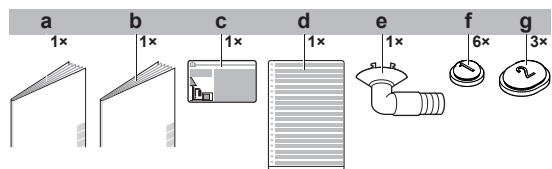
- A **subset** of the latest technical data is available on the regional Daikin website (publicly accessible).
- The **full set** of latest technical data is available on the Daikin extranet (authentication required).

2 About the box

2.1 Outdoor unit

2.1.1 To remove the accessories from the outdoor unit

- 1 Lift the outdoor unit.
- 2 Remove the accessories at the bottom of the package.



- 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 Drain cap (1)
- g Drain cap (2)

3 Preparation

3.1 Preparing the installation site

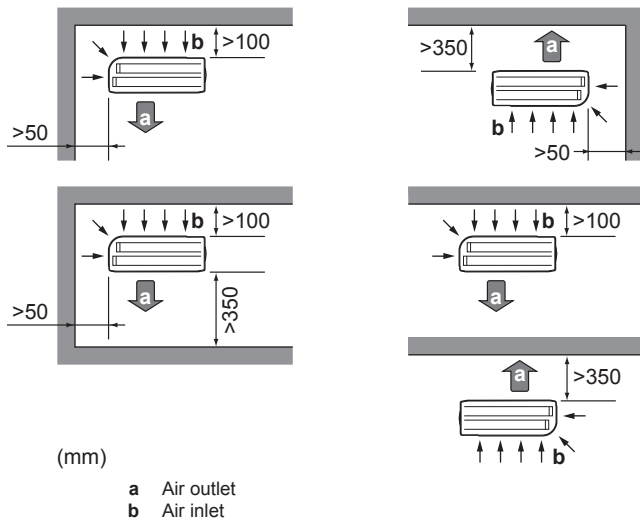


WARNING

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).

3.1.1 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.

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.

3.2 Preparing refrigerant piping

3.2.1 Refrigerant piping length and height difference

What?	Distance
Maximum allowable pipe length	30 m
Minimum allowable pipe length	3 m
Maximum allowable height distance	20 m

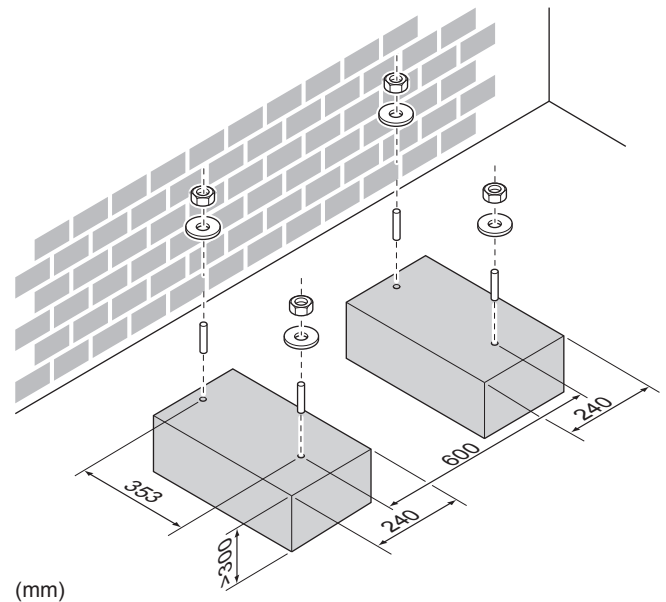
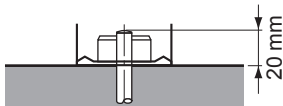
4 Installation

4.1 Mounting the outdoor unit

4.1.1 To provide the installation structure

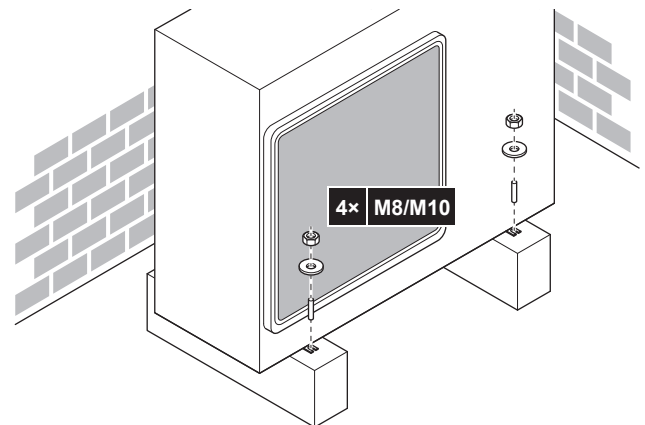
Use a vibration-proof rubber (field supply) in cases where vibrations may be transmitted to the building.

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



In any case, provide at least 300 mm of free space below the unit. Additionally, make sure the unit is positioned at least 100 mm above the maximum expected level of snow. In this case, it is recommended to construct a pedestal.

4.1.2 To install the outdoor unit



4.1.3 To provide drainage



NOTICE

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



INFORMATION

For information on the available options, contact your dealer.

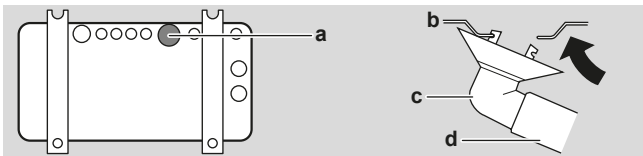


NOTICE

Provide at least 300 mm of free space below the unit. Additionally, make sure the unit is positioned at least 100 mm above the expected level of snow.

- 1 Use a drain plug for drainage.
- 2 Use a $\varnothing 16$ mm hose (field supply).

4 Installation



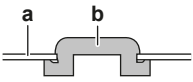
- a Drain port
- b Bottom frame
- c Drain plug
- d Hose (field supply)

To close the drain holes and attach the drain socket

NOTICE

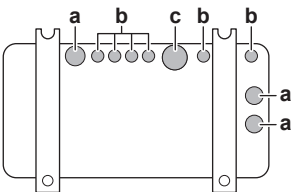
In cold areas, do NOT use a drain socket, hose and caps (1, 2) with the outdoor unit. Take adequate measures so that the evacuated condensate CANNOT freeze.

- 1 Install drain caps 1 and 2 (accessory). Make sure the edges of the drain caps close off the holes completely.



- a Bottom frame
- b Drain cap

- 2 Install the drain socket.



- a Drain hole. Install a drain cap (2).
- b Drain hole. Install a drain cap (1).
- c Drain hole for drain socket

4.2 Connecting the refrigerant piping



DANGER: RISK OF BURNING

4.2.1 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

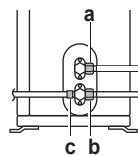
Connect the refrigerant piping securely before running the compressor. If the refrigerant piping is NOT connected and the stop valve is open when the compressor is run, air will be sucked in. This will cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.



CAUTION

- Use the flare nut fixed to the unit.
- To prevent gas leakage, apply refrigeration oil only to the inside of the flare. Use refrigeration oil for R32.
- Do NOT reuse joints.

- 1 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

- 2 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.

4.3 Checking the refrigerant piping

4.3.1 To check for leaks



NOTICE

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



NOTICE

Make sure to use a recommended bubble test solution from your wholesaler. Do not use soap water, which may cause cracking of flare nuts (soap water may contain salt, which absorbs moisture that will freeze when the piping gets cold), and/or lead to corrosion of flared joints (soap water may contain ammonia which causes a corrosive effect between the brass flare nut and the copper flare).

- 1 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.
- 2 Check for leaks by applying the bubble test solution to all connections.
- 3 Discharge all nitrogen gas.

4.3.2 To perform vacuum drying



DANGER: RISK OF EXPLOSION

Do NOT start the unit if it is vacuumed.

- 1 Vacuum the system until the pressure on the manifold indicates -0.1 MPa (-1 bar).
- 2 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.

- 3 Vacuum the system for at least 2 hours to a manifold pressure of -0.1 MPa (-1 bar).
- 4 After turning the pump OFF, check the pressure for at least 1 hour.
- 5 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.

4.4 Charging refrigerant

4.4.1 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:

- 1 Determining if and how much you have to charge additionally.
- 2 If necessary, charging additional refrigerant.
- 3 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:

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

**NOTICE**

Before completely recharging, perform vacuum drying on the outdoor unit's **internal** refrigerant piping as well.

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

- 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.

4.4.2 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

**WARNING: FLAMMABLE MATERIAL**

The refrigerant inside this unit is mildly flammable.

**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**

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.

4.4.3 To determine the additional refrigerant amount

If the total liquid piping length is...	Then...
≤10 m	Do NOT add additional refrigerant.
>10 m	$R = (\text{total length (m) of liquid piping} - 10 \text{ m}) \times 0.020$ $R = \text{Additional charge (kg) (rounded in units of 0.1 kg)}$

**INFORMATION**

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

4.4.4 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.

4.4.5 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.

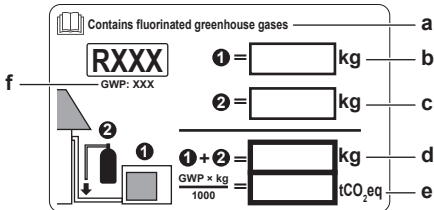
Prerequisite: Before charging refrigerant, make sure the refrigerant piping is connected and checked (leak test and vacuum drying).

4 Installation

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

4.4.6 To fix the fluorinated greenhouse gases label

- 1 Fill in the label as follows:



- 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**.
- Factory refrigerant charge: see unit name plate
- Additional refrigerant amount charged
- Total refrigerant charge
- Greenhouse gas emissions** of the total refrigerant charge expressed as tonnes CO₂ equivalent
- GWP = Global warming potential



NOTICE

In Europe, the **greenhouse gas emissions** of the total refrigerant charge in the system (expressed as tonnes CO₂ equivalent) is used to determine the maintenance intervals. Follow the applicable legislation.

Formula to calculate the greenhouse gas emissions:
GWP value of the refrigerant × Total refrigerant charge [in kg] / 1000

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

4.5 Connecting the electrical wiring



DANGER: RISK OF ELECTROCUTION



WARNING

- All wiring **MUST** be performed by an authorised electrician and **MUST** comply with the applicable legislation.
- 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 provide 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.



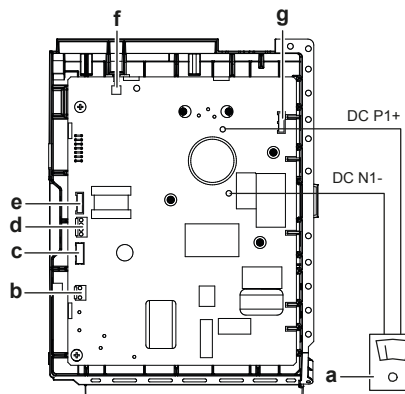
DANGER: RISK OF ELECTROCUTION

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.



- Multimeter (DC voltage range)
- S80 – reversing solenoid valve lead wire
- S20 – electronic expansion valve lead wire
- S40 – thermal overload relay lead wire
- S90 – thermistor lead wire
- LED
- S70 – fan motor lead wire

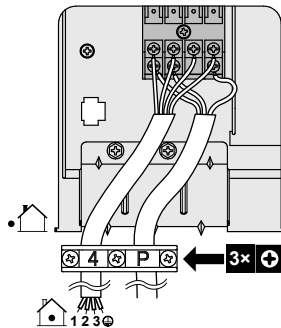
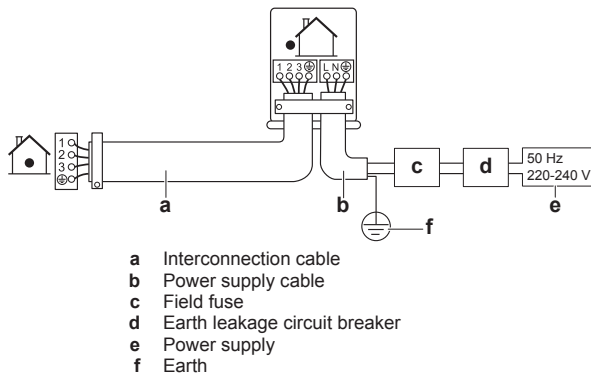
4.5.1 Specifications of standard wiring components

Component	RXM71N	Other
Power supply cable	Voltage	220~240 V
	Phase	1~
	Frequency	50 Hz
	Wire sizes	3-core cable 2.5mm ² ~4.0mm ² H05RN-F (60245 IEC 57)
Interconnection cable (indoor↔outdoor)	4-core cable 1.5mm ² ~2.5mm ² and applicable for 220~240V H05RN-F (60245 IEC 57)	
Recommended field fuse	20 A	16 A
Earth leakage circuit breaker	MUST comply with applicable legislation	

4.5.2 To connect the electrical wiring on the outdoor unit

- 1 Remove the switch box cover.

- Open the wire clamp.
- Connect the interconnection cable and power supply as follows:



- Tighten the terminal screws securely. We recommend using a Phillips screwdriver.
- Install the switch box cover.

4.6 Finishing the outdoor unit installation

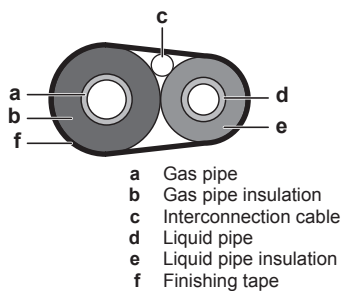
4.6.1 To finish the outdoor unit installation



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 interconnection cable as follows:



- Install the service cover.

5 Commissioning



NOTICE

NEVER operate the unit without thermistors and/or pressure sensors/switches. Burning of the compressor might result.

5.1 Checklist before commissioning

After the installation of the unit, first check the following items. Once all below checks are fulfilled, the unit **MUST** be closed, **ONLY** then can the unit be powered up.

<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 fuses or locally installed protection devices are installed according to this document, and have NOT been bypassed.
<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 .

5.2 Checklist during commissioning

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

5.3 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.

- In cooling mode, select the lowest programmable temperature. In heating mode, select the highest programmable temperature. Test run can be disabled if necessary.
- 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.
- The system stops operating 3 minutes after the unit is turned OFF.

6 Troubleshooting






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.

6 Troubleshooting

6.1 Fault diagnosis using LED on outdoor unit PCB

LED is...	Diagnosis
 flashing	Normal. <ul style="list-style-type: none">▪ Check the indoor unit.
 ON	<ul style="list-style-type: none">▪ 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	<ol style="list-style-type: none">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 ON 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.

7 Disposal



NOTICE





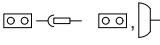











Do NOT try to dismantle the system yourself: dismantling of the system, treatment of the refrigerant, oil and other parts MUST comply with applicable legislation. Units MUST be treated at a specialised treatment facility for reuse, recycling and recovery.

8 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 extranet (authentication required).

8.1 Wiring diagram

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

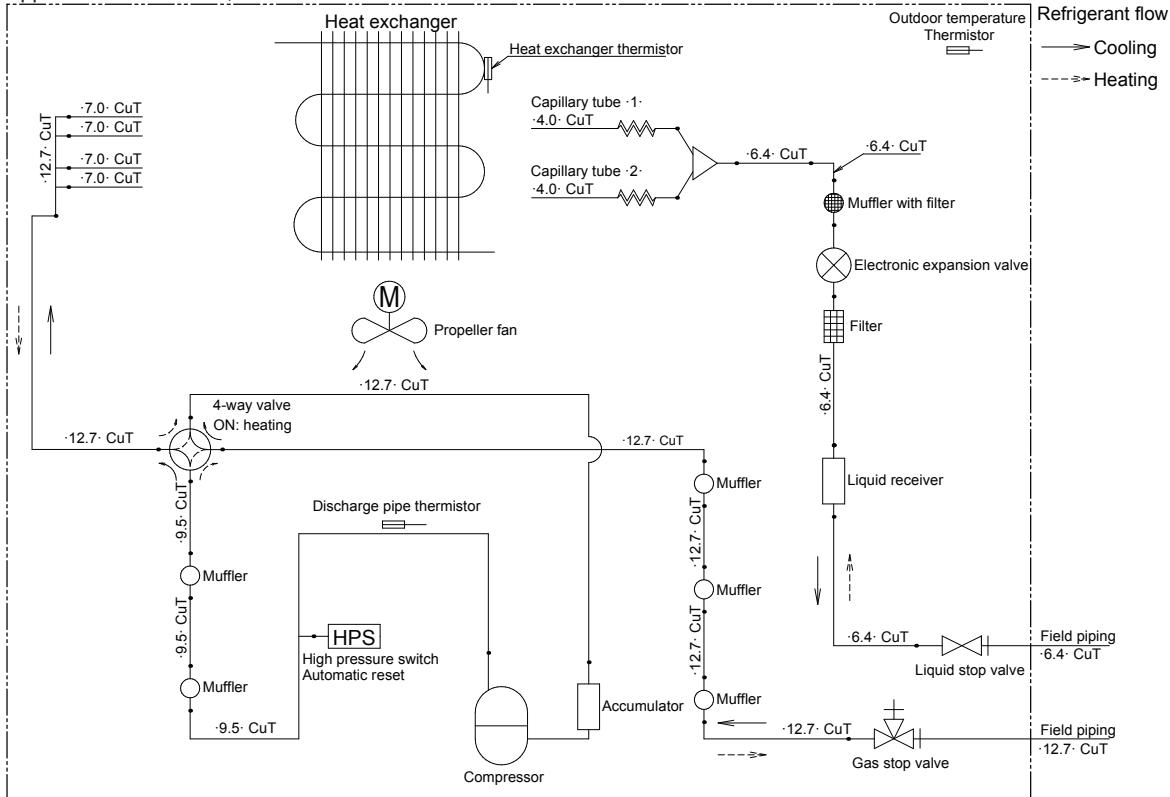
Unified Wiring Diagram Legend			
For applied parts and numbering, refer to the wiring diagram on the unit. Part numbering is by Arabic numbers in ascending order for each part and is represented in the overview below by symbol "***" in the part code.			
	: CIRCUIT BREAKER		: PROTECTIVE EARTH
	: CONNECTION		: PROTECTIVE EARTH (SCREW)
	: CONNECTOR		: RECTIFIER
	: EARTH		: RELAY CONNECTOR
	: FIELD WIRING		: SHORT-CIRCUIT CONNECTOR
	: FUSE		: TERMINAL
	: INDOOR UNIT		: TERMINAL STRIP
	: OUTDOOR UNIT		: WIRE CLAMP
BLK : BLACK	GRN : GREEN	PNK : PINK	WHT : WHITE
BLU : BLUE	GRY : GREY	PRP, PPL : PURPLE	YLW : YELLOW
BRN : BROWN	ORG : ORANGE	RED : RED	
A*P	: PRINTED CIRCUIT BOARD	PS	: SWITCHING POWER SUPPLY
BS*	: PUSHBUTTON ON/OFF, OPERATION SWITCH	PTC*	: THERMISTOR PTC
BZ, H*O	: BUZZER	Q*	: INSULATED GATE BIPOLAR TRANSISTOR (IGBT)
C*	: CAPACITOR	Q*DI	: EARTH LEAK CIRCUIT BREAKER
AC*, CN*, E*, HA*, HE*, HL*, HN*, HR*, MR*_A, MR*_B, S*, U, V, W, X*A, K*R_*	: CONNECTION, CONNECTOR	Q*L	: OVERLOAD PROTECTOR
D*, V*D	: DIODE	Q*M	: THERMO SWITCH
DB*	: DIODE BRIDGE	R*	: RESISTOR
DS*	: DIP SWITCH	R*T	: THERMISTOR
E*H	: HEATER	RC	: RECEIVER
F*U, FU* (FOR CHARACTERISTICS, REFER TO PCB INSIDE YOUR UNIT)	: FUSE	S*C	: LIMIT SWITCH
FG*	: CONNECTOR (FRAME GROUND)	S*L	: FLOAT SWITCH
H*	: HARNESS	S*NPH	: PRESSURE SENSOR (HIGH)
H*P, LED*, V*L	: PILOT LAMP, LIGHT EMITTING DIODE	S*NPL	: PRESSURE SENSOR (LOW)
HAP	: LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	S*PH, HPS*	: PRESSURE SWITCH (HIGH)
HIGH VOLTAGE	: HIGH VOLTAGE	S*PL	: PRESSURE SWITCH (LOW)
IES	: INTELLIGENT EYE SENSOR	S*T	: THERMOSTAT
IPM*	: INTELLIGENT POWER MODULE	S*RH	: HUMIDITY SENSOR
K*R, KCR, KFR, KHuR, K*M	: MAGNETIC RELAY	S*W, SW*	: OPERATION SWITCH
L	: LIVE	SA*, F1S	: SURGE ARRESTOR
L*	: COIL	SR*, WLU	: SIGNAL RECEIVER
L*R	: REACTOR	SS*	: SELECTOR SWITCH
M*	: STEPPER MOTOR	SHEET METAL	: TERMINAL STRIP FIXED PLATE
M*C	: COMPRESSOR MOTOR	T*R	: TRANSFORMER
M*F	: FAN MOTOR	TC, TRC	: TRANSMITTER
M*P	: DRAIN PUMP MOTOR	V*, R*V	: VARISTOR
M*S	: SWING MOTOR	V*R	: DIODE BRIDGE
MR*, MRCW*, MRM*, MRN*	: MAGNETIC RELAY	WRC	: WIRELESS REMOTE CONTROLLER
N	: NEUTRAL	X*	: TERMINAL
n=*, N=*	: NUMBER OF PASSES THROUGH FERRITE CORE	X*M	: TERMINAL STRIP (BLOCK)
PAM	: PULSE-AMPLITUDE MODULATION	Y*E	: ELECTRONIC EXPANSION VALVE COIL
PCB*	: PRINTED CIRCUIT BOARD	Y*R, Y*S	: REVERSING SOLENOID VALVE COIL
PM*	: POWER MODULE	Z*C	: FERRITE CORE
		ZF, Z*F	: NOISE FILTER

8 Technical data

8.2 Piping diagram

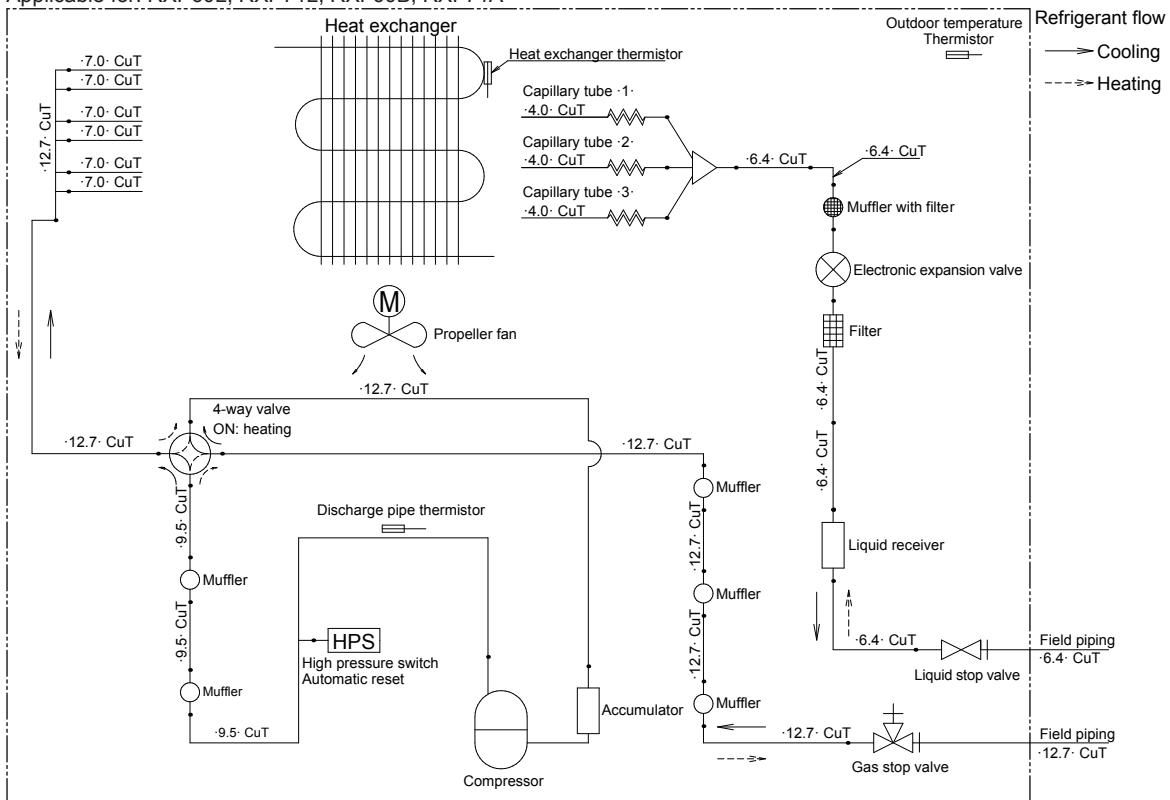
8.2.1 Piping diagram: Outdoor unit

Applicable for: RXP50L, RXF50B



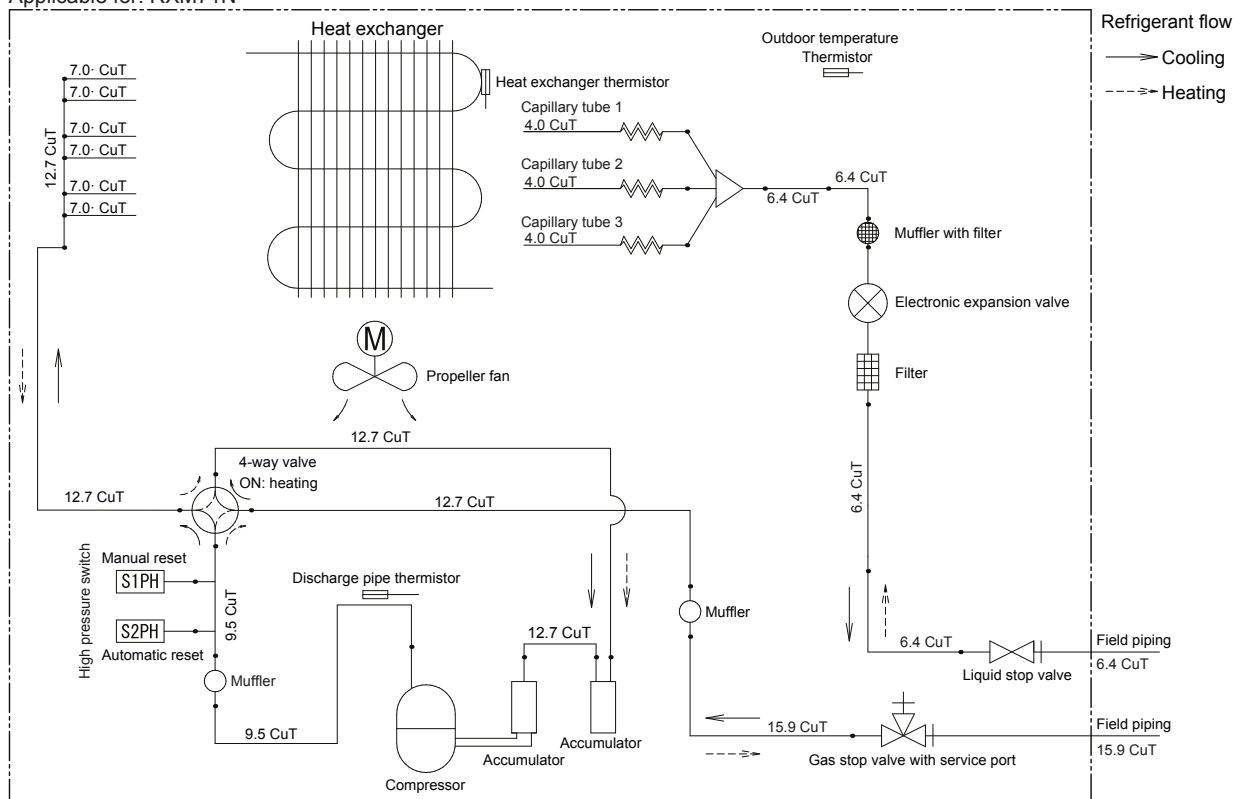
PED categories of equipment – High pressure switch: category IV; Compressor: category II; Other equipment: art. 4§3.

Applicable for: RXP60L, RXP71L, RXF60B, RXF71A



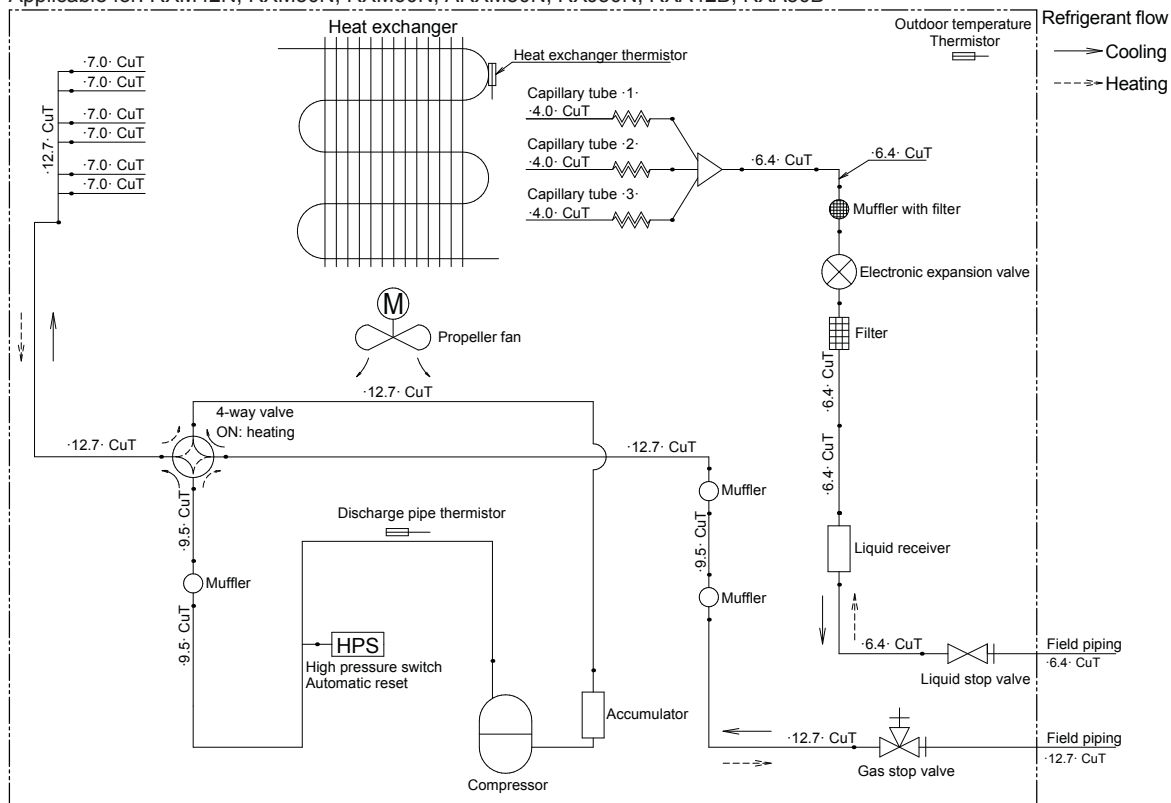
PED categories of equipment – High pressure switch: category IV; Compressor: category II; Other equipment: art. 4§3.

Applicable for: RXM71N



PED categories of equipment – High pressure switch: category IV; Compressor: category II; Other equipment: art. 4§3.

Applicable for: RXM42N, RXM50N, RXM60N, ARXM50N, RXJ50N, RXA42B, RXA50B



PED categories of equipment – High pressure switch: category IV; Compressor: category II; Other equipment: art. 4§3.

ERC



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3P512025-5E 2018.05