



INSTALLATION MANUAL

Split System air conditioners

R200F7W1
R250F7W1
RY200F7W1
RY250F7W1

Daikin Europe N.V.

declares under its sole responsibility that the air conditioning models to which this declaration relates:
erklärt auf seine alleinige Verantwortung daß die Modelle der Klimageräte für die diese Erklärung bestimmt ist:
déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration:

verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft:
declara baja su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración:
dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione:

δηλώνει με αποκλειστική της ευθύνη ότι τα μοντέλα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση:
declara sob sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere:
erklærer under eneansvar, at klimaanlægmodellerne, som denne deklaration vedrører:

deklarerer i egenskap av huvudansvarig, att luftkonditioneringsmodellerna som berörs av denna deklaration innebär att:
erklærer et fullstendig ansvar for at de luftkondisjoneringsmodeller som berøres av denne deklarasjon innebærer at:
ilmoittaa yksinomaan omalla vastuullaan, että tämän ilmoituksen tarkoitamat ilmastointilaitteiden mallit:

R200F7W1, R250F7W1,
RY200F7W1, RY250F7W1,

are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions:
der/den folgenden Norm(en) oder einem anderen Normdokument oder -dokumenten entspricht/entsprechen, unter der Voraussetzung, daß sie gemäß unseren Anweisungen eingesetzt werden:
sont conformes à la/aux norme(s) ou autre(s) document(s) normatif(s), pour autant qu'ils soient utilisés conformément à nos instructions:

conform de volgende norm(en) of één of meer andere bindende documenten zijn, op voorwaarde dat ze worden gebruikt overeenkomstig onze instructies:
están en conformidad con la(s) siguiente(s) norma(s) u otro(s) documento(s) normativo(s), siempre que sean utilizados de acuerdo con nuestras instrucciones:
sono conformi al(i) seguente(i) standard(s) o altro(i) documento(i) a carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni:

είναι σύμφωνα με το(α) ακόλουθο(α) πρότυπο(α) ή άλλο έγγραφο(α) κανονισμών, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας:
estão em conformidade com a(s) seguinte(s) norma(s) ou outro(s) documento(s) normativo(s), desde que estes sejam utilizados de acordo com as nossas instruções:
overholder følgende standard(er) eller andet/andre retningsgivende dokument(er), forudsat at disse anvendes i henhold til vore instrukser:

respektive utrustning är utförd i överensstämmelse med och följer följande standard(er) eller andra normgivande dokument, under förutsättning att användning sker i överensstämmelse med våra instruktioner :
respektive utstyr er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er), under forutsetning av at disse brukes i henhold til våre instrukser:
vastaavat seuraavien standardien ja muiden ohjeellisten dokumenttien vaatimuksia edellyttäen, että niitä käytetään ohjeidemme mukaisesti:

EN60335-2-40,

following the provisions of:
gemäß den Vorschriften der:
conformément aux stipulations des:

overeenkomstig de bepalingen van:
siguiendo las disposiciones de:
secondo le prescrizioni per:

με τήρηση των διατάξεων των:
de acordo com o previsto em:
under iagttagelse af bestemmelserne i:

enligt villkoren i:
gjitt i henhold til bestemmelsene i:
noudattaen määräyksiä:

Directives, as amended.
Direktiven, gemäß Änderung.
Directives, telles que modifiées.

Richtlijnen, zoals geamendeerd.
Directivas, según lo enmendado.
Direttive, come da modifica.

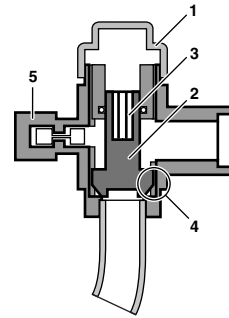
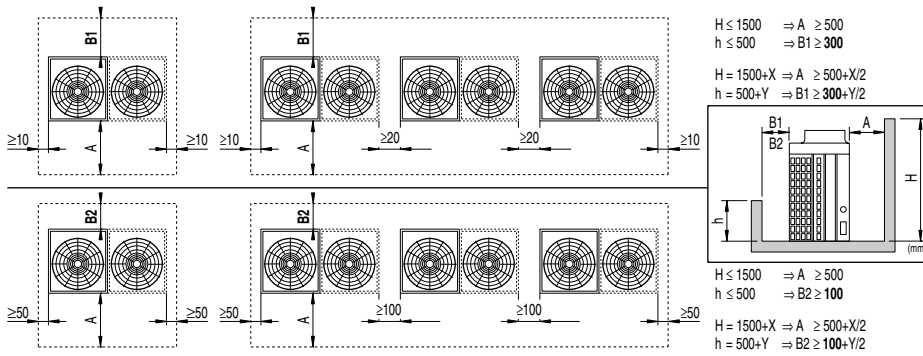
Οδηγιών, όπως έχουν τροποποιηθεί.
Directivas, conforme alteração em.
Direktiver, med senere ændringer.

Direktiv, med företagna ändringar.
Direktiver, med foretatte endringer.
Direktiivejä, sellaisina kuin ne ovat muutettuina.

Low Voltage 73/23/EEC
Machinery Safety 89/392/EEC
Electromagnetic Compatibility 89/336/EEC *

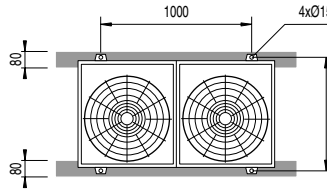
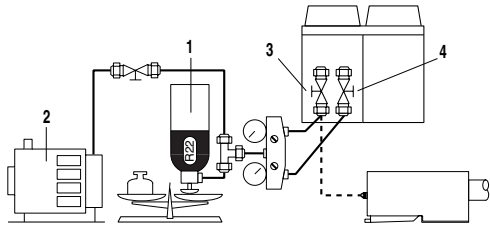
| | |
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| * Note | as set out in the Technical Construction File DAIKIN.TCF.004 and judged positively by KEMA according to the Certificate 59277-KRQ/ECM95-4233 . |
| Hinweis | wie in der Technischen Konstruktionsakte DAIKIN.TCF.004 aufgeführt und von KEMA positiv ausgezeichnet gemäß Zertifikat 59277-KRQ/ECM95-4233 . |
| Remarque | tel que stipulé dans le Fichier de Construction Technique DAIKIN.TCF.004 et jugé positivement par KEMA conformément au Certificat 59277-KRQ/ECM95-4233 . |
| Bemerk | zoals vermeld in het Technisch Constructiedossier DAIKIN.TCF.004 en in orde bevonden door KEMA overeenkomstig Certificaat 59277-KRQ/ECM95-4233 . |
| Nota | tal como se expone en el Archivo de Construcción Técnica DAIKIN.TCF.004 y juzgado positivamente por KEMA según el Certificado 59277-KRQ/ECM95-4233 . |
| Nota | delineato nel File Tecnico di Costruzione DAIKIN.TCF.004 e giudicato positivamente da KEMA secondo il Certificato 59277-KRQ/ECM95-4233 . |
| Σημείωση | όπως προσδιορίζεται στο Αρχείο Τεχνικής Κατασκευής DAIKIN.TCF.004 και κρίνεται θετικά από το KEMA σύμφωνα με το Πιστοποιητικό 59277-KRQ/ECM95-4233 . |
| Nota | tal como estabelecido no Ficheiro Técnico de Construção DAIKIN.TCF.004 e com o parecer positivo de KEMA de acordo com o Certificado 59277-KRQ/ECM95-4233 . |
| Bemærk | som anført i den Tekniske Konstruktionsfil DAIKIN.TCF.004 og positivt vurderet af KEMA i henhold til Certifikat 59277-KRQ/ECM95-4233 . |
| Information | utrustningen är utförd i enlighet med den Tekniska Konstruktionsfilen DAIKIN.TCF.004 som positivt intygas av KEMA vilket också framgår av Certifikat 59277-KRQ/ECM95-4233 . |
| Merk | som det fremkommer i den Tekniske Konstruktionsfilen DAIKIN.TCF.004 og gjennom positiv bedømmelse av KEMA ifølge Sertifikat 59277-KRQ/ECM95-4233 . |
| Huom | jotka on esitetty Teknisessä Asiakirjassa DAIKIN.TCF.004 ja jotka KEMA on hyväksynyt Sertifikaatin 59277-KRQ/ECM95-4233 mukaisesti. |





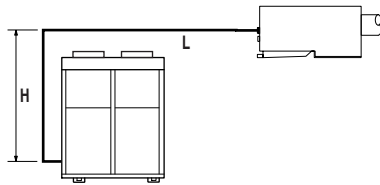
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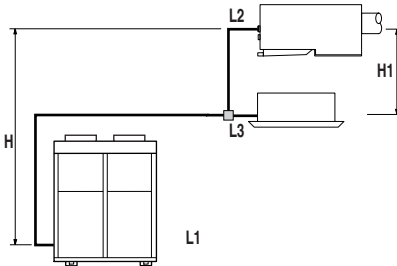
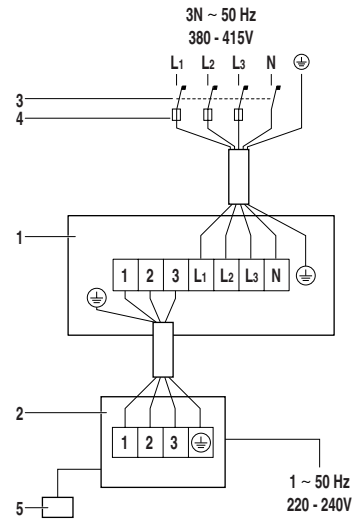


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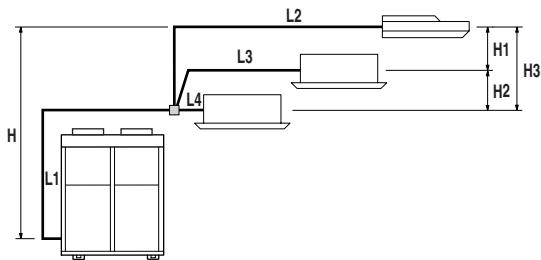


5A

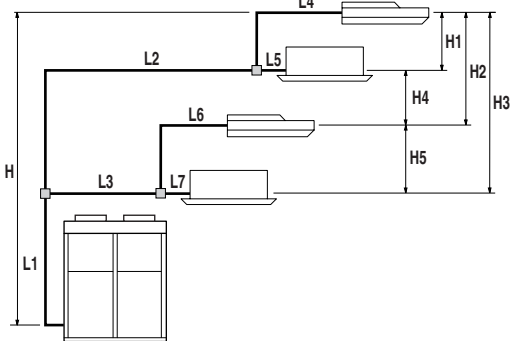
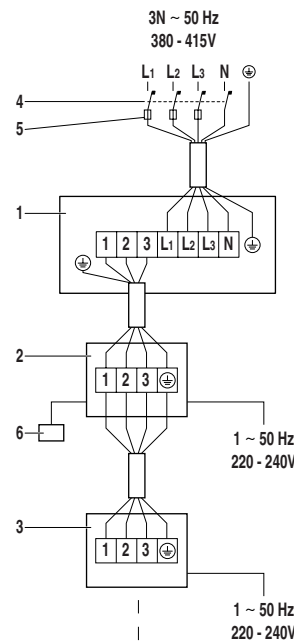


5B

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5C



5D

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READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.
KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.
IMPROPER INSTALLATION OR ATTACHMENT OF EQUIPMENT OR ACCESSORIES
COULD RESULT IN ELECTRIC SHOCK, SHORT-CIRCUIT, LEAKS, FIRE OR OTHER
DAMAGE TO THE EQUIPMENT. BE SURE ONLY TO USE ACCESSORIES MADE BY
DAIKIN WHICH ARE SPECIFICALLY DESIGNED FOR USE WITH THE EQUIPMENT
AND HAVE THEM INSTALLED BY A PROFESSIONAL.
IF UNSURE OF INSTALLATION PROCEDURES OR USE, ALWAYS CONTACT YOUR
DAIKIN DEALER FOR ADVICE AND INFORMATION.

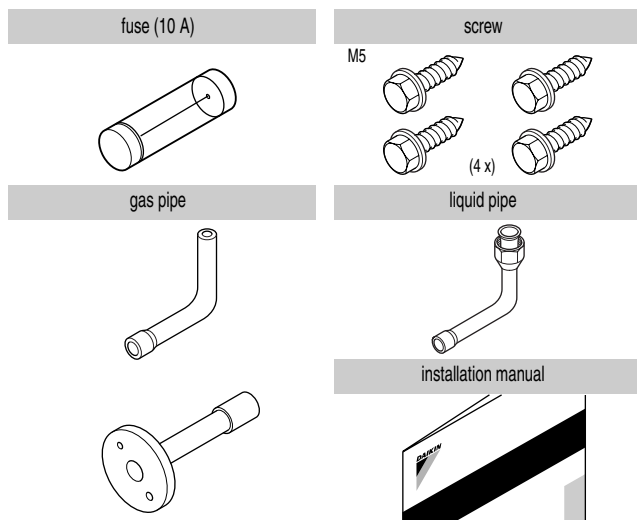
BEFORE INSTALLATION

PRECAUTIONS

- For installation of the indoor unit(s), refer to the indoor unit installation manual.
- This outdoor unit requires the pipe branching kit (optional) when used as the outdoor unit for the simultaneous operation system. Refer to catalogs, etc. for details.
- Be sure to confirm the model name and the serial no. of the outer (front) plates when attaching/detaching the plates to avoid mistakes.
- When closing the service panels, take care that the tightening torque does not exceed 4.1 Nm.

ACCESSORIES

Check if the following accessories are included with your unit.

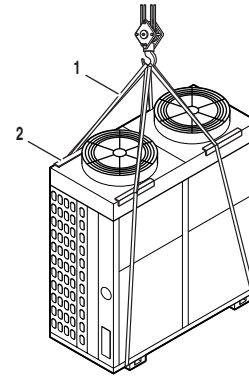


INSPECTING AND HANDLING THE UNIT

The units are packed in a wooden crate and attached on a wooden pallet.

At delivery, the package should be checked and any damage should be reported immediately to the carrier claims agent.

When handling the unit, take into account the following:



1. Fragile, handle the unit with care.
 Keep the unit upright in order to avoid compressor damage.
2. Lift the unit preferably with a crane and 2 belts (1) of at least 8 m long.
3. When lifting the unit with a crane, always use protectors (2) to prevent belt damage and pay attention to the position of the unit's centre of gravity.
4. Bring the unit as close to its final installation position in its original package to prevent damage during transport.

UNPACKING AND PLACING THE UNIT

1. Remove the wooden crate from the unit.
 2. Remove the four screws fixing the unit to the pallet.
 3. The unit must be installed on a solid longitudinal foundation (steelbeam frame or concrete) as indicated in figure 4.
- Note** Maximum height of the foundation is 150 mm.
4. Lift the unit from the pallet and place it on its installation position.
 5. Fasten the unit in place using four anchor bolts M12.

Caution

1. Prepare a water drainage channel around the foundation to drain waste water from around the unit.
2. If the unit is to be installed on a roof, check the strength of the roof and its drainage facilities first.
3. If the unit is to be installed on a frame, install the waterproofing board within a distance of 150 mm under the unit in order to prevent infiltration of water coming from under the unit.

SELECTION OF LOCATION

Select an installation site where the following conditions are satisfied and that meets with your customer's approval.

1. Places which are well-ventilated.
2. Places where the indoor and outdoor units' piping and wiring lengths come within the allowable ranges.
3. The foundation is strong enough to support the weight of the unit and the floor is flat to prevent vibration and noise generation.

4. The space around the unit is adequate for servicing and the minimum space for air inlet and air outlet is available. (Refer to figure 1 and choose one of both possibilities.)
5. There is no danger of fire due to leakage of flammable gas.
6. Ensure that water cannot cause any damage to the location in case it drips out the unit (e.g. in case of a blocked drain pipe).
7. Select the location of the unit in such a way that neither the discharged air nor the sound generated by the unit disturb anyone.

PRECAUTIONS

Do not install or operate the unit in sites mentioned below.

- Where mineral oil like cutting oil is present;
- Where the air contains high levels of salt;
- Where sulphurous gas exists such as at areas with hot springs;
- Where voltage fluctuates a lot;
- In vehicles or vessels;
- Where high concentrations of oil vapour or spray are present;
- Where machines generating excessive electromagnetic waves are installed;
- Where acidic or alkaline vapour is present.



Caution

In heavy snowfall areas, select an installation site where snow will not affect operation of the unit.

REFRIGERANT PIPING



All field piping must be installed by a licensed refrigeration technician and must comply with relevant local and national regulations.

REFRIGERANT PIPE SIZE AND ALLOWABLE PIPE LENGTH

Refrigerant pipe size

1. Pair system (Refer to figure 5A)

| | Refrigerant pipe size | |
|---------|-----------------------|--------|
| | Gas | Liquid |
| R(Y)200 | Ø25.4 | Ø12.7 |
| R(Y)250 | Ø28.6 | Ø15.9 |

2. Simultaneous operation system

- Twin and Triple operation system (Refer to figure 5B and 5C)



Caution

The pipes between the outdoor unit and the branch □ should have the same size as the outdoor connections.

The pipes between the branch □ and the indoor units should have the same size as the indoor connections.

- Double twin operation system (Refer to figure 5D)

| | Refrigerant pipe size | | | | | |
|---------|-----------------------|--------|---------|--------|-------------------|--------|
| | L1 | | L2 - L3 | | L4 - L5 - L6 - L7 | |
| | Gas | Liquid | Gas | Liquid | Gas | Liquid |
| R(Y)200 | Ø25.4 | Ø12.7 | Ø19.1 | Ø9.5 | Ø12.7 | Ø6.4 |
| R(Y)250 | Ø28.6 | Ø15.9 | Ø19.1 | Ø9.5 | Ø15.9 | Ø9.5 |

Allowable pipe length

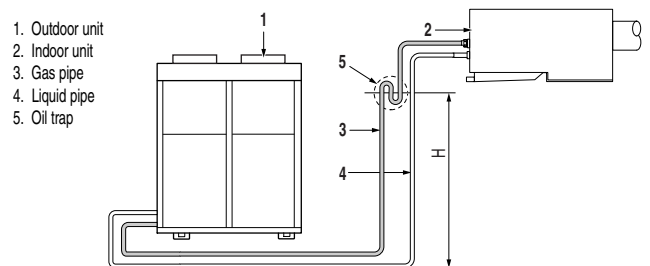
| | | pair | twin/triple | double twin |
|---|---------------------------|------|-------------|-------------|
| max. allowable piping length | L1 | 50 m | - | - |
| | L1 + L2, L1 + L3, L1 + L4 | - | 50 m | - |
| | L1 + L2 + L3 | - | - | 50 m |
| max. branch pipe length | L2, L3, L4 | - | 20 m | - |
| | L2 + L4 | - | - | 20 m |
| max. difference between branch lengths | L1 - L2, L2 - L4, L3 - L4 | - | 10 m | - |
| | (L2 + L4) - (L3 + L7) | - | - | 10 m |
| max. difference between each 1st branch | L2 - L3 | - | - | 10 m |
| max. difference between each 2nd branch | L4 - L5, L6 - L7 | - | - | 10 m |
| max. height difference between indoors | H1, H2, H3 | - | 0,5 m | - |
| | H1, H2, H3, H4, H5 | - | - | 0,5 m |
| max. height difference between indoor and outdoor | H | 30 m | 30 m | 30 m |

PRECAUTIONS ON REFRIGERANT PIPING

When the outdoor unit is installed below the indoor unit, the following can occur:

- When the unit stops, oil will return to the discharge side of the compressor. When starting the unit, this can cause liquid (oil) hammer.
- The oil circulation will decrease.

To solve these phenomena, provide oil traps in the gas pipe every 15 m if the level difference (H) is more than 15 m.

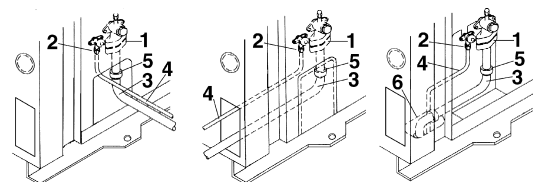


Note

If the outdoor unit is installed above the indoor unit, oil traps are not necessary.

CONNECTING THE REFRIGERANT PIPING

1. Installation of refrigerant piping is possible as front connection, side connection and bottom connection.



1. Flange
2. Flare nut
3. Gas side attached pipe
4. Liquid side attached pipe
5. Brazing
6. Knock out hole (use a hammer)

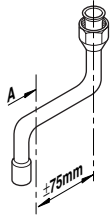
Note  front connection

Make sure to close the piping intake hole again after installation work.

Note  bottom connection

• **Liquid side**

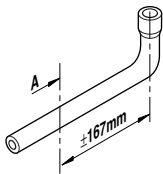
Bend the liquid side accessory pipe and connect it to the stop valve. Take care not to allow it to touch the gas side pipe.



A = bending position

• **Gas side**

Cut the gas side accessory pipe and make connection using an elbow (field supply).



A = cutting position

2. Make sure to perform the piping installation within the range of the maximum allowable pipe length, allowable level difference and allowable length after branching.

In case of simultaneous operation system.

- Upward and downward piping should be performed at the main piping line.
- Use branch piping kit (optional) for branching of refrigerant pipes. When using this, follow the following precautions. (For details, refer to the manual attached to branch piping kit.)
 - a. Install the branch pipes horizontally (Maximum inclination: 20 degrees or less).
 - b. Length of branch pipe to the unit should be as short as possible. (Maximum length: 20 meters or less).
 - c. Try to keep lengths of both branch pipes to the indoor unit equal. (Maximum allowable length difference: 10 meters or less).
- 3. For installation of the refrigerant branching kit, refer to the installation manual delivered with the kit.

SELECTION OF PIPING MATERIAL

1. Use the following material specification for refrigerant piping:
 - Construction material: Phosphoric acid deoxidized seamless copper for refrigerant.
 - Size: Refer to chapter "Refrigerant pipe size and allowable pipe length".
 - The wall thickness of the refrigerant piping should comply with relevant local and national regulations. For R22 the allowable pressure is 2.8 MPa.

HOW TO OPEN STOP VALVES (REFER TO FIGURE 2)

To open

1. Remove the cap (1) and turn the shaft (2) counter-clockwise with hexagon socket screw keys (JIS B 4648 nominal size 6 mm and 10 mm).
2. Turn it all the way until the shaft stops.
3. Tighten the cap firmly.

To close

1. Remove the cap and turn the shaft clockwise.
2. Tighten the shaft firmly until it reaches the sealed area (4) of the body.
3. Tighten the cap firmly.

Note 

- For tightening torques and dimensions of the flares, refer to the table in the chapter "Flare shape and flarenut tightening torque".
- Be sure to use both, a spanner and a torque wrench, when connecting or disconnecting pipes to or from the unit.
- When connecting a flare nut, apply refrigerant oil on the flare area (both internal and external face), and screw it with your hand a few times first.
- Use a charging hose with push rod when using the service port (5).
- Check for refrigerant gas leakage after tightening the cap.
- Make sure to keep stop valve open during operation.

Flare shape and flarenut tightening torque

| Pipe size | Tightening torque (Ncm) | A (mm) | Flare shape |
|-----------|-------------------------|-------------|-------------|
| Ø12.7 | 4950 - 6030 | 15.4 - 15.8 | |
| Ø15.9 | 6180 - 7540 | 18.6 - 19.0 | |

LEAK TEST AND VACUUM DRYING

The units were checked for leaks by the manufacturer.

Confirm that the valves are firmly closed before pressure test or vacuuming.

After connection of the piping, a leak test must be performed and the air in the refrigerant piping must be evacuated to a value of 4 mbar absolute by means of a vacuum pump.



Do not purge the air with refrigerants. Use a vacuum pump to vacuum the installation. No additional refrigerant is provided for air purging.

1. Perform air evacuation of the piping and a vacuum test. (There may be no pressure increase for 1 minute.)
2. Break the vacuum with a minimum of 2 bar of nitrogen (N2).
3. Check the connections for leakage. Apply soapsuds to the connections and inspect carefully. After checking, wipe them off completely.
4. By way of a final air tight test, check if there is no decrease of pressure after having left the installation under a pressure of 28 bar during 24 hours.
5. Release the nitrogen.
6. Try to reach perfect vacuum (= gauge reading - atmospheric pressure of 1013 mbar).
7. Open the valves of the outdoor unit. Let refrigerant flow into indoor units for equalization through pipes.

CHARGING REFRIGERANT

The cooling only unit does not require any additional charging of refrigerant.

The heatpump unit however, requires additional charging of refrigerant according to the length of pipe connected at the site.

Take the following steps for proper charging.

ADDITIONAL CHARGING OF REFRIGERANT

Find the correct amount of additional refrigerant to charge (G) (unit of measurement = kg) using one of the following formulas.

Pair system (Refer to figure 5A)

(One way length of liquid pipe = L (unit of measurement = m))

| | |
|--------------|---------------------------|
| RY200 | $G = (L-7.5) \times 0.03$ |
| RY250 | $G = (L-7.5) \times 0.05$ |

Simultaneous operation system (Twin, triple, double twin)

(Refer to figure 5B, C and D)

| | Branched pipe | | |
|--------------|---------------|----------------|--|
| RY200 | Ø9.5 | A = 0.015 kg/m | $G = (L1-7.5) \times 0.03 + L2xA + L3xA + L4xA + L5xA + L6xA + L7xA$ |
| RY250 | Ø6.4 | A = 0.005 kg/m | $G = (L1-7.5) \times 0.05 + L2xA + L3xA + L4xA + L5xA + L6xA + L7xA$ |

- L1: one way length of main liquid pipe.
(Unit of measurement = m).
- L2, L3, L4, L5, L6, L7: branched pipes.
(Unit of measurement = m).

COMPLETE CHARGING OF THE REFRIGERANT

- When the entire refrigerant pipe length is 7.5 meters, charge the refrigerant in accordance with the amount mentioned in the nameplate.
- When the pipe length exceeds 7.5 meters, the charging amount mentioned in the nameplate and that required for additional charging are to be totalled as the net charging amount.
- When the entire refrigerant pipe length is below 7.5 meters reduce the refrigerant amount charge mentioned in the nameplate as specified in the table.

| | |
|--------------|---------|
| R200 | 50 g/m |
| R250 | 90 g/m |
| RY200 | 100 g/m |
| RY250 | 170 g/m |



Caution

Recuperate overcharged refrigerant according to local and national regulations.

FIELD WIRING

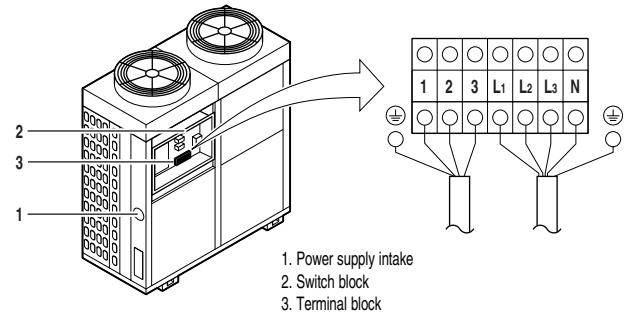


All field wiring and components must be installed by a licensed electrician and must comply with relevant local and national regulations.

The field wiring must be carried out in accordance with the wiring diagrams and the instructions given below.

Be sure to use a dedicated power circuit.
Never use a power supply shared by another appliance.

Fix cables as shown in the figure below and make sure they do not make contact with the pipes (Especially on high pressure side).



Make sure to connect power supply cables in normal phase. If connected in reverse phase, the remote controller of indoor unit indicates "U1" and the equipment cannot operate. Change any two of the three power supply cables (L1, L2, L3) to correct phase.

If the contact in the magnetic switch should be forcibly turned on while the equipment is inoperative, the compressor will be damaged by a fire. Never try to forcibly turn on the contact.

- Never squeeze bundled cables into a unit.
- Follow the electric wiring diagram and the nameplate for electrical wiring works.
- Grounding resistance should be 500 Ω or less.

INTERNAL WIRING - PARTS TABLE

Refer to the wiring diagram on the unit.
The abbreviations used are listed below.

Note

Use copper conductors only.
Do not operate the unit by short-circuiting S1LP.

| | |
|-----|---------------------------|
| ⋮ | Field wiring |
| L | :Live |
| N | :Neutral |
| □ | :Terminal |
| ⊗ | :Connector |
| ○ | :Wire clamp |
| ⊕ | :Protective earth (Screw) |
| BLK | :Black |
| BLU | :Blue |
| RED | :Red |
| WHT | :White |
| YLW | :Yellow |

| | | |
|---------------|-------|--|
| A1P, A2P | ..... | Printed circuit board |
| BS1 | ..... | Push button (Forced defrost - Pump down) |
| C1R, C2R | ..... | Capacitor (M1F-M2F) |
| DS1 | ..... | Selector switch (Defrost) |
| F1C | ..... | Over-current relay |
| F1U, F2U | ..... | Fuse (250V, 10A) |
| F3U | ..... | Field fuse |
| HAP | ..... | Light emitting diode (Service monitor - GREEN) |
| H1P, H2P | ..... | Light emitting diode (Service monitor - RED) |
| J1HC | ..... | Crankcase heater |
| K1M | ..... | Magnetic contactor (M1C) |
| L1 | ..... | Red |
| L2 | ..... | White |
| L3 | ..... | Black |
| M1C | ..... | Motor (Compressor) |
| M1F, M2F | ..... | Motor (Fan) |
| N | ..... | Blue |
| PRC | ..... | Phase reverse circuit |
| Q1L, Q2L, Q3L | ..... | Thermo switch (M1F-M2F-M1C) |
| Q3E | ..... | Earth leak detector |
| R1T | ..... | Thermistor (Air) |
| R2T | ..... | Thermistor (Coil) |
| RC | ..... | Signal receiver circuit |
| RyC | ..... | Magnetic relay (K1M) |
| RyF1-2 | ..... | Magnetic relay (M1F-M2F) |
| RyS | ..... | Magnetic relay (Y1R) |
| S1LP | ..... | Pressure switch (Low) |
| S1PH | ..... | Pressure switch (High) |
| S2PH | ..... | Pressure switch (High-control) |
| SD | ..... | Safety devices input |
| SS1 | ..... | Selector switch (Emergency) |
| T1R | ..... | Transformer (220-240V/16V) |
| TC | ..... | Signal transmission circuit |
| X1M | ..... | Terminal strip |
| Y1R | ..... | 4 way valve |

WIRING OF POWER SUPPLY AND THE UNITS

Refer to the installation manual supplied with the indoor unit for wiring of indoor units.

Install an earth leak detector and fuse in the power supply line.

PAIR SYSTEM (REFER TO FIGURE 6)

1. Outdoor unit
2. Indoor unit
3. Earth leak detector
4. Fuse
5. Remote controller

SIMULTANEOUS OPERATION SYSTEM (REFER TO FIGURE 7)

1. Outdoor unit
2. Indoor unit (Master)
3. Indoor unit (Slave)
4. Earth leak detector
5. Fuse
6. Remote controller

TEST OPERATION

For the test run procedure, refer to the indoor unit installation manual.

PUMP-DOWN OPERATION

The outdoor unit is equipped with a low-pressure switch to protect the compressor. Take the following steps to perform the pumping-down operation.

Caution

Never short-circuit the low-pressure switch in this operation.

1. Start the fan operation with the remote controller.
Confirm that stop valves both on the liquid and gas side are open.
2. Push the pumping-down button on the PC board of the outdoor unit.
Compressor and outdoor fan will start operation automatically.
3. Continue operation for 1 min. until operation condition stabilizes.
4. Close the stop valve on the liquid side securely.
Insecure closing of the valve may result in burning of the compressor.
5. When the low-pressure switch is activated, the unit stops working. At this time, close the stop valve on the gas side.

This is the end of pumping-down operation. After pumping-down operation, the remote controller shows "U4" even when ON button on the remote controller is pressed, and it will not operate. Turn off the main power supply switch and turn it on again in need of operation.

DISPOSAL REQUIREMENTS

Dismantling of the unit, treatment of the refrigerant, oil and eventual other parts, should be done in accordance with the relevant local and national regulations.

DAIKIN EUROPE NV

Zandvoordestraat 300, B-8400 Oostende, Belgium

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