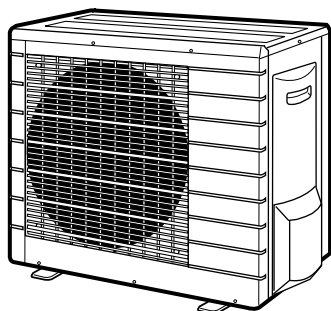


DAIKIN

INSTALLATION MANUAL

R410A Split Series



Models

RXS50J2V1B	RKS50J2V1B
RXS60F3V1B	RKS60F3V1B
RXS50G2V1B	RKS50G2V1B
RXS60F2V1B	RKS60F2V1B
RYN50E3V1B	RN50E3V1B
RYN60E3V1B	RN60E3V1B
RX50G2V1B	ARXS50G2V1B
RX60G2V1B	ARXS50E3V1B

Installation manual
R410A Split series

English

Installationsanleitung
Split-Baureihe R410A

Deutsch

Manuel d'installation
Série split R410A

Français

Montagehandleiding
R410A Split-systeem

Nederlands

Manual de instalación
Serie Split R410A

Español

Manuale d'installazione
Serie Multiambienti R410A

Italiano

Εγχειρίδιο εγκατάστασης
διαιρούμενης σειράς R410A

Ελληνικά

Manual de Instalação
Série split R410A

Portugues

Руководство по монтажу
Серия R410A с раздельной установкой

Русский

Montaj kılavuzları
R410A Split serisi

Türkçe

CE - DECLARATION-OF-COMFORMITY
 CE - KONFORMITÄTSEKHLÄRUNG
 CE - DECLARATION-DE-COMFORMITE
 CE - KONFORMITEITSVERKLARING

CE - DECLARACION-DE-CONFORMIDAD
 CE - DICHIARAZIONE-DI-CONFORMITA
 CE - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

CE - DECLARAÇÃO-DE-CONFORMIDADE
 CE - ЗАРЯБЛЕННЕ-О-КООРБЕТЦЫИ
 CE - ОПФЯДЛЕСЕРКЛЕРІНГ
 CE - FÖRSÄKRAN-OM ÖVERENSTÄMMELE

CE - ERKLÄRUNG OM-SÄMVER
 CE - ILMOITUS-YHDENMUKAISUDESTA
 CE - DEKLARACJA-ZGODNOSC
 CE - DECLARAȚIE-DE-CONFORTITATE

CE - IZJAVA O USKLADENOSTI
 CE - MEGFELELŐSÉGI-NYILATKOZAT
 CE - DEKLARACJA-ZGODNOSC
 CE - DECLARAȚIE-DE-CONFORTITATE

CE - IZJAVA O SKLADNOSTI
 CE - ATBILSTIBAS-DEKLARACIJA
 CE - VYHLASENIE-ZHODY
 CE - UYUMLULUK-BILDIRISI

CE - ATTIKTIKIES-DEKLARACIJA
 CE - ATBILSTIBAS-DEKLARACIJA
 CE - VYHLASENIE-ZHODY
 CE - UYUMLULUK-BILDIRISI

DAIKIN INDUSTRIES, LTD.

- 01 00 declares under its sole responsibility that the air conditioning models to which this declaration relates:
- 02 00 erklärt auf seine alleinige Verantwortung daß die Modelle der Klimaanlage für die diese Erklärung bestimmt ist:
- 03 00 déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration:
- 04 00 verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft:
- 05 00 dichiara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración:
- 06 00 dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione:
- 07 00 δηλώνει με αποκλειστική της ευθύνη ότι τα μοντέλα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση:
- 08 00 declara sob sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere:
- 09 00 заявляет, исключительного под своим ответствеьностью, что модели кондиционеров воздуха, к которым относится настоящее заявление:

RX560F3V1B, RK560F3V1B, RKS50G2V1B, RKS50G2V1B, ARXS50G2V1B, ARXS50G2V1B, RN50E3V1B, RN50E3V1B, RN60E3V1B, RN60E3V1B, RX560G2V1B, RX60G2V1B

01 are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions:

02 werden folgenden Norm(en) oder einen anderen Normdokument oder -dokumenten entsprechend, unter der Voraussetzung, daß sie gemäß unseren Anweisungen eingesetzt werden:

03 sont conformes à la ou aux norme(s) ou autre(s) document(s) normatifs), pour autant qu'ils soient utilisés conformément à nos instructions:

04 conform de volgende norm(en) of één of meer andere bindende documenten zijn, op voorwaarde dat ze worden gebruikt overeenkomstig onze instructies:

05 están en conformidad con la(s) siguiente(s) norma(s) u otro(s) documento(s) normativos), siempre que sean utilizados de acuerdo con nuestras instrucciones:

06 sono conformi all(i) seguente(i) standard(i) o altro(i) documento(i) a carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni:

07 είναι σύμφωνα με το(α) ακόλουθο(α) πρότυπο(α) ή άλλο(α) έγγραφο(α) κανονισμών, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας:

EN60335-2-40,

- 01 following the provisions of:
- 02 gemäß den Vorschriften der:
- 03 conformément aux stipulations des:
- 04 overeenkomstig de bepalingen van:
- 05 siguiendo las disposiciones de:
- 06 secondo le prescrizioni per:
- 07 με τηρήσει των διατάξεων των:
- 08 de acordo com o previsto em:
- 09 в соответствии с положениями:

- 01 Note * as set out in and judged positively by according to the Certificate .
- 02 Hinweis * wie in der aufgeführt und von positiv beurteilt gemäß Zertifikat .
- 03 Remarque * tel que définies dans et jugées positivement par conformément au Certificat .
- 04 Bemerk * zoals vermeld in en positief beoordeeld door overeenkomstig Certificat .
- 05 Nota * como se establece en y es valorado positivamente por de acuerdo con el Certificado .
- 06 Nota * delimitat nei e giudicato positivamente da secondo il Certificat .
- 07 Σημείωση * όπως καθορίζεται στο και κρίνεται θετικά από το σύμφωνα με το Πρωτόκολλο .
- 08 Nota * tal como estabelecido em e com o parecer positivo de de acordo com o Certificado .
- 09 Πλημμελεια * как указано в и в соответствии с положительным решением согласно Сертификату .
- 10 Bemerk * som angivet i og positivt vurderet af i henhold til Certificat .

- 01 Directives, as amended.
- 02 Direktiven, gemäß Änderung.
- 03 Directives, telles que modifiées.
- 04 Richtlijnen, zoals geamendeerd.
- 05 Directivas, según lo emendado.
- 06 Direttive, come da modifica.
- 07 Οδηγίες, όπως έχουν τροποποιηθεί.
- 08 Directivas, conforme alteração em.
- 09 Директиве, со всеми поправками.
- 10 Direktiver, med senere ændringer.
- 11 Direktiv, med foretagne ændringer.
- 12 Direktives, med foretagne ændringer.
- 13 Direktiivid, sellähisid kuni te ova muudetuna.
- 14 v plámen znieň.
- 15 Smernice, kako je izmenjeno.
- 16 irányelvek) és módosítások rendelkezései.
- 17 z późniejszych poprawkami.
- 18 Directiehor, cu amendamentele respective.
- 19 Direktive, med senere ændringer.
- 20 Direktivid koos muudatustega.
- 21 Директив, с рекевие изменения.
- 22 Direktiivose su papildimused.
- 23 Direktiivas un to papildinajumus.
- 24 Smernice, v platnom zneni.
- 25 Degjstirimitis hallenyle Yonetmeliker.

**Low Voltage 2006/95/EC *
 Electromagnetic Compatibility 2004/108/EC ***

- 16 Megjegyzés * az(i) alapján, az(i) igazolta a megfelelőséget az(i) hatáskörén belül.
- 17 Uwaga * zgodnie z dokumentacją , pozytywną opinią i świadectwem .
- 18 Nota * apa cum este stabilit în și apreciat pozitiv de în conformitate cu Certificatul .
- 19 Opomba * kot je obdelano v in odobreno s strani v skladu s ovrednotenjem .
- 20 Märkus * nagu on näidatud dokumentis ja heaks kiidetud järgi vastavalt sertifitseeritule .
- 11 Information * enligt och godkännt av enligt Certificat .
- 12 Merk * som det fremkommer i og godkennet positivt bedømmelse av ifølge Serifikat .
- 13 Huom * jotta on esitetty asiantuntija ja jotta on hyväksynyt Serifikatin mukaisesti.
- 14 Poznámka * jak bylo uvedeno v a pozitivně zjištěno v souladu s ověřeníem .
- 15 Napomena * kako je izloženo u i pozitivno ocijenjeno od strane prema Certificatu .

- 19 00 z vse odgovornostjo izjavlja, da so modeli klimatskih naprav, na katere se izjava nanaša:
- 20 00 kinnitab oma täieliku vastutusega, et täpselt sama deklaratsioon alla kuuluvad kliimaszadmetele mudelid:
- 21 00 декларира на своя отговорност, че моделите климатични инсталации, за които се отнася тази декларация:
- 22 00 viskita savo atsakomybę šiekla, kad oro kondicionavimo prietaisų modeliai, kuriems yra taikoma ši deklaracija:
- 23 00 ar plinu atbildno modelj gaisa kondicionirani, iz kurim allacas si deklaracija:
- 24 00 vyhlásije na vlastnu zodpovednost, ze tieto klimaticke modely, na ktoré sa vzťahuje toto vyhlásenie:
- 25 00 lamamen kendi sorumluluğunda olmak üzere bu bildirimli ilgili oduluğu, klima modellerinin asgınlık gibi olduğunu beyan eder.
- 19 00 erklærer under eneansvar, at klimaatnægmodelierne, som denne deklaration vedrører:
- 20 00 kinnitab av huru datarar, att luftkonditioneringsmodelierne som berörs av denna deklaration innebär att:
- 21 00 erklærer et fullstendig ansvar for at de luftkonditioneringsmodelier som berörs av denna deklaration innebærer at:
- 22 00 ilmoittaa yksinomaan vastuullaan, että täänän ilmoituksen tarkoitamat ilmasoitteimallitienhallit:
- 23 00 prohlásuje ve své plné odpovědnosti, že modely klimatizace, k nimž se tato prohlášení vztahuje:
- 24 00 izjavljuje pod isključivo vlastnom odgovornostju, da su modeli klima uređaja na koje se ova izjava odnosi:
- 25 00 telesa fellelősséget vállalában kijelenti, hogy a klímaberendezés modellek, melyekre e nyilatkozat vonatkozik:
- 19 00 deklarije na vlastni odgovornosti, da su modeli klimatizatorov, kojih kojičuyz imenjsza deklaracija:
- 20 00 deklarije na proprie răspundeare că aparatele de aer condițional la care se referă această declarație:

- 16 megfelelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak, ha azokat előírás szerint használják:
- 17 spełniają wymogi następujących norm i innych dokumentów normalizacyjnych, pod warunkiem że używane są zgodnie z naszymi instrukcjami:
- 18 sunt în conformitate cu următorul (urmatoarele) standard(e) sau alte (documente) normative), cu condiția ca acestea să fie utilizate în conformitate cu instrucțiunile noastre
- 19 skladni z naslednjimi standardi in drugimi normativi, pod pogojem, da se uporabljajo v skladu z našimi navodili:
- 20 on vastustus vastavalt standard(ite)ga või teise normaliseeritud dokument(ite)ga, kui need kasutatakse vastavalt meie juhenditele:
- 21 conformitatea cu standarde și alte documente normative, prin urmare, ce se folosesc în strictă conformitate cu instrucțiunile noastre
- 22 atlinke žemiau nurodytųjų standartų ir (arba) kitus norminius dokumentus su sąlyga, kad yra naudojami pagal mūsų nurodymus:
- 23 kad, je lietoji atbilstošus standartus, atbilsti serkiošiem standartem un citiem normatīviem dokumentiem:
- 24 su svažausis įrašomais standartais) arba įvym(i) normatyvini(i) dokumentais), za predpkladu, že se používají v sulađe s našim instrukciami:
- 25 üçün, ilahtarlarınız göre kullanılması koşuluyla asgınlık standartlar ve norm belirlen belgeleme uyumludur:

- 21 Забеленка * както е изложено в и оценено покриваемо от съгласно Сертификата .
- 22 Pastaba * kaip nustatya ir kaip leidama inspeksiya pagal Serifikatą .
- 23 Pláznimas * ka nuroditi ir atbilsti pozityviam vertinimui susiana su sertifikatu v sulađe su ovredinim .
- 24 Poznámka * ako bolo uvedené v a pozitivne zistené v sulađe s ovrednotením .
- 25 Not * göre anlatılan ölçümü olarak değerlendirildiği gibi.



Shinri Sada
 Manager Quality Control Department
 25th. of Nov. 2009

 Shinri Sada

DAIKIN INDUSTRIES, LTD.
 Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
 Kita-ku, Osaka, 530-8323 Japan

<A>	DAIKIN.TCF.015 M18/11-2009
	KEMA Quality B.V.
<C>	74736-KRO/EMC97-4957

CE - DECLARATION-OF-COMFORMITY
 CE - KONFORMITÄTSERKLÄRUNG
 CE - DECLARATION-DE-COMFORMITE
 CE - CONFORMITEITSVERKLARING

CE - DECLARACION-DE-CONFORMIDAD
 CE - DICHIARAZIONE-DI-CONFORMITÀ
 CE - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

CE - DECLARAÇÃO-DE-CONFORMIDADE
 CE - ЗАРЯБЛЕННЕ-О-КООРБІТЭБІМІ
 CE - OPFYLDELSESERKLÆRING
 CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELE

CE - ERKLÆRING OM-SAMSVAR
 CE - ILMOITUS-YHDENMUKAISUDESTA
 CE - DEKLARACJA-ZGODNOSC
 CE - DECLARAȚIE-DE-CONFORTITATE

CE - IZJAVA O USKLADENOSTI
 CE - MEGFELELŐSÉGI-NYILATKOZAT
 CE - DEKLARACJA-ZGODNOSC
 CE - DECLARAȚIE-DE-CONFORTITATE

CE - IZJAVA O SKLADNOSTI
 CE - ATBILSTIBAS-DEKLARACIJA
 CE - VYHLÁSENIE-ZHODY
 CE - UYUMLULUK-BILDIRISI

DAIKIN INDUSTRIES, LTD.

- 01 00 declares under its sole responsibility that the air conditioning models to which this declaration relates:
- 02 01 erklärt auf seine alleinige Verantwortung daß die Modelle der Klimaanlage für die diese Erklärung bestimmt ist:
- 03 01 déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration:
- 04 00 verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft:
- 05 01 dichiara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración:
- 06 01 dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione:
- 07 01 δηλώνει με αποκλειστική της ευθύνη ότι τα μοντέλα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση:
- 08 01 declara sob sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere:
- 09 00 заявляет, исключительнo под своим ответстве́нностью, что модели кондиционеров воздуха, к которым относится настоящее заявление:

RX550J2V1B, RK550J2V1B

- 01 are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions:
- 02 werden folgenden Normen) oder einen anderen Normdokument oder -dokumenten entsprechend/sprechend, unter der Voraussetzung, daß sie gemäß unseren Anweisungen eingesetzt werden:
- 03 sont conformes à la(s) norme(s) ou autre(s) document(s) normatifs), pour autant qu'ils soient utilisés conformément à nos instructions:
- 04 conform de volgende norm(en) of één of meer andere bindende documenten zijn, op voorwaarde dat ze worden gebruikt overeenkomstig onze instructies:
- 05 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:
- 06 sono conformi alla) seguente(i) standard(i) o altro(i) documento(i) a carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni:
- 07 είναι σύμφωνα με το(α) ακόλουθο(α) πρότυπο(α) ή άλλο(α) ενυπόθετο(α) κωνομικών, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας:

EN60335-2-40,

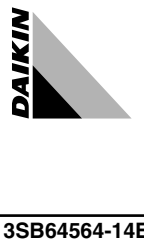
- 01 following the provisions of:
- 02 gemäß den Vorschriften der:
- 03 conformément aux stipulations des:
- 04 overeenkomstig de bepalingen van:
- 05 segundo las disposiciones de:
- 06 secondo le prescrizioni per:
- 07 με τηρώντας τον διατάχων των:
- 08 de acordo com o previsto em:
- 09 в соответствии с положениями:

- 10 under tagningelse af bestemmelserne i:
- 11 enligt villkoren i:
- 12 gitt i henhold til bestemmelserne i:
- 13 noudatteen määrätyksi:
- 14 za obrzenci ustanoveni predpisu:
- 15 prema odredbama:
- 16 követti a(zi):
- 17 zgodnie z postanowieniami Dyrektywy:
- 18 in urma prevederilor:

- 11 Information * enligt och godkända enligt Certifikaat <C>.
- 12 Merk * som det framkommer i <A> og gjennom positiv bedømmelse av følger Sertifikaat <C>.
- 13 Huom * jotta on esitetty asiantuntija ja jotta on hyväksytty Sertifikaat <C> mukaisesti.
- 14 Poznámka * jak bylo uvedeno v <A> a pozitivně zjištěno v souladu s ověřením <C>.
- 15 Napomena * kako je izloženo u i pozitivno odjeljeno od strane prema Certifikaat <C>.

- 16 Megjegyzás * a(z) alapján, a(z) igazolta a megjelölt, a(z) <C> tanúsítvány szerint.
- 17 Uwaga * zgodnie z dokumentacją <A> pozytywną opinią i świadectwem <C>.
- 18 Noat * spes om esse stabili in si apparet pozitiv de in conformitate cu Certificatul <C>.
- 19 Opomba * kot je obloženo v <A> in odobreno s strani v skladu s ovrednotenjem <C>.
- 20 Märkus * nägu on näidatud dokumentis <A> ja heaks kiidetud järgi vastavalt sertifikaatile <C>.

<A>	DAIKIN:TCF.015 N4/09-2010
	KEMA Quality B.V.
<C>	74736-KRO/EMC97-4957



Shinki Sada

Shinri Sada
 Manager Quality Control Department

2020.10.26

3SB64564-14E

DAIKIN INDUSTRIES, LTD.
 Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
 Kita-ku, Osaka, 530-8323 Japan

- 19 00 z vse odgovornostjo izjavlja, da so modeli klimatskih naprav, na katere se izjava nanaša:
- 20 00 kinnitab oma täieliku vastutuse, et täpselt deklaratsioon alla kuuluvad kliimaszadmetele mudelid:
- 21 00 deklarerer på egen ansvar, at de nævnte klimatiseringsmodeller som berøres af denne deklaration indestår alt:
- 22 00 verklaar hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft:
- 23 01 dichiara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración:
- 24 01 dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione:
- 25 01 δηλώνει με αποκλειστική της ευθύνη ότι τα μοντέλα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση:
- 26 01 declara sob sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere:
- 27 00 заявляет, исключительнo под своим ответстве́нностью, что модели кондиционеров воздуха, к которым относится настоящее заявление:

- 16 megfelelőnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak, ha azokat előírás szerint használják:
- 17 spełniają wymogi następujących norm i innych dokumentów normalizacyjnych, pod warunkiem że używane są zgodnie z naszymi instrukcjami:
- 18 sunt în conformitate cu următorul (următoarele) standard(e) sau alte (documente) normative), cu condiția ca acestea să fie utilizate în conformitate cu instrucțiunile noastre:
- 19 conform de următoarele standarde în alți documente normative, pod pogodem, da se uporabljajo v skladu z našimi navodili:
- 20 on vastustus järgmistele standard(ide)le või teise normaliseeritud dokument(ide)le, kui need kasutatakse vastavalt meie juhendile:
- 21 conformitatea cu standardele și / sau alte documente normative, prin urmare, ce se folosesc în conformitate cu instrucțiunile noastre:
- 22 atinuta demum normelor standardizării și / sau altor documente normative cu condiția ca acestea să fie utilizate în conformitate cu instrucțiunile noastre:
- 23 tad, je lietot atbilstīgi noteiktajiem norādījumiem, atbilst sekojošiem standartiem un citiem normatīviem dokumentiem:
- 24 su s vzhodno naslednjimi normami ali drugimi normalizacijskimi dokumenti, pri uporabi, če se uporabljajo v skladu s našimi navodili:
- 25 üçünlü, alınmalarınza göre kullanılması koşulluyla aşağıdaki standartlar ve norm belgeleriyle uyumludur:

- 08 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:
- 09 соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям:
- 10 overholder følgende standard(er) eller ændringsretningsdokument(er), brudtset af disse anvendes i henhold til vore instrukser:
- 11 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:
- 12 inspektivni usūty eri överensstämmelse med følgende standard(er) eller andre normgivende dokument(er), under forudsætning af at disse bruges i henhold til vore instrukser:
- 13 vaastatakse seavaast standard(ide) ja muude õigeallikatest dokumentidest vastavalt tootmisjuhendile:
- 14 se předpokládá, že jsou využívány v souladu s našimi pokyny, odpovídají následujícím normám nebo normativním dokumentům:
- 15 v skladu s sledečnimi standardi(nima) ili drugim normativnim dokumenti(ma), uz vjet da se oni koriste u skladu s našim uputama:

- 01 Directives, as amended.
- 02 Direktiven, gemäß Änderung.
- 03 Directives, telles que modifiées.
- 04 Richtlijnen, zoals aangepast.
- 05 Directivas, según lo emendado.
- 06 Direktive, come da modifica.
- 07 Ohjelmät, muokettyinä toimintotiloi.
- 08 Direktiivas, conforme alterações em.
- 09 Директиве, со всеми поправками.
- 20 Direktiver, med senere ændringer.
- 21 Direktiiv koos muudatustega.
- 22 Direktiiv, med forsatte ændringer.
- 23 Direktiivien, sellaisia kuin ne ovat muutettuiina.
- 24 Direktiivose su papildinajumos.
- 25 Direktiivas un to papildinajumos.
- 26 Snemnice, kako je izmijenjeno.
- 27 Irányelv(ek) és módosítás(ok) rendelkezésrel.
- 28 Direktiivas, cu amendamentele respective.

- 21 Zabeleška * karso e raznovrsto s v očetno porokromeno ot straniho Certificata <C>.
- 22 Pastaba * kaip nustatyta <A> ir kaip leidama inspeksiā pagal Sertifikaat <C>.
- 23 Plazimnas * ka nosūditis ir atbilstoš pozitīvam vērtējumam saskaņā ar sertifikātu <C> v saskaņā ar ovērdēniem <C>.
- 24 Poznámka * ako bolo uvedené v <A> s pozitivnu zistenie v súlade s ověřením <C>.
- 25 Not * göre artırılarak önümü olarak deđerlendirildiği gibi.

**Low Voltage 2004/108/EC *
 Electromagnetic Compatibility 2004/108/EC ***

- 16 Megjegyzás * a(z) alapján, a(z) igazolta a megjelölt, a(z) <C> tanúsítvány szerint.
- 17 Uwaga * zgodnie z dokumentacją <A> pozytywną opinią i świadectwem <C>.
- 18 Noat * spes om esse stabili in si apparet pozitiv de in conformitate cu Certificatul <C>.
- 19 Opomba * kot je obloženo v <A> in odobreno s strani v skladu s ovrednotenjem <C>.
- 20 Märkus * nägu on näidatud dokumentis <A> ja heaks kiidetud järgi vastavalt sertifikaatile <C>.

- 19 Directive z vsemi spremembami.
- 20 Direktiiv koos muudatustega.
- 21 Direktiiv, med forsatte ændringer.
- 22 Direktiivose su papildinajumos.
- 23 Direktiivas un to papildinajumos.
- 24 Snemnice, kako je izmijenjeno.
- 25 Degjstirimitis halteryle Yonetmeliker.




Safety Precautions

- The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.
- Meaning of WARNING and CAUTION notices





 **WARNING** Failure to follow these instructions properly may result in personal injury or loss of life.



 **CAUTION** Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

- The safety marks shown in this manual have the following meanings:

 Be sure to follow the instructions.	 Be sure to establish an earth connection.	 Never attempt.
---	---	--

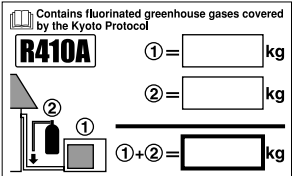
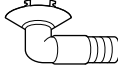

- After completing installation, conduct a trial operation to check for faults and explain to the customer how to operate the air conditioner and take care of it with the aid of the operation manual.

 WARNING	
• Ask your dealer or qualified personnel to carry out installation work. Do not attempt to install the air conditioner yourself. Improper installation may result in water leakage, electric shocks or fire.	
• Install the air conditioner in accordance with the instructions in this installation manual. Improper installation may result in water leakage, electric shocks or fire.	
• Be sure to use only the specified accessories and parts for installation work. Failure to use the specified parts may result in the unit falling, water leakage, electric shocks or fire.	
• Install the air conditioner on a foundation strong enough to withstand the weight of the unit. A foundation of insufficient strength may result in the equipment falling and causing injury.	
• Electrical work must be performed in accordance with relevant local and national regulations and with instructions in this installation manual. Be sure to use a dedicated power supply circuit only. Insufficiency of power circuit capacity and improper workmanship may result in electric shocks or fire.	
• Use a cable of suitable length. Do not use tapped wires or an extension lead, as this may cause overheating, electric shocks or fire.	
• Make sure that all wiring is secured, the specified wires are used, and that there is no strain on the terminal connections or wires. Improper connections or securing of wires may result in abnormal heat build-up or fire.	
• When wiring the power supply and connecting the wiring between the indoor and outdoor units, position the wires so that the control box lid can be securely fastened. Improper positioning of the control box lid may result in electric shocks, fire or over heating terminals.	
• If refrigerant gas leaks during installation, ventilate the area immediately. Toxic gas may be produced if the refrigerant comes into contact with fire.	
• After completing installation, check for refrigerant gas leakage. Toxic gas may be produced if the refrigerant gas leaks into the room and comes into contact with a source of fire, such as a fan heater, stove or cooker.	
• When installing or relocating the air conditioner, be sure to bleed the refrigerant circuit to ensure it is free of air, and use only the specified refrigerant (R410A). The presence of air or other foreign matter in the refrigerant circuit causes abnormal pressure rise, which may result in equipment damage and even injury.	
• During installation, attach the refrigerant piping securely before running the compressor. If the refrigerant pipes are not attached and the stop valve is open when the compressor is run, air will be sucked in, causing abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.	
• During pump-down, stop the compressor before removing the refrigerant piping. If the compressor is still running and the stop valve is open during pump-down, air will be sucked in when the refrigerant piping is removed, causing abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.	
• Be sure to earth the air conditioner. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks.	
• Be sure to install an earth leakage breaker. Failure to install an earth leakage breaker may result in electric shocks or fire.	

 CAUTION	
• Do not install the air conditioner at any place where there is a danger of flammable gas leakage. In the event of a gas leakage, build-up of gas near the air conditioner may cause a fire to break out.	
• While following the instructions in this installation manual, install drain piping to ensure proper drainage and insulate piping to prevent condensation. Improper drain piping may result in indoor water leakage and property damage.	
• Tighten the flare nut according to the specified method such as with a torque wrench. If the flare nut is too tight, it may crack after prolonged use, causing refrigerant leakage.	
• Make sure to provide for adequate measures in order to prevent that the outdoor unit be used as a shelter by small animals. Small animals making contact with electrical parts can cause malfunctions, smoke or fire. Please instruct the customer to keep the area around the unit clean.	
• The temperature of refrigerant circuit will be high, please keep the inter-unit wire away from copper pipes that are not thermally insulated.	

Accessories

Accessories supplied with the outdoor unit:

(A) Installation manual	1		
(C) Refrigerant charge label 	1	(B) Drain plug (Heat pump model)  There is on the bottom packing case.	1
(D) Multilingual fluorinated greenhouse gases label 	1		

Precautions for Selecting the Location

- 1) Choose a place solid enough to bear the weight and vibration of the unit, where the operation noise will not be amplified.
- 2) Choose a location where the hot air discharged from the unit or the operation noise will not cause a nuisance to the neighbours of the user.
- 3) Avoid places near a bedroom and the like, so that the operation noise will cause no trouble.
- 4) There must be sufficient spaces for carrying the unit into and out of the site.
- 5) There must be sufficient space for air passage and no obstructions around the air inlet and the air outlet.
- 6) The site must be free from the possibility of flammable gas leakage in a nearby place.
- 7) Install units, power cords and inter-unit wire at least 3m away from television and radio sets. This is to prevent interference to images and sounds. (Noises may be heard even if they are more than 3m away depending on radio wave conditions.)
- 8) In coastal areas or other places with salty atmosphere of sulfate gas, corrosion may shorten the life of the air conditioner.
- 9) Since drain flows out of the outdoor unit, do not place under the unit anything which must be kept away from moisture.

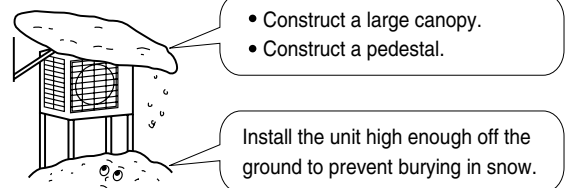
NOTE

Cannot be installed hanging from ceiling or stacked.

CAUTION

When operating the air conditioner in a low outdoor ambient temperature, be sure to follow the instructions described below.

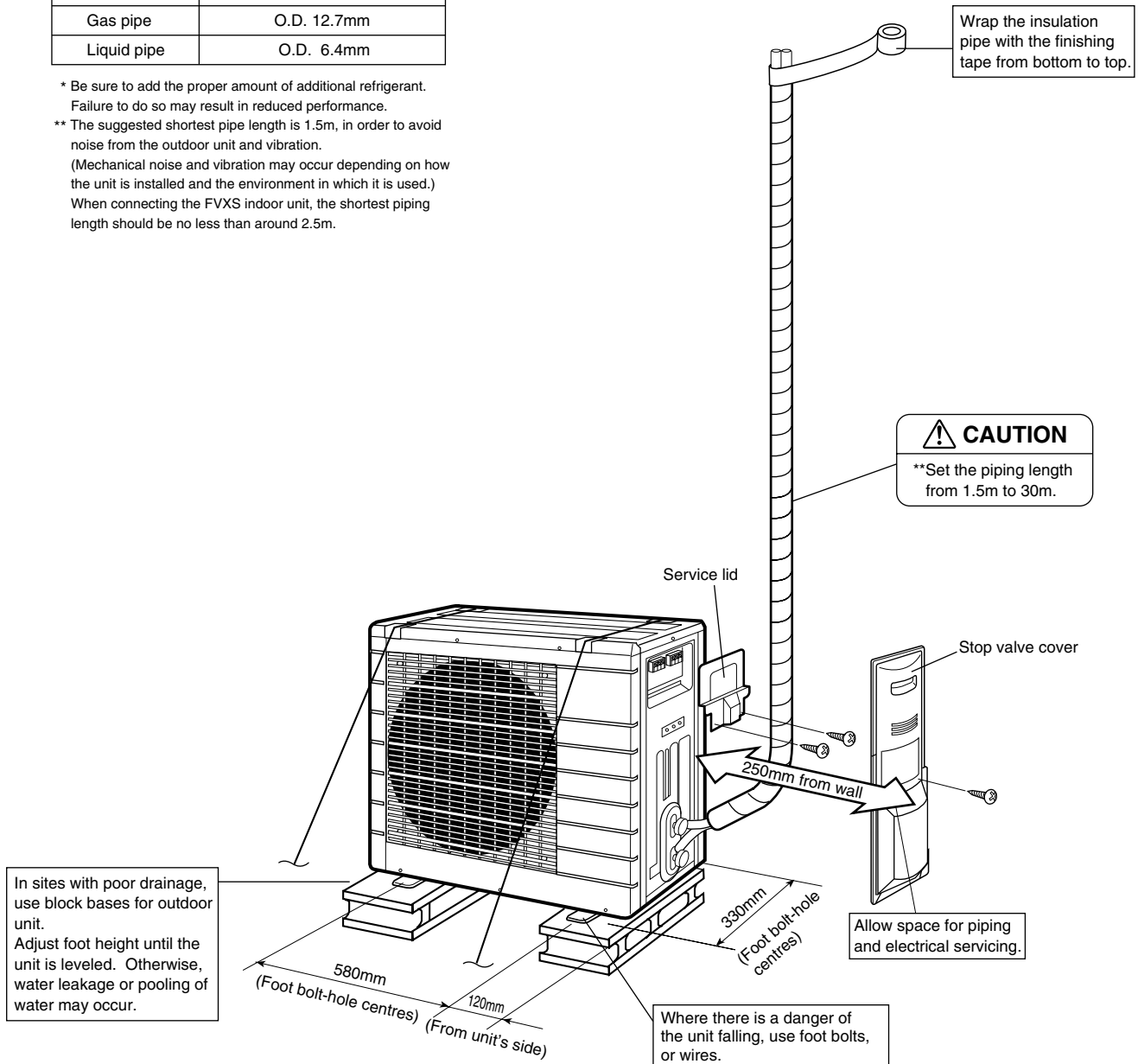
- To prevent exposure to wind, install the outdoor unit with its suction side facing the wall.
- Never install the outdoor unit at a site where the suction side may be exposed directly to wind.
- To prevent exposure to wind, it is recommended to install a baffle plate on the air discharge side of the outdoor unit.
- In heavy snowfall areas, select an installation site where the snow will not affect the unit.



Outdoor Unit Installation Drawings

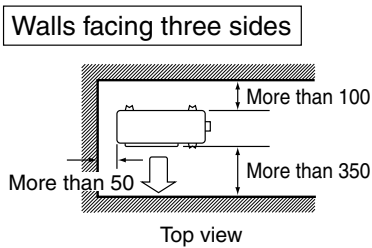
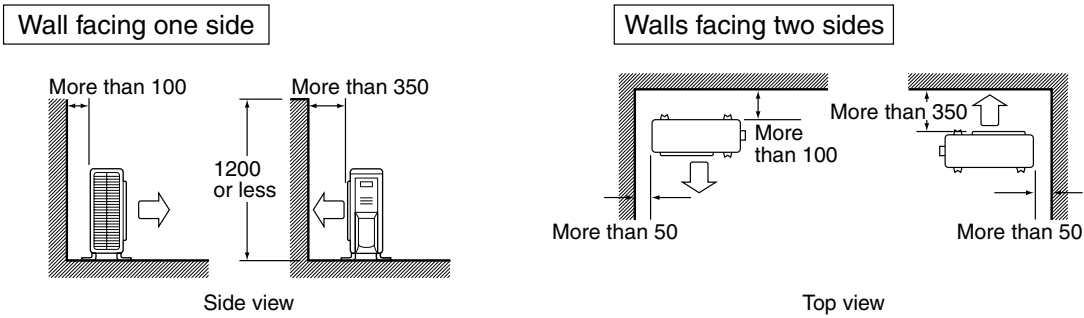
Max. allowable length	30m
** Min. allowable length	1.5m
Max. allowable height	20m
Additional refrigerant required for refrigerant pipe exceeding 10m in length.	20g/m
Gas pipe	O.D. 12.7mm
Liquid pipe	O.D. 6.4mm

- * Be sure to add the proper amount of additional refrigerant. Failure to do so may result in reduced performance.
- ** The suggested shortest pipe length is 1.5m, in order to avoid noise from the outdoor unit and vibration. (Mechanical noise and vibration may occur depending on how the unit is installed and the environment in which it is used.) When connecting the FVXS indoor unit, the shortest piping length should be no less than around 2.5m.



Installation Guidelines

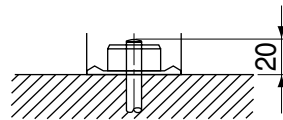
- Where a wall or other obstacle is in the path of outdoor unit's inlet or outlet airflow, follow the installation guidelines below.
- For any of the below installation patterns, the wall height on the outlet side should be 1200mm or less.



unit: mm

Precautions on Installation

- Check the strength and level of the installation ground so that the unit will not cause any operating vibration or noise after installed.
- In accordance with the foundation drawing, fix the unit securely by means of the foundation bolts. (Prepare 4 sets of M8 or M10 foundation bolts, nuts and washers each which are available on the market.)
- It is best to screw in the foundation bolts until their length are 20mm from the foundation surface.



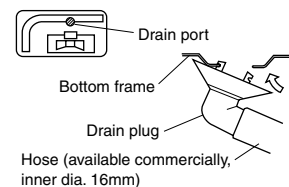
Outdoor Unit Installation

1. Installing outdoor unit

- 1) When installing the outdoor unit, refer to "Precautions for Selecting the Location" and the "Outdoor Unit Installation Drawings".
- 2) If drain work is necessary, follow the procedures below.

2. Drain work

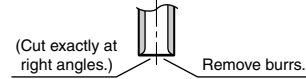
- 1) Use drain plug for drainage.
- 2) If the drain port is covered by a mounting base or floor surface, place additional foot bases of at least 30mm in height under the outdoor unit's feet.
- 3) In cold areas, do not use a drain hose with the outdoor unit. (Otherwise, drain water may freeze, impairing heating performance.)



Outdoor Unit Installation

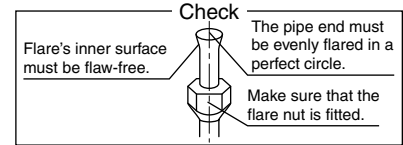
3. Flaring the pipe end

- 1) Cut the pipe end with a pipe cutter.
- 2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
- 3) Put the flare nut on the pipe.
- 4) Flare the pipe.
- 5) Check that the flaring is properly made.



Set exactly at the position shown below.

Flaring		Conventional flare tool	
Flare tool for R410A		Clutch-type (Rigid-type)	Wing-nut type (Imperial-type)
A	0-0.5mm	1.0-1.5mm	1.5-2.0mm



⚠ WARNING

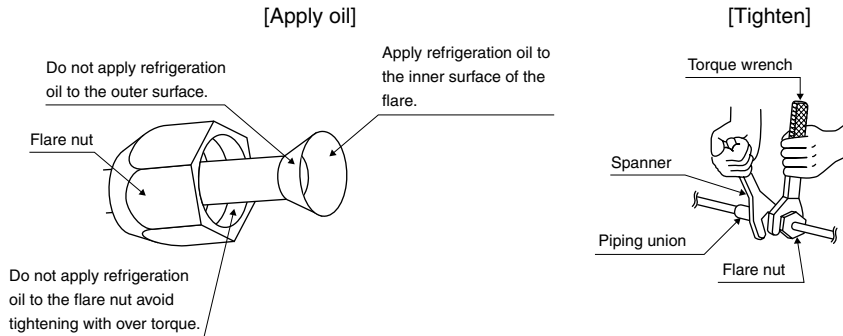
- Do not use mineral oil on flared part.
- Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
- Never use piping which has been used for previous installations. Only use parts which are delivered with the unit.
- Do never install a drier to this R410A unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

4. Refrigerant piping

⚠ CAUTION

- Use the flare nut fixed to the main unit. (To prevent cracking of the flare nut by aged deterioration.)
- To prevent gas leakage, apply refrigeration oil only to the inner surface of the flare. (Use refrigeration oil for R410A.)
- Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.

Align the centres of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with the torque wrenches.



Flare nut tightening torque	
Gas side	Liquid side
1/2 inch	1/4 inch
49.5-60.3N • m (505-615kgf • cm)	14.2-17.2N • m (144-175kgf • cm)

Valve cap tightening torque	
Gas side	Liquid side
1/2 inch	1/4 inch
48.1-59.7N • m (490-610kgf • cm)	21.6-27.4N • m (220-280kgf • cm)

Service port cap tightening torque	10.8-14.7N • m (110-150kgf • cm)
------------------------------------	-------------------------------------

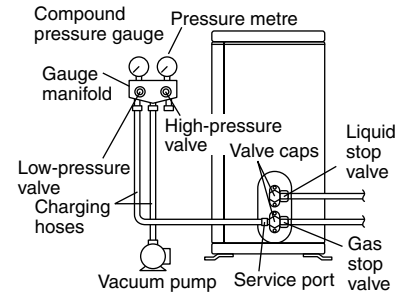
5. Purging air and checking gas leakage

- When piping work is completed, it is necessary to purge the air and check for gas leakage.

⚠ WARNING

- Do not mix any substance other than the specified refrigerant (R410A) into the refrigeration cycle.
- When refrigerant gas leaks occur, ventilate the room as soon and as much as possible.
- R410A, as well as other refrigerants, should always be recovered and never be released directly into the environment.
- Use a vacuum pump for R410A exclusively. Using the same vacuum pump for different refrigerants may damage the vacuum pump or the unit.

- If using additional refrigerant, perform air purging from the refrigerant pipes and indoor unit using a vacuum pump, then charge additional refrigerant.
- Use a hexagonal wrench (4mm) to operate the stop valve rod.
- All refrigerant pipe joints should be tightened with a torque wrench at the specified tightening torque.



1) Connect projection side of charging hose (which comes from gauge manifold) to gas stop valve's service port.



2) Fully open gauge manifold's low-pressure valve (Lo) and completely close its high-pressure valve (Hi).
(High-pressure valve subsequently requires no operation.)



3) Do vacuum pumping and make sure that the compound pressure gauge reads -0.1MPa (-76cmHg).^{*1}



4) Close gauge manifold's low-pressure valve (Lo) and stop vacuum pump.
(Keep this state for a few minutes to make sure that the compound pressure gauge pointer does not swing back.)^{*2}



5) Remove caps from liquid stop valve and gas stop valve.



6) Turn the liquid stop valve's rod 90 degrees counterclockwise with a hexagonal wrench to open valve.
Close it after 5 seconds, and check for gas leakage.
Using soapy water, check for gas leakage from indoor unit's flare and outdoor unit's flare and valve rods.
After the check is complete, wipe all soapy water off.



7) Disconnect charging hose from gas stop valve's service port, then fully open liquid and gas stop valves.
(Do not attempt to turn valve rod beyond its stop.)



8) Tighten valve caps and service port caps for the liquid and gas stop valves with a torque wrench at the specified torques.

*1. Pipe length vs. vacuum pump run time

Pipe length	Up to 15m	More than 15m
Run time	Not less than 10 min.	Not less than 15 min.

*2. If the compound pressure gauge pointer swings back, refrigerant may have water content or a loose pipe joint may exist.
Check all pipe joints and retighten nuts as needed, then repeat steps 2) through 4).

Outdoor Unit Installation

6. Refilling the refrigerant

Check the type of refrigerant to be used on the machine nameplate.

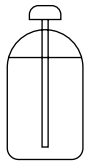
Precautions when adding R410A

Fill from the liquid pipe in liquid form.

It is a mixed refrigerant, so adding it in gas form may cause the refrigerant composition to change, preventing normal operation.

- 1) Before filling, check whether the cylinder has a siphon attached or not. (It should have something like “liquid filling siphon attached” displayed on it.)

Filling a cylinder with an attached siphon



Stand the cylinder upright when filling.

(There is a siphon pipe inside, so the cylinder need not be upside-down to fill with liquid.)

Filling other cylinders



Turn the cylinder upside-down when filling.

- Be sure to use the R410A tools to ensure pressure and to prevent foreign objects entering.

Important information regarding the refrigerant used

This product contains fluorinated greenhouse gases covered by the Kyoto Protocol. Do not vent gases into the atmosphere.

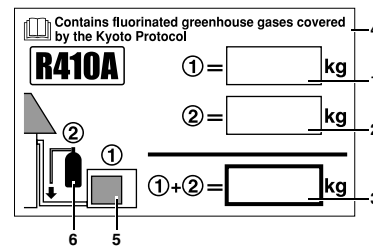
Refrigerant type: **R410A**

GWP⁽¹⁾ value: **1975** ⁽¹⁾GWP = global warming potential

Please fill in with indelible ink,

- ① the factory refrigerant charge of the product,
 - ② the additional refrigerant amount charged in the field and
 - ①+② the total refrigerant charge
- on the refrigerant charge label supplied with the product.

The filled out label must be adhered in the proximity of the product charging port (e.g. onto the inside of the stop valve cover).



- 1 factory refrigerant charge of the product: see unit name plate
- 2 additional refrigerant amount charged in the field
- 3 total refrigerant charge
- 4 Contains fluorinated greenhouse gases covered by the Kyoto Protocol
- 5 outdoor unit
- 6 refrigerant cylinder and manifold for charging

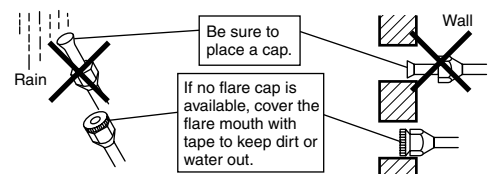
NOTE

National implementation of EU regulation on certain fluorinated greenhouse gases may require to provide the appropriate official national language on the unit. Therefore an additional multilingual fluorinated greenhouse gases label is supplied with the unit. Sticking instructions are illustrated on the backside of that label.

7. Refrigerant piping work

7-1 Caution on pipe handling

- 1) Protect the open end of the pipe against dust and moisture.
- 2) All pipe bends should be as gentle as possible. Use a pipe bender for bending.



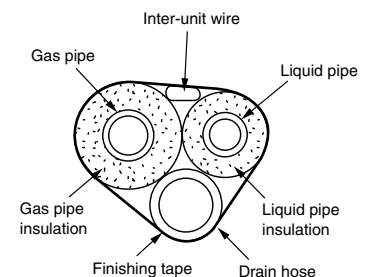
7-2 Selection of copper and heat insulation materials

When using commercial copper pipes and fittings, observe the following:

- 1) Insulation material: Polyethylene foam
Heat transfer rate: 0.041 to 0.052W/mK (0.035 to 0.045kcal/mh°C)
Refrigerant gas pipe's surface temperature reaches 110°C max.
Choose heat insulation materials that will withstand this temperature.
- 2) Be sure to insulate both the gas and liquid piping and to provide insulation dimensions as below.

Gas side	Liquid side	Gas pipe thermal insulation	Liquid pipe thermal insulation
O.D. 12.7mm	O.D. 6.4mm	I.D. 14-16mm	I.D. 8-10mm
Minimum bend radius		Thickness 10mm Min.	
40mm or more	30mm or more		
Thickness 0.8mm (C1220T-O)			

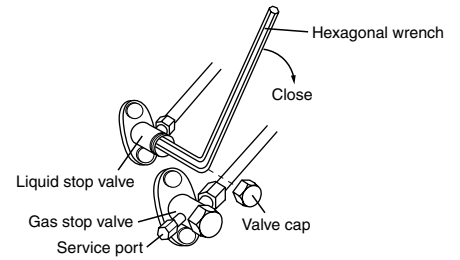
- Use separate thermal insulation pipes for gas and liquid refrigerant pipes.



Pump Down Operation

In order to protect the environment, be sure to pump down when relocating or disposing of the unit.

- 1) Remove the valve cap from liquid stop valve and gas stop valve.
- 2) Carry out forced cooling operation.
- 3) After 5 to 10 minutes, close the liquid stop valve with a hexagonal wrench.
- 4) After 2 to 3 minutes, close the gas stop valve and stop forced cooling operation.



Forced cooling operation

■ Using the indoor unit ON/OFF switch

Press the indoor unit ON/OFF switch for at least 5 seconds. (Operation will start.)

- Forced cooling operation will stop automatically after around 15 minutes.
To force a trial operation to stop, press the indoor unit ON/OFF switch.

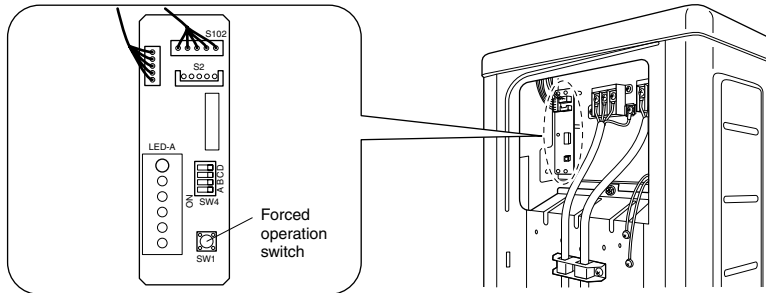
■ Using the indoor unit's remote controller

- 1) Press "MODE" button and select the cooling mode.
- 2) Press "ON/OFF" button to turn on the system.
- 3) Press both of "TEMP" button and "MODE" button at the same time.
- 4) Press "MODE" button twice. (77 will be displayed and the unit will enter trial operation.)
 - Trial operation will stop automatically after around 30 minutes. To stop trial operation, press "ON/OFF" button.

■ Using the outdoor unit forced cooling operation switch

Press the forced operation switch (SW1). (Operation will start.)

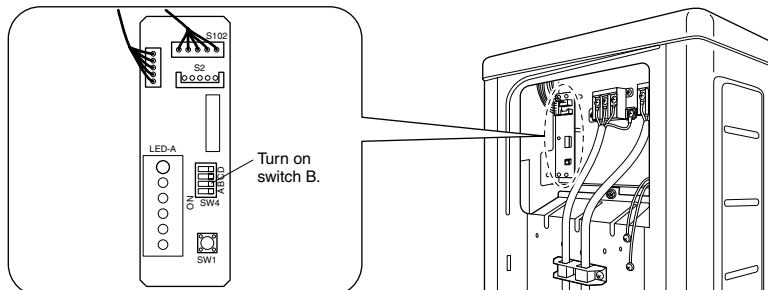
- Forced cooling operation will stop automatically after around 15 minutes.
To force a trial operation to stop, press the forced operation switch (SW1).



Facility Setting Switch (cooling at low outdoor temperature)

This function is limited only for facilities (the target of air conditioning is equipment (such as computer)). Never use it in a residence or office (the space where there is a human).

- You can expand the operation range to -15°C by turning on switch B (SW4) on the PCB. If the outdoor temperature falls to -20°C or lower, the operation will stop. If the outdoor temperature rises, the operation will start again.



⚠ CAUTION

- If the outdoor unit is installed where the heat exchanger of the unit is exposed to direct wind, provide a windbreak wall.
- Intermittent noises may be produced by the indoor unit due to the outdoor fan turning on and off when using facility settings.
- Do not place humidifiers or other items which might raise the humidity in rooms where facility settings are being used.
A humidifier might cause dew jumping from the indoor unit outlet vent.
- Use the indoor unit at the highest level of airflow rate.

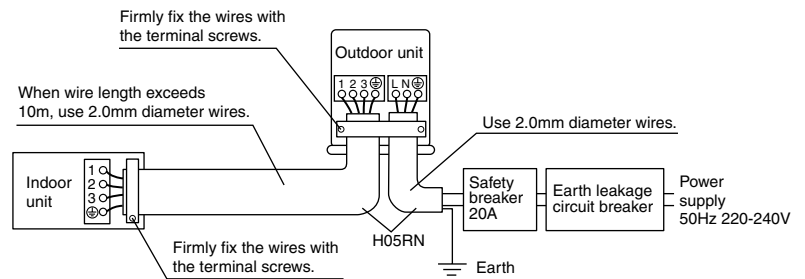
Wiring

⚠ WARNING

- Do not use tapped wires, stranded wires, extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- Be sure to install an earth leak detector. (One that can handle higher harmonics.)
(This unit uses an inverter, which means that it must be used an earth leak detector capable handling harmonics in order to prevent malfunctioning of the earth leak detector itself.)
- Use an all-pole disconnection type breaker with at least 3mm between the contact point gaps.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.

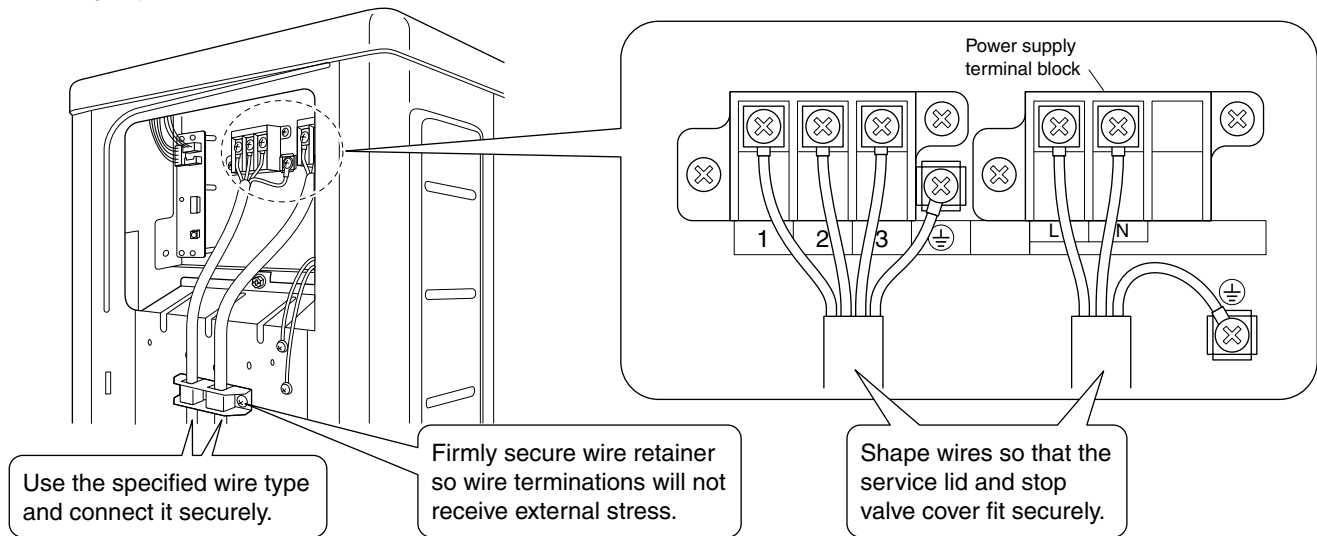
- Equipment complying with EN61000-3-12⁽¹⁾
- Do not turn on the safety breaker until all work is completed.

- 1) Strip the insulation from the wire (20mm).
- 2) Connect the connection wires between the indoor and outdoor units so that the terminal numbers match. Tighten the terminal screws securely. We recommend a flathead screwdriver be used to tighten the screws.



NOTE

- (1) European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤75 A per phase.



Observe the notes mentioned following when wiring to the power supply terminal board.

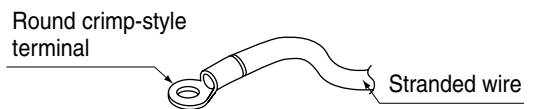
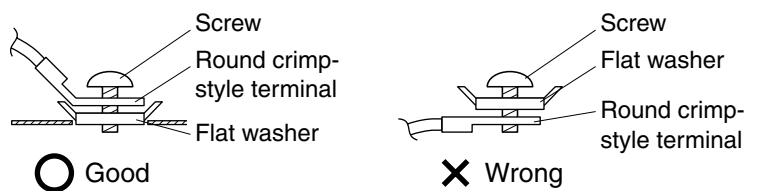
Precautions to be taken for power supply wiring.

Use a round crimp-style terminal for connection to the power supply terminal board. In case it cannot be used due to unavoidable reasons, be sure to observe the following instruction.

Place the round crimp-style terminals on the wires up to the covered part and secure in place.

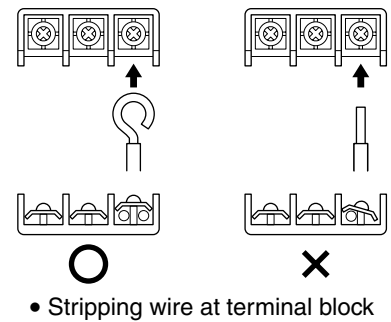
- Ground terminal installation

Use the following method when installing the round crimp-style terminal.



⚠ CAUTION

- When connecting the connection wires to the terminal board using a single core wire, be sure to perform curling. Problems with the work may cause heat and fires.



- 3) Pull the wire and make sure that it does not disconnect. Then fix the wire in place with a wire stop.

Trial Operation and Testing

1. Trial operation and testing

1-1 Measure the supply voltage and make sure that it falls in the specified range.

1-2 Trial operation should be carried out in either cooling or heating mode.

■ For heat pump

- In cooling mode, select the lowest programmable temperature; in heating mode, select the highest programmable temperature.
 - 1) Trial operation may be disabled in either mode depending on the room temperature.
 - 2) After trial operation is complete, set the temperature to a normal level (26°C to 28°C in cooling mode, 20°C to 24°C in heating mode).
 - 3) For protection, the system disables restart operation for 3 minutes after it is turned off.

■ For cooling only

- Select the lowest programmable temperature.
 - 1) Trial operation in cooling mode may be disabled depending on the room temperature.
 - 2) After trial operation is complete, set the temperature to a normal level (26°C to 28°C).
 - 3) For protection, the system disables restart operation for 3 minutes after it is turned off.

1-3 Carry out the test operation in accordance with the operation manual to ensure that all functions and parts, such as louver movement, are working properly.

- The air conditioner requires a small amount of power in its standby mode. If the system is not to be used for some time after installation, shut off the circuit breaker to eliminate unnecessary power consumption.
- If the circuit breaker trips to shut off the power to the air conditioner, the system will restore the original operation mode when the circuit breaker is opened again.

2. Test items

Test items	Symptom	Check
Indoor and outdoor units are installed properly on solid bases.	Fall, vibration, noise	
No refrigerant gas leaks.	Incomplete cooling/heating function	
Refrigerant gas and liquid pipes and indoor drain hose extension are thermally insulated.	Water leakage	
Draining line is properly installed.	Water leakage	
System is properly earthed.	Electrical leakage	
The specified wires are used for inter-unit wiring.	Inoperative or burn damage	
Indoor or outdoor unit's air inlet or air outlet has clear path of air. Stop valves are opened.	Incomplete cooling/heating function	
Indoor unit properly receives remote control commands.	Inoperative	

DAIKIN INDUSTRIES, LTD.

Head office:
Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
Kita-ku, Osaka, 530-8323 Japan

Tokyo office:
JR Shinagawa East Bldg., 2-18-1, Konan,
Minato-ku, Tokyo, 108-0075 Japan
http://www.daikin.com/global_ac/

DAIKIN EUROPE N.V.

Zandvoordestraat 300, B-8400 Oostende, Belgium



Two-dimensional bar code is a code
for manufacturing.

3P254362-2F M09B391A (1201) 