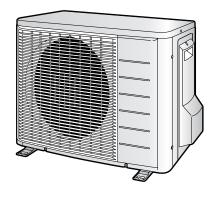


INSTALLATION MANUAL

R410A Split Series





Models RXG25K2V1B RXG35K2V1B 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-CONFORMITY
CE - KONFORMITÄTSERKLÄRUNG
CE - DECLARATION-DE-CONFORMITE
CE - CONFORMITEITSVERKLARING

.

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

CE - DECLARAÇÃO-DE-CONFORMIDADE CE - 3ARBJIEHME-O-COOTBETCTBMM CE - OPFYLDELSESERKLÆRING CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELSE

CE - ERKLÆRING OM-SAMSVAR CE - ILMOITUŞ-YHDENMUKAISUUDESTA CE - PROHLÁŠENÍ-O-SHODĚ

CE - IZJAVA-O-USKLAĐENOSTI CE - MEGFELELÖSÉGI-NYILATKOZAT CE - DEKLARACJA-ZGODNOŚCI CE - DECLARAŢIE-DE-CONFORMITATE

CE - IZJAVA O SKLADNOSTI CE - VASTAVUSDEKLARATSIOON CE - ДЕКЛАРАЦИЯ-3A-CЪOTBETCTBNE

CE - ATTIKTIES-DEKLARACIJA CE - ATBILSTIBAS-DEKLARĀCIJA CE - VYHLASENIE-ZHODY CE - UYUMLULUK-BILDIRĪSI

DAIKIN INDUSTRIES, LTD

01 @ declares under its sole responsibility that the air conditioning models to which this declar ation relates:

σε κλίέπ auf seine alleinige Verantwortung daß die Modelle der Klimageräte für die diese Erkätung bestimmt ist:
 σε Θ declare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclar ation:

(w) verkant menor proposome representation of the control of the con

09 📾 заявляет, исключительно под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящее заявление:

® erklærer under eneansvar, at klimaanlægmodellerne, som denne deklaration vedrorer:
 ® deklarerar 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:
 ® ilmolitta yksinomaan omalla vastuuljaan, että lämän ilmoltuksen tarkolitamat ilmasiointilaitteiden mallit:

14 @ prohlašuje ve své plné odpovědnosti, že modely klimatizace, k nimž se toto prohlášení vztahuje:

15 🙉 izjavljuje pod isključivo vlastitom odgovornošću da su modeli klima uređaja na koje se ova izjava odnosi:

17 🖭 deklaruje na własną i wyłączną odpowiedzialność, że modele klimatyzatorów, których dotyczy niniejsza deklaracja: 16 (m.) teljes felelőssége tudatában kijelenti, hogy a klímaberendezés modellek, melyekre e nyilatkozat vonatkozik:

18 @ declară pe proprie răspundere că aparatele de aer condiționat la care se referă această declarație:

20 🖘 kinnitab oma täielikul vastutusel, et käesoleva deklaratsiooni alla kuuluvad kliimaseadmete mudelid: 19 🐵 z vso odgovornostjo izjavlja, da so modeli klimatskih naprav, na katere se izjava nanaša:

21 (во декларира на своя отговорност, че моделите климатична инсталация, за които се отнася тази декларация:

22 🗷 visiška savo atsakomybe skelbia, kad oro kondicionavimo prietaisų modeliai, kuriems yra taikoma ši deklaracija:

W ar pilnu atbildību apliecina, ka tātāk uzskaitīto modeļu gaisa kondicionētāji, uz kuriem attiecas šī daktarācija:
 W wyhlasuje na vlastnú zodpovednost, že tieto klimatizačné modely, na ktoré sa vzfahuje toto vyhlásenie:

25 廊 tamamen kendi sorumluluğunda olmak üzere bu bildirinin ilgili olduğu klima modellerinin aşağıdaki gibi olduğunu beyan eder:

RXG25K2V1B, RXG35K2V1B

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

02 deriden folgenden Norm(en) oder einem anderen Normdokument oder -dokumenten entspricht/entsprechen, unter der Voraussetzung,

daß sie gemäß unseren Anweisungen eingesetzt werden: 03 sont conformes à lataux norme(s) ou autre(s) document(s) normatif(s), pour aufant qu'ils solent 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:

instrukser:

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 al(i) seguente(i) standard(s) o altro(i) documento(i) a carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni:

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

11 respektive utrustning är utförd i överensstämmelse med och följer följande standard(er) eller andra normgivande dokument, under 12 respektive utstyr er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er), under forutssetning av at 13 vastaavat seuraavien standardien ja muiden ohjeellisten dokumenttien vaatimuksia edellyttäen, että niitä käytetään ohjeidemme 10 overholder følgende standard(er) eller andet/andre retningsgivende dokument(er), forudsat at disse anvendes i henhold til vore 14 za předpokladu, že jsou využívány v souladu s našími pokyny, odpovídají následujícím normám nebo normatívním dokumentům: 15 u skladu sa slijedečím standardom(ima) ili drugím normatívním okukmentom(ima), uz uvjet da se oni koriste u skladu s naším uputama: förutsättning att användning sker i överensstämmelse med våra instruktioner: disse brukes i henhold til våre instrukser:

mukaisesti:

17 spełniają wymogi następujących norm i innych dokumentów normalizacyjnych, pod warunkiem że używane są zgodnie z naszymi 16 megfelelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak, ha azokat előírás szerint használják: instrukcjami: 09 соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим

18 sunt în conformitate cu următorul (următoarele) standard(e) sau alt(e) document(e) normativ(e), cu condiția ca acestea să fie utilizate în 19 skladni z naslednjimi standardi in drugimi normativi, pod pogojem, da se uporabljajo v skladu z našimi navodili: conformitate cu instrucțiunile noastre

21 съответстват на следните стандарти или други нормативни документи, при условие, че се използват съгласно нашите 20 on vastavuses järgmis(t)e standardi(te)ga või teiste normatiivsete dokumentidega, kui neid kasutatakse vastavalt meie juhenditele: инструкции:

24 sú v zhode s nasledovnou(ými) normou(ami) alebo iným(i) normatívnym(i) dokumentom(ami), za predpokladu, že sa používajú v súlade 22 atitinka žemiau nurodytus standartus ir (arba) kitus norminius dokumentus su salyga, kad yra naudojami pagal mūsų nurodymus: 23 tad. ja lietoti atbilstoši ražotāja norādījumiem, atbilst sekojošiem standartiem un citiem normatīviem dokumentiem:

25 ürünün, talimatlarımıza göre kullanılması koşuluyla aşağıdaki standartlar ve norm belirten belgelerle uyumludur. s našim návodom:

EN60335-2-40

10 under iagttagelse af bestemmelserne i: 12 gitt i henhold til bestemmelsene i: 14 za dodržení ustanovení předpisu: 13 noudattaen määräyksiä: 15 prema odredbama: 11 enligt villkoren i Od overeenkomstig de bepalingen van:
OS siguiendo las disposiciones de:
OS secondo le prescrizioni per:
OY με τήριση των διατάξεων των:
OS de acourdo com o previsio en:
O9 в соответствии с положениями: 01 following the provisions of: 02 gemäß den Vorschriften der: 03 conformément aux stipulations des:

22 laikantis nuostatu, pateikiamu;

21 следвайки клаузите на: 19 ob upoštevanju določb:

20 vastavalt nõuetele:

23 ievērojot prasības, kas noteiktas: 24 održiavajúc ustanovenia: 25 bunun koşullarına uygun olarak: 17 zgodnie z postanowieniami Dyrektyw: 18 în urma prevederilor: 16 követi a(z):

delineato nel <A> e giudicato positivamente 09 Примечание * Σημείωση 06 Nota * 08 Nota* tel que défini dans <A> et évalué positivement par zoals vermeld in <A> en positief beoordeeld door as set out in <a>A> and judged positively by <a>B> wie in der <A> aufgeführt und von positiv beurteilt gemäß Zertifikat <C>. conformément au Certificat <C>. overeenkomstig Certificaat <C>. according to the Certificate <C>.

> 03 Remarque * 02 Hinweis*

Note *

04 Bemerk *

Nota *

positivo de de acordo com o Certificado <C> όπως καθορίζεται στο <Α> και κρίνεται θετικά από το <Β> σύμφωνα με το Πιστοποιητικό <C> . tal como estabelecido em <A> e com o parecer som anført i <A> og positivt vurderet af i положительным решением <В> согласно Kak vkasaho B < A> и B соответствии с da secondo il Certificato <C>. nenhold til Certifikat < Свидетельству «С> 10 Bemærk* como se establece en <A> y es valorado positivamente por de acuerdo con el

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

a(z) <A> alapján, a(z) igazolta a megfelelést, a(z) <C> tanúsítvány szerint. kot je določeno v <A> in odobreno s strani v zgodnie z dokumentacją <A>, pozytywną opinią i Świadectwem <C>. aşa cum este stabilit în <A> şi apreciat pozitiv de în conformitate cu Certificatul <C> skladu s certifikatom <C>. 16 Megjegyzés* 19 Opomba* 17 Uwaga* 18 Notă*

jotka on esitetty asiakirjassa <A> ja jotka on

14 Poznámka * Napomena *

5

som det fremkommer i <A> og gjennom positiv bedømmelse av ifølge Sertifikat <C>. nyvāksynyt Sertifikaatin <C> mukaisesti.

12 Merk * 13 Huom *

enligt <A> och godkäntsav enligt Certifikatet <C>.

Information *

=

Märkus * 2 jak bylo uvedeno v <A> a pozitívně zjištěno v souladu s osvědčením <C>. kako je izloženo u <A> i pozitivno ocijenjeno od strane prema Certifikatu <C>.

nagu on näidatud dokumendis <A> ja heaks kiidetud järgi vastavalt sertifikaadile <C>.

16 irányelv(ek) és módosításaik rendelkezéseit. Direktiivejä, sellaisina kuin ne ovat muutettuina. 18 Directivelor, cu amendamentele respective 11 Direktiv, med företagna ändringar. 12 Direktiver, med foretatte endringer 15 Smjernice, kako je izmijenjeno. 17 z późniejszymi poprawkami. както е изложено в <А> и оценено 14 v platném znění. 05 Directivas, según lo enmendado.
06 Direttive, come da modifica.
07 Οδηγιών, όπως έχουν τροποποιηθεί. 21 Забележка * 08 Directivas, conforme alteração em. 09 Директив со всеми поправками. 02 Direktiven, gemāß Ānderung. 03 Directives, telles que modifiées. 04 Richtlijnen, zoals geamendeerd.

25 Değiştirilmiş halleriyle Yönetmelikler.

23 Direktīvās un to papildinājumos.

24 Smernice, v platnom znení.

21 Директиви, с техните изменения.

19 Direktive z vsemi spremembami.

10 Direktiver, med senere ændringer.

Directives, as amended.

20 Direktiivid koos muudatustega. 22 Direktyvose su papildymais.

> kaip nustatyta <A> ir kaip teigiamai nuspręsta ako bolo uvedené v <A> a pozitívne zistené v súlade s osvedčením <C> . kā norādīts <A> un atbilstoši pozitīvajam vērtējumam saskanā ar sertifilkātu <C>. pagal Sertifikata <C>. Сертификата <С> 23 Piezīmes * Poznámka * 22 Pastaba* 7 23

положително от съгласно

<A>'da belirtildiği gibi ve <C> Sertifikasına göre tarafından olumlu olarak değerlendirildiği gibi. * ₽

<A> DAIKIN.TCF.015 N9/01-2011

<C> 74736-KRQ/EMC97-4957 KEMA Quality B.V.

DAIKIN

Certificado <C>.

Manager Quality Control Department Shinri Sada

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

- KONFORMITÄTSERKLÄRUNG - DECLARATION-DE-CONFORMITE - CONFORMITEITSVERKLARING DECLARATION-OF-CONFORMITY គុគុគុគុ

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

CE - DECLARAÇÃO-DE-CONFORMIDADE CE - 3AABJIEHÍVE-O-COOTBETCTBUV CE - OPFYLDELSESERKLÆRING CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELSE

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CE - ATTIKTIES-DEKLARACIJA CE - ATBILSTIBAS-DEKLARĀCIJA CE - VYHLÁSENIE-ZHODY CE - UYUMLULUK-BILDIRISI

Daikin Industries, Ltd.

01 (GB) declares under its sole responsibility that the equipment to which this declaration relates:

02 (D) erklärt auf seine alleinige Verantwortung, dass diese Ausrüstung, für die diese Erklärung bestimmt ist: 03 (F) déclare sous sa seule responsabilité que l équipement visé par la présente déclaration:

04 (NL) verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de apparatuur waarop deze verklaring betrekking heeft:

05 (E) declara bajo su única responsabilidad que el equipo al que hace referencia la declaración: 06 (I) dichiara sotto la propria responsabilità che gli apparecchi a cui è riferita questa dichiarazione:

07 (GR) δηλώνει με αποκλειστική της ευθύνη ότι ο εξοπλισμός στον οποίο αναφέρεται η παρούσα δήλωση: 08 (P) declara sob sua exclusiva responsabilidade que os equipamentos a que esta declaração se refere:

09 (выз заявляет, исключительно под свою ответственность, что оборудование, к которому относится настоящее заявление:

10 (DK) erklærer som eneansvarlig, at udstyret, som er omfattet af denne erklæring:

11 (S) deklarerar i egenskap av huvudansvarig, att utrustningen som berörs av denna deklaration innebär att:

15 (HB) izjavljuje pod isključivo vlastitom odgovornošću da oprema na koju se ova izjava odnosi: 14 CZ prohlašuje ve své plné odpovědnosti, že zařízení, k němuž se toto prohlášení vztahuje: 13 (Fiv.) ilmoittaa yksinomaan omalla vastuullaan, että tämän ilmoituksen tarkoittamat laitteet:

19 👀 z vso odgovornostjo izjavlja, da je oprema naprav, na katero se izjava nanaša:

21 (в в) декларира на своя отговорност, че оборудването, за което се отнася тази декларация:

23 🕑 ar pilnu atbildību apliecina, ka tālāk aprakstītās iekārtas, uz kurām attiecas šī deklarācija:

RXG25K2V1B, RXG35K2V1B

12 (N) erklærer et fullstendig ansvar for at det utstyr som berøres av denne deklarasjon, innebærer at:

16 (H) teljes felelőssége tudatában kijelenti, hogy a berendezések, melyekre e nyilatkozat vonatkozik:

17 (2) deklaruje na własną wyłączną odpowiedzialność, że urządzenia, których la deklaracja dotyczy; 18 (3) declara pe proprie ráspundere cá echipamentele la care se referá aceastá declarajte:

20 (EST) kinnitab oma täielikul vastutusel, et käesoleva deklaratsiooni alla kuuluv varustus:

22 (LT) visiška savo atsakomybe skelbia, kad įranga, kuriai taikoma ši deklaracija:

24 (®) vyhlasuje na vlastnú zodpovednost, že zariadanie, na ktoré sa vzťahuje toto vyhlasenie: 25 (®) tamamen kendi socumlutugunda olmak úzere bu bildirinin ligli oldugu donamminn aşağıdaki gibi olduğunu beyan eder:

01 is in conformity with the provisions of:
02 den folgenden Bestimmungen entspricht:
03 est conforme aux prescriptions de:
04 conform is met de bepalingen van:
05 cumple las disposiziones según:
06 è conforme alle disposizioni di:

07 συμμορφώνεται με τις διατάξεις του: 08 está conforme ao articulado em: 09 соответствует положениям: 10 lever op til kravene i:

12 er i samsvar med bestemmelsene i: 11 upptyller bestämmelserna i:

vorausgesetzt, dass die Ausrüstung gemäß der von uns gegebenen Instruktionen und Anleitungen verwendet wird.

01 provided that the equipment is used in accordance with our instructions.

09 pour autant que l'équipement soit utilisé conformément à nos instructions.

14 op voorwaarde dat de apparatuur overeenformistig onze instructies wordt gebuikt.

26 siempre que el equipo se utilice de conformidad con nuestras instrucciones.

6a partit che l'apparection evang usan in conformit à alle nostre sisturcioni.

20 on vastavuses järgmiste nõuetega: 21 съответства на разпоредбите на: 22 atitinka nustatytus reikalavimus: 23 atbilst prasībām, kas noteiktas: 24 je v zhode s ustanoveniami: 19 je usklajen z določbami: 16 megfelel a következő irányadó dokumentum(ok)nak: 17 pozostaje w zgodności z postanowieniami: 18 este în conformitate cu prevederile: 14 vyhovuje podmínkám ustanovení: 13 vastaavat seuraavia vaatimuksia: 15 ispunjava slijedeće:

07 υπό την προϋπόθεση ότι ο εξοπλισμός χρησιμοποιείται σύμφωνα με τις οδηγίες μας. **08** desde que o equipamento seja utilizado em conformidade com as nossas instruções. 25 hükümleri ile uyumludur:

14 za předpokladu, že zařízení je používáno v souladu s našími pokyny. 17 pod warunkiem eksploatacji urządzenia zgodnie z treścią instrukcji. 13 edellyttäen, että laitteistoa käytetään ohjeidemme mukaisesti 16 ha a berendezést az előírásainknak megfelelően használják. 15 da se oprema koristi u skladu s našim uputama. 09 при условии, что данное оборудование эксплуатируется в соответствии с нашими инструкциями.

10 forudsat at udstyret anvendes i henhold til vores anvisninger.
11 under förutsättning att utrustningen används i enlighet med våra instruktioner.

12 forutsatt at utstyret brukes i henhold til våre instruksjoner.

07 Η Daikin Europe Ν.V. είναι εξουσιοδοτημένη να συντάξει τον Τεχνικό φάκελο κατασκευής. 08 A Daikin Europe N.V. está autorizada a compliar a documentação técnica de fabrico.
09 Компания Daikin Europe N.V. уполномочена составить Комплект технической документации. 10 Daikin Europe N.V. er autoriseret til at udarbejde de tekniske konstruktionsdata.

11 Daikin Europe N.V. är bemyndigade att sammanställa den tekniska konstruktionsfilen. 12 Daikin Europe N.V. har tillatelse til å kompilere den Tekniske konstruksjonsfilen.

19 pod pogojem, da se oprema uporablja v skladu z našimi navodili. 20 kui varustust kasutatakse vastavalt meie juhenditele.

25 Direktifi (geçerlilik başlangıcı 29/12/2009),

24 Smernica (platná od 29.12.2009)

17 Dyrektywa (ważna od dnia 29/12/2009), 16 Irányelv (hatályba lépés: 2009.12.29.)

18 Directiva (valabilă din 29/12/2009).

21 Директива (валидна от 29/12/2009), 20 Direktiiv (kehtiv alates 29/12/2009), **22** Direktyva (galioja nuo 2009 12 29), **23** Direktīva (spēkā no 29/12/2009),

19 Direktiva (v veljavi od 29.12.2009)

13 Direktiivi (voimassa 29.12.2009 alkaen),

14 Směrnice (platná od 29/12/2009), 15 Direktiva (vrijedi od 29/12/2009),

08 Directiva (em vigor desde 29/12/2009), 09 Директива (действует с 29/12/2009), 10 Direktiv (gældende fra 29/12/2009), 11 Direktiv (giltigt från 2009-12-29), 12 Direktiv (gyldig fra 29.12.2009),

03 Directive (valable à partir du 29/12/2009)

01 Directive (valid from 29/12/2009), **02** Richtlinie (gültig ab 29/12/2009) 04 Richtlijn (geldig vanaf 29/12/2009), 05 Directiva (válido desde 29/12/2009),

Machinery 2006/42/EC

06 Direttiva (valida dal 29/12/2009),

07 Οδηγία (ισχύει από 29/12/2009),

21 при положение, че оборудването се използва в съответствие с нашите инструкции.

22 su saļyga, kad įranka naudojama pagal pateiktas instrukcijas.
23 ar nosacījumu, ka iekārtas tiek lietotas saskaņā ar mūsu instrukcijām.

24 za predpokladu, že sa zariadenie používa v súlade s našími pokynmi. 25 ekipmanın talimatlarımız doğrultusunda kullanılması koşuluyla.

18 cu condiția ca echipamentul să fie utilizat în conformitate cu instrucțiunile noastre.

13 Daikin Europe N.V. on valtuutettu laatimaan Teknisen asiakirjan.

19 Daikin Europe N.V. je pooblaščen za sestavo datoteke s tehnično mapo.

20 Daikin Europe N.V. on volitatud koostama tehnilist dokumentatsiooni.
21 Daikin Europe N.V. е оторизирана да състави Акта за текническа конструкция. 22 Daikin Europe N.V. yra įgaliota sudaryti šį techninės konstrukcijos failą.

23 Daikin Europe N.V. ir autorizēts sastādīt tehnisko dokumentāciju.

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15 Daikin Europe N.V. je ovlašten za izradu Datoteke o tehničkoj konstrukciji. 16 A Daikin Europe N.V. jogosult a műszaki konstrukciós dokumentáció összeállítására.

18 Daikin Europe N.V. este autorizat să compileze Dosarul tehnic de construcție.

24 Spoločnosť Daikin Europe N.V. je oprávnená vytvoríť súbor technickej konštrukcie.
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05 Dalkin Europe N.V. Berbergd on en Perlonisch Construction Serione in stellen.
06 Dalkin Europe N.V. et autorizzata a redigere il File Tecnico di Costruzione.

01 Daikin Europe N.V. is authorised to compile the Technical Construction File.



3SB64417-13L

Manager Quality Control Department Shinri Sada

102

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

01 Addendum to instructions delivered with the equipment:

The English text is the original instruction. Other languages are translations of the original instructions. 02 Ergänzung zu den mit der Ausrüstung gelieferten Instruktionen:

Bei der englischen Textfassung handelt es sich um das Original. Bei den Anleitungen in anderen Sprachen handelt es sich um Übersetzungen des Originals.

03 Addendum aux instructions fournies avec I équipement:

Le texte anglais correspond aux instructions d origine. Les autres langues sont les traductions des instructions d origine.

04 Bijvoegsel voor bij de apparatuur geleverde instructies: De Engelse tekst is de oorspronkelijke versie. Andere talen zijn vertalingen van de oorspronkelijke instructies.

05 Anexo a las instrucciones suministradas con el equipo: El texto en inglés constituye las instrucciones originales. El resto de los idiomas son traducciones de las instrucciones originales.

Il testo in inglese corrisponde alle istruzioni originali. Le altre lingue sono traduzioni delle istruzioni originali.

06 Aggiunta alle istruzioni in dotazione con I apparecchio:

07 Ποράστημα δοξηγών που παρέχονται με τον έξοπλαμά: Το αγγλικό κείμενο είναι οι πρωτότυπες οδηγίες. Οι άλλες γλώσαες είναι μεταφράσεις των πρωτότυπων οδηγιών. 08 Adenda às instruções fornecidas com o equipamento:

As instruções foram redigidas originalmente em inglês. As versões noutras línguas são traduções da redacção original.

Оригиналом инструкции является текст на английском языке. Текст на других языках является переводом с оригинала. 09 Дополнение к инструкциям, прилагаемым к оборудованию:

10 Tillæg til vejledningen leveret sammen med dette udstyr:

Vejledningens originalsprog er engelsk. Andre sprog er oversættelser af den originale vejledning. 11 Tillågg till instruktionerna som medföljde utrustningen:

Den engelska texten är originalinstruktionerna. Övriga språk är översättningar av originalinstruktionerna. 12 Tillegg til instruksjoner som følger med utstyret:

Den engelske teksten inneholder originalinstruksjonene. Andre språk er oversettelser av originalinstruksjonene. 11. Lägy latitelstom mikkana brimtelutinn öhlestin: 11. Gajannivileitien tekst on akuperalinen ohle. Muul kielet ovat alkuperäisten ohjeiden käännöksiä. 14 Dodatek k pokyndim dodavaným k zařízení.

Originální návod je v angličtině. Ostatní jazyky jsou překladem originálního návodu. 15 Dodatak uputama isporučením s opremom:

Engleski tekst je originalna uputa. Ostali jezici su prijevodi originalne upute. 16 Klegészítés a berendezéshez mellékelt útmutatóhoz: Az útmutató eredeli szövege az angol nyelvű szöveg. A többi nyelvű változat az útmutató eredeli szövegének a fordítása.

17 Uzupehilenie informacji odnośnie instrukcji dostarczanych z urządzeniem: Oryginal instrukcji opracowano w języku angielskim. Instrukcje w pozostałych językach są tłumaczeniami instrukcji oryginalnej. 18 Anexă la instrucţiunile livrate cu echipamentul:

Textul în limba engleză este instrucțiunea originală. Celelalte limbi sunt traducerile instrucțiunilor originale. 19 Dodatek k navodilom, priložen opremi:

Izvorni jezik teh navodil je angleščina. Navodila v drugih jezikih so prevodi navodil v izvomem jeziku. 20 Lisa varustusega koos tarnitud juhenditele:

Ingliskeelne tekst on originaaljuhend. Teised keeled on originaaljuhendite tõlked. 21 Допълнение към инструкциите, предоставени с оборудването:

Текстът на английски език е оригиналната инструкция. Текстовете на останалите езици са преводи на оригиналните инструкции,

22 Priedas prie instrukcijų, pristatytų su įranga:

Angliškas tekstas yra originali instrukcija. Tekstai kitomis kalbomis yra šios instrukcijos originalo vertimas. 23 Papildinājums kopā ar iekārtām piegādātajām instrukcijām:

Originală instrukcija ir teksts anglu valodă. Teksti părăjăs valodas îr originălo instrukciju tulkojumi.
24 Doplinok prokynom doparajmir spolu so zariadenim:
Opicialny vakod je vangičine. Ostatne jazyky su preklady originâlneho návodu.
25 Ekipman ile birlikte verilen talimatlara ek.

İngilizce metin asıl talimattır. Diğer diller asıl talimatların çevirileridir.

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

MARNING 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.

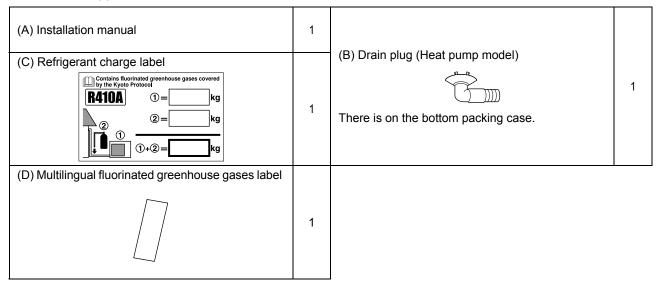
 Do not install the air conditioner at any place where there is a danger of flammable gas leakage. In the event of a gas leakage, build-up of gas near the air conditioner may cause a fire to break out.



- 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:



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.

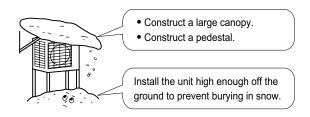
NOTE

Cannot be installed hanging from ceiling or stacked.

⚠ CAUTION -

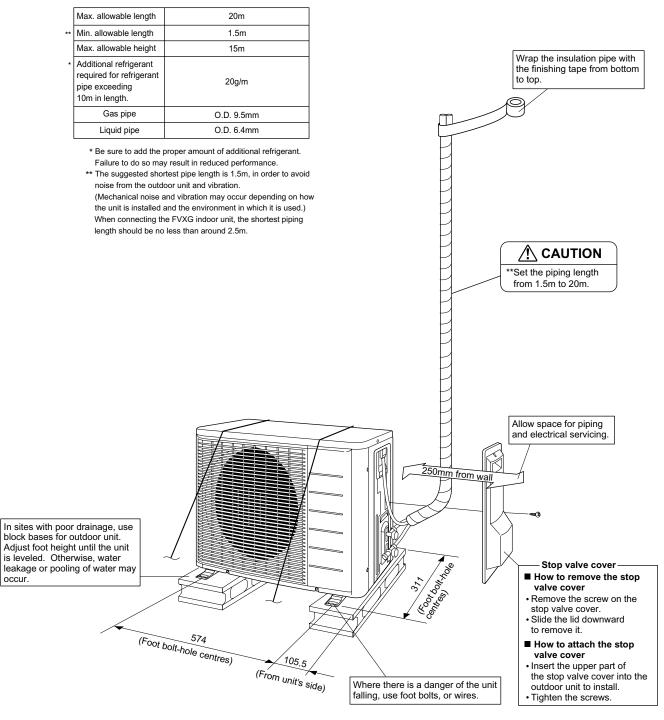
When operating the air conditioner in a low outdoor ambient temperature, be sure to follow the instructions described below.

- 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.



■English

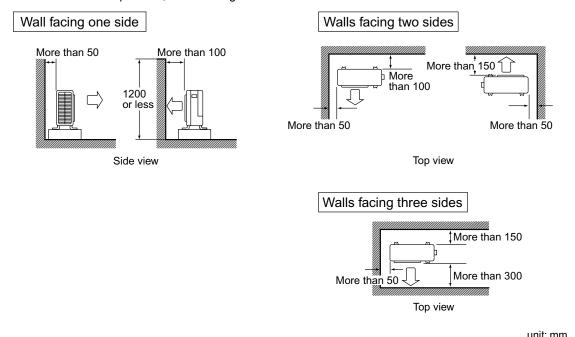
Outdoor Unit Installation Drawings



unit: mm

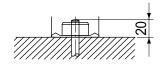
Installation Guidelines

- · 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.



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.



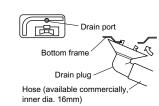
Outdoor Unit Installation

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.)

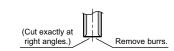


■English 4

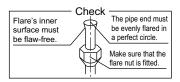
Outdoor Unit Installation

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



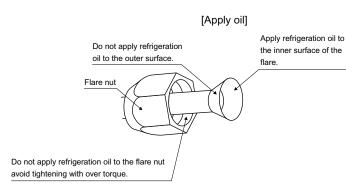
⚠ WARNING

- · 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			
3/8 inch	1/4 inch			
32.7-39.9N • m	14.2-17.2N • m			
(333-407kgf • cm)	(144-175kgf • cm)			

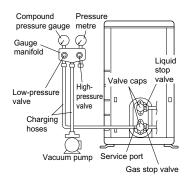
Valve cap tightening torque				
Gas side	Liquid side			
3/8 inch	1/4 inch			
21.6-27.4N • m (220-280kgf • cm)	21.6-27.4N • m (220-280kgf • cm)			
Service port cap	10.8-14.7N • m			
tightening torque	(110-150kgf • cm)			

5. Purging air and checking gas leakage

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

MARNING -

- · 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 exists. 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**

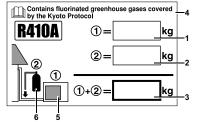
(1) GWP = global warming potential

Please fill in with indelible ink,

- i 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.

Be sure to place a cap. If no flare cap is available, cover the flare mouth with tape to keep dirt or water out.

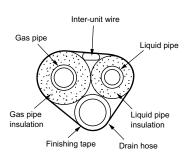
7-2 Selection of copper and heat insulation materials

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

- 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.
- Be sure to insulate both the gas and liquid piping and to provide insulation dimensions as below.

Liquid side	Gas pipe thermal insulation	Liquid pipe thermal insulation			
O.D. 6.4mm	I.D. 12-15mm	I.D. 8-10mm			
Minimum bend radius		Thickness 10mm Min.			
or more					
Thickness 0.8mm (C1220T-O)					
	O.D. 6.4mm end radius or more	thermal insulation O.D. 6.4mm I.D. 12-15mm end radius Thickness or more			

3) Use separate thermal insulation pipes for gas and liquid refrigerant pipes.

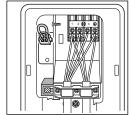


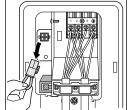
Standby Electricity Saving

The standby electricity saving function turns off power supply to the outdoor unit and sets the indoor unit into standby electricity saving mode, thus reducing the power consumption of the air conditioner.

♠ CAUTION -

- · The standby electricity saving function cannot be used for models other than the specified ones.
 - Procedure for turning on standby electricity saving function
 - 1) Check that the main power supply is turned off. Turn it off if has not been turned off.
 - 2) Remove the stop valve cover.
 - 3) Disconnect the selective connector for standby electricity saving.
 - 4) Turn on the main power supply.





Standby electricity saving function off.

function on.

The standby electricity saving function is turned off

⚠ CAUTION

- · Before connecting or disconnecting the selective connector for standby electricity saving, make sure that the main power supply is turned off.
- The selective connector for standby electricity saving is required if an indoor unit other than the above applicable ones is

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.

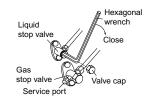
■ Using the indoor unit's remote controller

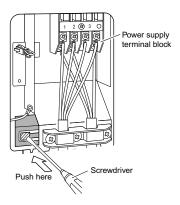
- 1) Press "MODE" button and select the cooling mode.
- 2) Press "ON/OFF" button to turn on the system.
- 3) Press both of "TEMP" button and "MODE" button at the same time.
- 4) Press "MODE" button twice. (7 will be displayed and the unit will enter trial operation.)
- · Trial operation will stop automatically after around 30 minutes. To stop trial operation, press "ON/OFF" button.

■ Using the outdoor unit forced cooling operation switch (with standby electricity saving function turned off)

Push on "(SW1) with a screwdriver. (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).





The selective connector for standby electricity saving in use (with standby electricity saving function turned off)

⚠ CAUTION

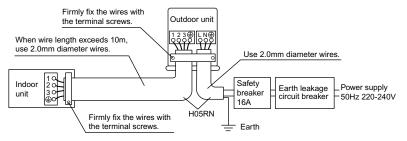
- When pressing the switch, do not touch the terminal block. It has a high voltage, so doing so may cause electric shock.
- After closing the liquid stop valve, close the gas stop valve within 3 minutes, then stop the forced operation.

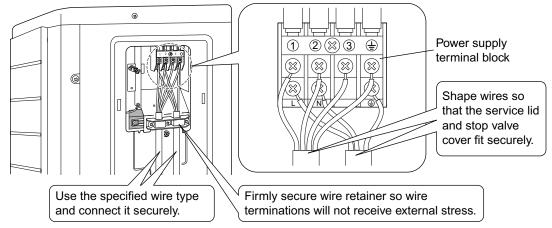
Wiring

⚠ 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.
- · Do not turn on the safety breaker until all work is completed.
 - 1) Strip the insulation from the wire (20mm).
 - 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. The screws are packed with the terminal board.





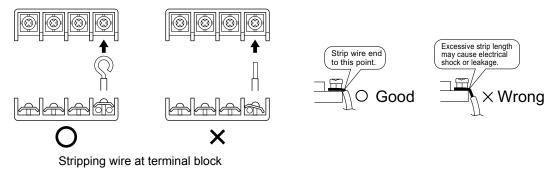
Observe the notes mentioned following when wiring to the power supply terminal board. Precautions to be taken for power supply wiring.

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.



⚠ 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.

■English 10

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.
- 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.
- 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 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.

DAIKIN EUROPE NV

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

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

Zandvoordestraat 300, B-8400 Oostende, Belgium

