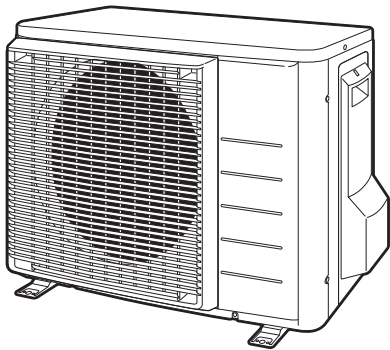


DAIKIN

INSTALLATION MANUAL

R32 Split Series

INVERTER



Models

ARXM25M2V1B

ARXM35M2V1B

ARXP20K3V1B

ARXP25K3V1B

ARXP35K3V1B

RXJ20M2V1B

RXJ25M2V1B

RXJ35M2V1B

RXM20M2V1B

RXM25M2V1B

RXM35M2V1B

RXP20K3V1B

RXP25K3V1B

RXP35K3V1B

Installation manual
R32 Split series

English

Installationsanleitung
Split-Baureihe R32

Deutsch

Manuel d'installation
Série split R32

Français

Montagehandleiding
R32 Split-systeem

Nederlands

Manual de instalación
Serie Split R32

Español

Manuale d'installazione
Serie Multiambienti R32

Italiano

Εγχειρίδιο εγκατάστασης
Διαιρούμενης σειράς R32

Ελληνικά

Manual de Instalação
Série split R32

Portugues

Руководство по монтажу
Серия R32 с раздельной установкой

Русский

Montaj kılavuzları
R32 Split serisi

Türkçe

CE - DECLARATION-OF-COMFORMITY
 CE - KONFORMITÄTSPRÄKLÄRUNG
 CE - DICHIARAZIONE-DI-CONFORMITÀ
 CE - DECLARATION-DE-CONFORMITE
 CE - CONFORMITÄTSPRÄKLÄRUNG

Daikin Industries Czech Republic s.r.o.

- 01 (en) declares under its sole responsibility that the air conditioning models to which this declaration relates;
- 02 (d) erklärt auf seine alleinige Verantwortung das die Modelle der Klimaanlage für die diese Erklärung bestimmt ist;
- 03 (f) déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration;
- 04 (nl) verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft;
- 05 (e) declara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración;
- 06 (it) dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione;
- 07 (en) δηλώνει με αποκλειστική της ευθύνη ότι τα προϊόντα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση;
- 08 (e) declara sub sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere.

RXM20M2V1B, RXM25M2V1B, RXM35M2V1B, RXJ20M2V1B, RXJ25M2V1B, RXJ35M2V1B, ARXM25M2V1B, ARXM35M2V1B,

- 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 (de) den folgenden Norm(en) oder einem anderen Normdokument oder -dokumenten entspricht/entsprechen, unter der Voraussetzung, dass sie gemäß unserer Anweisungen eingesetzt werden;
- 03 sont conformes à laux normes(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 las(s) siguiente(s) norma(s) u otro(s) documento(s) normativo(s), 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 τις ακόλουθες(ες) προδιαγραφές(ες) ή άλλα έγγραφα(τα) κανονιστικά, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας;
- 08 are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions;
- 09 соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям;
- 10 overholder følgende standard(er) eller andre relevante retningslinjer/veiledende dokument(er), forudsat at 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 anvisning sler i överensstämmelse med våra instruktioner;
- 12 respektive uslavy er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er), under forudsætning af at disse bruges i henhold til våre instruksjoner;
- 13 astasauri seuraavat standardit ja niiden ohjeellisten dokumenttien vaatimuksia edellyttäen, että niitä käytetään ohjeidemme mukaisesti;
- 14 za predložku, že jsou vyvíjeny v souladu s našimi pokyny, odpovídá následujícími normám nebo normativním dokumentům;
- 15 u skladu sa sledjećim standardom(ima) ili drugim normativnim dokumentom(ima), uz uvjet da se oni koriste u skladu s našim uputama;
- 16 Megjegyzés* alól <A> alábbi alól gazdala a megjelölt, az szerinti előírásoknak és elírásoknak megfelelően;
- 17 zgodnie z postanowieniami Dyrektyw:
- 18 in urma prevederilor:
- 19 ob upoštevjanju dobic;
- 20 vastavalt nõuetele;
- 21 enligt villkoren i:
- 22 cenzuravak uslozavane na:
- 23 noudattain määräyksiä;
- 24 odzharajuci ustanovienja;
- 25 bunun kosuliamna ugun otarak;
- 26 Not* as set out in <A> and judged positively by
- 27 Izjavuot* wie in <A> aufgeführt und von positiv beurteilt gemäß Zertifikat <C>
- 28 Remarque* tel que défini dans <A> et évalué positivement par conformément au Certificat <C>
- 29 Bemerk* zoals vermeld in <A> en positief beoordeeld door overeenkomstig Certificaat <C>
- 30 Nota* como se establece en <A> y es valorado positivamente por de acuerdo con el Certificado <C>
- 31 Nota* as set out in <A> and judged positively by
- 32 Izjavuot* wie in <A> aufgeführt und von positiv beurteilt gemäß Zertifikat <C>
- 33 Remarque* tel que défini dans <A> et évalué positivement par conformément au Certificat <C>
- 34 Bemerk* zoals vermeld in <A> en positief beoordeeld door overeenkomstig Certificaat <C>
- 35 Nota* como se establece en <A> y es valorado positivamente por de acuerdo con el Certificado <C>

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 je Tlpijoni, nav Otridžovov, nav:
- 08 de acordo com o previsto em:
- 09 в соответствии с положениями:
- 10 Note* as set out in <A> and judged positively by
- 11 Informaot* enligt <A> och godkänns av enligt Certifikat <C>
- 12 Merk* som det framkommer <A> og gjennom positiv bedømmelse av ifølge Sertifikaat <C>
- 13 Huom* pitka on esitetty asatarkassa <A> ja joka on hyväksynyt Sertifikaatin <C> mukaisesti.
- 14 Poznámka* jak bylo uvedeno v <A> a pozitivně zjištěno v souladu s osvědčením <C>
- 15 Napomena* kako je izloženo u <A> pozitivno ocijenjeno od strane prema Certifikatu <C>
- 16 Megjegyzés* alól <A> adataján alól igazolta a megjelölt, az szerinti előírásoknak és elírásoknak megfelelően;
- 17 zgodnie z postanowieniami Dyrektyw:
- 18 in urma prevederilor:
- 19 ob upoštevjanju dobic;
- 20 vastavalt nõuetele;
- 21 enligt villkoren i:
- 22 cenzuravak uslozavane na:
- 23 noudattain määräyksiä;
- 24 odzharajuci ustanovienja;
- 25 bunun kosuliamna ugun otarak;

**Low Voltage 2006/95/EC
 Machinery 2006/42/EC ****

Electromagnetic Compatibility 2004/108/EC *

- 16 Megjegyzés* alól <A> alábbi alól igazolta a megjelölt, az szerinti előírásoknak és elírásoknak megfelelően;
- 17 Uwaga* zgodnie z dokumentacją <A> pozytywną opinię wydał Szwajcercem <C>
- 18 Nota* așa cum este stabilit în <A> și aprobat pozitiv de în conformitate cu Certificatul <C>
- 19 Opomba* kol je določeno v <A> in odobreno s strani v skladu s osvedčenjem <C>
- 20 Märkus* nagu on näidatud dokumentis <A> ja heakis kiidatud järgi vastavalt sertifikaadile <C>
- 21 Zabeleška* kako je iskazano u <A> i ocijeneno pozitivno od prema Certifikatu <C>
- 22 Pasaba* kapu istaydya <A> ni kapu legimna ishay gata papa Sertifikat <C>
- 23 Pozmes* ka nardilis <A> ni atistolis pozitivnag veyajumasa sakajaa ar Sertifikatu <C>
- 24 Poznámka* ako bolo uvedené v <A> a pozítivne zistené v súlade s osvedčením <C>
- 25 Not* nagu on näidatud dokumentis <A> ja heakis kiidatud järgi vastavalt sertifikaadile <C>

- 13* DICZ*** je povlašćen za sestavo datoteke s tehničko asistiranje.
- 14** Společnost DICZ*** má oprávnění ke kompletní souborní technické konstrukci.
- 15** DICZ*** je ověřen za zřetel Dátobřeke o technické konstrukci.
- 16** A DICZ*** popouit a mšszak konstrukci dokumentaci oszaallására.
- 17** DICZ*** má povolenie do zberania opracovovania dokumentáci konštrukci jeje.
- 18** DICZ*** este autorizat sa completeze Desaturul tehnic de constructie.
- 07** H DICZ*** évi éssouodómjón va oviróer tov Tývákó fóokó kotórouf.
- 08** A DICZ*** está autorizada a compilar a documentação técnica de fábrica.
- 09** Компания DICZ*** уполномочена составлять Коммент-технические документы.
- 10** DICZ*** er autoriseret til at udarbejde de tekniske konstruktionsdata.
- 11** DICZ*** är berettigad att sammanställa den tekniska konstruktionsfilen.
- 12** DICZ*** har tillatelse til å kompilere den tekniske konstruktionsfilen.

- 19** DICZ*** je povlašćen za sestavo datoteke s tehničko mapo.
- 20** DICZ*** on voliatud koostama tehnilist dokumentatsiooni.
- 21** DICZ*** e omprajakana pa oscurva Akra za tehnická konstrukciya.
- 22** DICZ*** va igalita sudanyi štj tehničes konstrukciójos fajla.
- 23** DICZ*** ir autorizēts sastādīt tehnisko dokumentāciju.
- 24** Spoločnosť DICZ*** je oprávnená vytvoriť súbor technické konštrukcie.
- 25** DICZ*** Technik Yapan Boyasayisi delemeye yaklıdır.

CE - IZJAVA-O-USKLADENOSTI
 CE - MEGFELELŐSÉGI NYILATKOZAT
 CE - DEKLARACIJA ZGODNOSTI
 CE - DECLARATIE DE CONFORMITATE

CE - IZJAVA O SKLADENOSTI
 CE - VASTAVUSDEKLARACIJA
 CE - ATBILSĪBAS DEKLARĀCIJA
 CE - VYHLÁŠENIE ŽODY
 CE - UYGUNLUK BEYANI

- 17 (nl) deklarieer de overeenstemming met de technische specificaties van de afgeleverde apparatuur, op voorwaarde dat deze worden gebruikt overeenkomstig onze instructies;
- 18 (en) declares under its sole responsibility that the air conditioning models to which this declaration relates;
- 19 (de) erklärt auf seine alleinige Verantwortung das die Modelle der Klimaanlage für die diese Erklärung bestimmt ist;
- 20 (nl) verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft;
- 21 (en) declara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración;
- 22 (it) dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione;
- 23 (en) δηλώνει με αποκλειστική της ευθύνη ότι τα προϊόντα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση;
- 24 (e) declara sub sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere;
- 25 (tr) lamamen kendi sorumluluğunda olmak üzere bu bildirim için iklim modellerinin aşağıdaki gibi olduğunu beyan eder;

- 16 megjelöltek az alábbi szabvány(ok)nak vagy egyéb irányított dokumentum(ok)nak, ha azokat előírás szerint használják;
- 17 megfelelnek a következő szabvány(ok)nak vagy egyéb irányított dokumentum(ok)nak, ha azokat előírás szerint használják;
- 18 sunt în conformitate cu următoarele (următoarele) standarde (sau alte) documente (normative), cu condiția ca acestea să fie utilizate în conformitate cu instrucțiunile noastre;
- 19 skladni z naslednjih standardov in drugih normativnih dokumentov, pod pogojem, da se uporabljajo v skladu z našimi navodili;
- 20 en vastavalt følgende standard(er) og andre relevante retningslinjer/veiledende dokument(er), forudsat at disse anvendes i henhold til vore instrukser;
- 21 соответствуют следующим стандартам или другим нормативным документам, при условии, что они используются согласно нашим инструкциям;
- 22 alinaa žemiau nurodytus standartus ir (arba) kitus norminius dokumentus su sąlyga, kad yra naudojami pagal mūsų nuroymus;
- 23 tad, je leidi atbilstošai raščyba norėjumiems, atbaki sekisšiem standartien un citien normatīvie dokumenti.
- 24 su v zhdze d nasledovny(m) normam(ami) alebo inym(i) normativnym(i) dokumentom(ami), za predpokladu, že sa používajú v súlade s našimi návodmi;
- 25 irunin, laikiamamzra gėre kulimamzra kasulyje apšęđđeki standartai ne norm beifinan begetere ymuiduri.
- 19 Direktive i zemi spremembami.
- 20 Direktivó kos muidatstępa.
- 21 Dļecskriev, c rekvire izmęnēna.
- 22 Direktīvoss su papulymais.
- 23 Direktivās un to papildinājums.
- 24 Smeņnice, karko je izmęjēno.
- 25 Dęđštinimš halieryje Yonetmeliker.
- 10 Direktive i med senere ændringer.
- 11 Direktiv, med foretagne ændringer.
- 12 Direktive, med foretatte endringer.
- 13 Direktiveja, selaišna kuni ne ovat muuttuneita.
- 14 v platném znení.
- 15 Smeņnice, karko je izmęjēno.
- 16 irānyje (ek) šis modisistāsk renoklezēsāt.
- 17 z pōzņęjšymj papravām.
- 18 Direktivehor, ar amēndamēntele respective.



Tetsuya Baba
 Managing Director
 Pilsen, 1st of Dec. 2015

DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.
 U Nové Hospody 1/1155, 301 00 Píseň Skvrňany,
 Czech Republic

3P394245-7F

CE - DECLARATION-OF-COMFORMITY
 CE - KONFORMITÄTSERKLÄRUNG
 CE - DICHIARAZIONE-DI-CONFORMITÀ
 CE - DECLARATION-DE-CONFORMITE
 CE - CONFORMITÄTSSVERKLÄRUNG

Daikin Industries Czech Republic s.r.o.

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

RXP20K3V1B, RXP25K3V1B, RXP35K3V1B, ARXP20K3V1B, ARXP25K3V1B, ARXP35K3V1B

- 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 (de) den folgenden Norm(en) oder einen anderen Normdokument oder -dokumenten entspricht/entsprechen, unter der Voraussetzung, dass sie gemäß unserer Anweisungen eingesetzt werden;
- 03 sont conformes à la(s) norme(s) ou autre(s) document(s) normatif(s), 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 al(l) 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 τις ακόλουθες(ες) προδιαγραφές(ες) ή άλλα έγγραφα(τα) κανονιστικά, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας;
- 08 (en) 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 τη βάση των οδηγιών των:
- 08 de acordo com o previsto em:
- 09 в соответствии с положениями:
- 10 Note * as set out in <A> and judged positively by
- 11 Hinweis * wie in <A> aufgeführt und von positiv beurteilt gemäß Zertifikat <C>
- 12 Remark * tel que défini dans <A> et évalué positivement par conformément au Certificat <C>
- 13 Bemerk * zoals vermeld in <A> en positief beoordeeld door overeenkomstig Certificaat <C>
- 14 Nota * como se establece en <A> y es valorado positivamente por de acuerdo con el Certificado <C>
- 15 Note * as set out in <A> and judged positively by
- 16 Nota * delimita nel <A> e giudicato positivamente da secondo il Certificato <C>
- 17 Merk * ómuk, defínirútu mu <A> xat kórketa fénika ómó to ojúpámu mo to fírotonómio <C>
- 18 Huom * tai komi estabiecedo em <A> e com o parecer positivo de de acordo com o Certificado <C>
- 19 Poznámka * jak bylo uvedeno v <A> a pozitivně zjištěno v souladu s ověřením <C>
- 20 Napomena * kako je izloženo u <A> pozitivno ocijenjeno od strane prema Certifikatu <C>
- 21 Information * enigi <A> oni goklans av enigi Certifikaat <C>
- 22 Merk * som det fremkommer <A> og gjennom positiv bedømmelse av ifølge Sertifikaat <C>
- 23 Huom * pitka on esitetty asiakirjässä <A> ja joka on hyväksynyt Sertifikaatin <A> mukaisesti.
- 24 Poznámka * jak bylo uvedeno v <A> a pozitivně zjištěno v souladu s ověřením <C>
- 25 Napomena * kako je izloženo u <A> pozitivno ocijenjeno od strane prema Certifikatu <C>

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- 19 ob upoštevjanju dobic;
- 20 vastavalt nõuetele;
- 21 с предважкото възраване на;
- 22 takanis noutuuli, patikkiam;
- 23 leveröjöt presības, kas noteiktas;
- 24 održavajući ustanovljena;
- 25 bunun kullarılma uşun ödarak;
- 26 upoštevajući dobic;
- 27 enligt vilkoren i;
- 28 с предважкото възраване на;
- 29 noudattien määräykset;
- 30 задържаните установени предписи;
- 31 prema odredbama;
- 32 követeli a(z);
- 33 zgodnie z postanowieniami Dyrektyw;
- 34 in urma prevederilor;

CE - ERKLÄRUNG OM-SAMSVAR
 CE - ILMOITUS-YHDENMUKAISUDESTA
 CE - DEKLARACIJA-ZGODNOSCI
 CE - DECLARATIE-DE-CONFORMITATE

- 09 (en) заявляет, исключительно под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящее заявление;
- 10 (de) erklärt unter ernstlich, at klimaanlegsmødelerne, som denne deklaration vedrører;
- 11 (s) deklarerar i egerskap av husholdningsvåg, att luftkonditioneringsmodellerna som berörs av denna deklaration innebär att;
- 12 (nl) erklert hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioningsmodellen waarop deze verklaring betrekking heeft;
- 13 (en) ilmoittaa yksinomaan omalla vastuullaan, että lämmönilmoituslaitteet, joihin tämä julistus liittyy, on valmistettu sellä tavalla, että ne täyttävät vaatimukset, jotka on esitetty asiakirjassa <A> ja jotka on hyväksynyt sertifikaatissa <A> mukaisesti.
- 14 (cz) prohlašuje ve své plné odpovědnosti, že modely klimatizace, k nimž se toto prohlášení vztahuje;
- 15 (hr) izjavljuje pod isključivom svojom odgovornošću, da su modeli klima uređaja na koje se ova izjava odnosi;
- 16 (it) telega l'elezione l'udabilità kijelent, hogy a klímaberendezés modellek, melyekre e nyilatkozat vonatkozik;

CE - IZJAVA O SKLADNOSTI
 CE - VASTAVUŠEKLARACIJA
 CE - DEKLARACIJA-ZGODNOSCI
 CE - DECLARATIE-DE-CONFORMITATE

- 17 (nl) deklareer na vrsna, ukykazna odgovornost, že modele klimatizatorov, klojchm odvzocj ninesza deklaracija;
- 18 (de) decartă pe proprie răspundere că aparatele de aer condiționat la care se referă această declarație;
- 19 (cs) z vso odgovorností uvádja, da so modeli klimatizkch naprv, na katere se izjava nanaša;
- 20 (en) kmitab ova lalekhu vastuutsei, et klesovei deklaratsioni ala kuuluvad klimasadamete mudeld;
- 21 (en) deklariira na sobo otvorochno, že modeleri klimaticheskii instalatsionni, za komo ce omnach tsav deklaratsionni;
- 22 (it) vssika savo atsakomnoe sloboda, kad oro kondicionirno prelasov modelai, kuriems yra laikoma ši deklaracija;
- 23 (lv) pinihi atbildību apliecina, ka tāsāku uzskaitio modelu gabas konkrēcijā, uz kuriem attiecas šī deklarācija;
- 24 (en) vjavljue na vlastnu zodpovestnost, že leto klimatizacni modeley, na kotre sa vztahuje toto vyhlášení;
- 25 (tr) lamamen kendii sorumluluğunda ölmak üzere bu bildirim için iklima modelerinin aşğıdaki gibi ödöğünü beyan eder;

CE - ATTIKTIKES-DEKLARACIA
 CE - ATBLIS-TBAS-DEKLARACIA
 CE - VYHLÁŠENIE-ZHODY
 CE - UYGUNLUK-BEYANI

- 16 megjelölnek az alábbi szabvány(ok)/nek vagy egyéb irányított dokumentum(ok)/nak, ha azokat előírás szerint használják;
- 17 megfelel a vonatkozó szabvány(ok)/nak vagy egyéb irányított dokumentum(ok)/nak, ha azokat előírás szerint használják;
- 18 sunt în conformitate cu următoarele (următoarele) standard(e) sau alte documente (normative), cu condiția ca acestea să fie utilizate în conformitate cu instrucțiunile noastre;
- 19 skladni z naslednjih standardov in drugih normativov, pod pogojem, da se uporabljajo v skladu z našimi navodili;
- 20 en vastavest jaargimstige standard(og) va teste normalisovete dokument(og)u, ki nebi kasutalisse vastavalt meie juhendite;
- 21 conformeraz na srednje standard(og) in drugi normativni dokument(og)u, pri uporabi, če se uporabljajo v skladu s našimi navodili;
- 22 allinea žemiau nurodytus standartus ir (arba) kitus norminius dokumentus su sąlyga, kad yra naudojami pagal mūsų nuroymus;
- 23 tad, je leidi atbilstošai račdajia norėjimiam, atbisi sekisistem standartien un citien normativien dokumentien;
- 24 su v zbrode z nasledovny(m) normo(m) ali (o) inym(i) normativny(m) dokumento(m) (am), za predpoklad, že sa používajú v súlade s našimi navodmi;
- 25 irunin, laikiamizma geres kulinamizma ksuulyje aşğıdaki standartai ne norm beifinen bejelerteis yjimuldir;

- 01 Directives, as amended;
- 02 Direktiv, med foretagne ændringer;
- 03 Directives, telles que modifiées;
- 04 Richtlijnen, zoals gewijzigd;
- 05 Directivas, según lo emendado;
- 06 Direktiva, kako je izmjenjeno;
- 07 Odbyvni, ómuk, ýovni pomoznópf;
- 08 Directivas, conforme alteraçáo em;
- 09 Dyrskrivne av vesam þopparvami;
- 10 Direktive, as amended;
- 11 Direktiv, med foretagne ændringer;
- 12 Direktive, med foretagne ændringer;
- 13 Direktive, selaisia kulin ne ovat mueltiina;
- 14 v platném znění;
- 15 Snjmenice, kako je izmjenjeno;
- 16 itányv(ek) ís módosításiak renvelkezésel;
- 17 z poznejšimi popravkami;
- 18 Direktivar, cu amendamentele respective;
- 19 Direktive z vesmi spremembami;
- 20 Direktiv k os mudaltisega;
- 21 Dyrskrivne, c rekvise izmenjena;
- 22 Direktivose su papulyimais;
- 23 Direktivās un to papildinajumos;
- 24 Snemnice, v platnom znien;
- 25 Değisiklimis halteriyie Yönetmelikler;

<A>	DAIKIN.TCF.032C14/01-2017
	DEKRA (NB0344)
<C>	2159619.0551-EMC

- 13** DfCz*** je povlašćen za sestavo datoteke s tehničko mapo.
- 14** Společnost DfCz*** má oprávnění ke kompletnímu souboru technické konstrukce.
- 15** DfCz*** je ovlašćen za zradu Datoteke o tehničkoj konstrukciji.
- 16** A DfCz*** popouští a mšíszak konstrukcni dokumentacni oszaallására.
- 17** DfCz*** má povazovanie do zbierania opracovovania dokumentacni konstrukcni.
- 18** DfCz*** este autorizat sa complice Desatur tehnic de constructie.
- 19** DfCz*** je povlašćen za sestavo datoteke s tehničko mapo.
- 20** DfCz*** on voliatud koostama tehnilisi dokumentatsiooni.
- 21** DfCz*** e ompraxkana pa csuvaa Akta za tehnicka konstrukcni.
- 22** DfCz*** vra igalioa sudanyi sj tehnickis konstrukcjos faila.
- 23** DfCz*** ir autorizēts sastādīt tehniško dokumentāciju.
- 24** Spoločnosť DfCz*** je oprávnená vytvorit súbor technickéj konštrukcie.
- 25** DfCz*** Teknik Yapı esasını delemeye yetkilidir.

**Low Voltage 2014/35/EU
 Machinery 2006/42/EC ****

Electromagnetic Compatibility 2014/30/EU *

- 16 Megnyozás * a(z) <A> alapján, a(z) igazolta a megjelölt, az <C> tanúsítvány szerint;
- 17 Uvaga * zgodnje z dokumentacij <A> pozitivni optinj Svidectvem <C>
- 18 Nótá * apa cum este stabilit în <A> și apoi a fost pozitiv evaluat de în conformitate cu Certificatul <C>
- 19 Opomba * kol je dođeno v <A> in odobreno s strani v skladu s certifikatom <C>
- 20 Mirkus * nagu on näidatud dokumentis <A> ja heakis kiidatud järg vastavalt sertifikaadile <C>
- 21 Zabeľka * kako je kalozieno s <A> n oceneno pomoznóvno ot srazno Certifikata <C>
- 22 Pasaba * kapa mudaltija <A> ir kapa legimaa mshp'eta pagal Sertifikaat <C>
- 23 Pozmes * ka noradits <A> ir atbilstis pozitivam vērtējumam saakā ar sertifikātu <C>
- 24 Poznámka * ako bolo uvedené v <A> a pozitive zistené v súlade s overením <C>
- 25 Not * ako da beifidigi gbi ve <C> Sertifikaana góre <A> da beifidigi gbi ve <C> Sertifikaana góre lazehinan olümü obrak deđerlendiridigi gbi.

- 16 Megnyozás * a(z) <A> alapján, a(z) igazolta a megjelölt, az <C> tanúsítvány szerint;
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DAIKIN Industries Czech Republic s.r.o.

Tetsuya Baba
 Managing Director
 Pilsen, 1st of February 2017

3P475203-2

Safety Precautions




Read the precautions in this manual carefully before operating the unit.






This appliance is filled with R32.

- 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.
- The English text is the original instruction. Other languages are translations of the original instructions.

WARNING

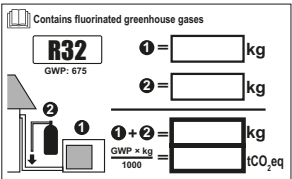


- Ask your dealer or qualified personnel to carry out installation work.
Do not attempt to install the air conditioner yourself. Improper installation may result in water leakage, electric shocks or fire.
- Install the air conditioner in accordance with the instructions in this installation manual.
Improper 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 (R32).
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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Safety Precautions

 CAUTION	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> The temperature of refrigerant circuit will be high, please keep the inter-unit wire away from copper pipes that are not thermally insulated. 	
<ul style="list-style-type: none"> This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial and household use by lay persons. 	
<ul style="list-style-type: none"> Sound pressure level is less than 70 dB(A). 	
<ul style="list-style-type: none"> Only use accessories, optional equipment and spare parts made or approved by DAIKIN. 	

Accessories

Accessories supplied with the outdoor unit:

(A) Installation manual + R32 manual	1		
(C) Refrigerant charge label 	1	(B) Drain plug (heat pump models)  It is on the bottom of the packing case.	1
(D) Multilingual fluorinated greenhouse gases label 	1		

Operation limits

Use the system in the following temperature and humidity ranges for safe and effective operation.

	Cooling	Heating
Outdoor temperature	-10~46°C	-15~24°C
Indoor temperature	18~32°C	10~30°C
Indoor humidity	≤80% ^(a)	

^(a) To avoid condensation and water dripping out of the unit. If the temperature or the humidity is beyond these conditions, safety devices may be put in action and the air conditioner may not operate.

The setting temperature range of the remote controller is:

Cooling operation	Heating operation	AUTO operation
18-32°C	10-30°C	18-30°C

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.

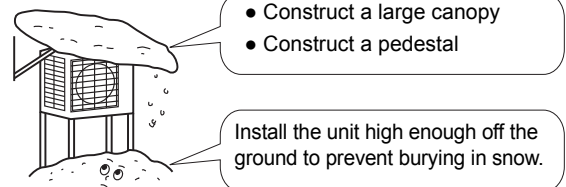
NOTE

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 piping length	20m
** Min. allowable piping length	1.5m
Max. allowable piping height	15m
* Additional refrigerant required for refrigerant pipe exceeding 10m in length.	20g/m
Gas pipe	O.D. 9.5mm
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.)

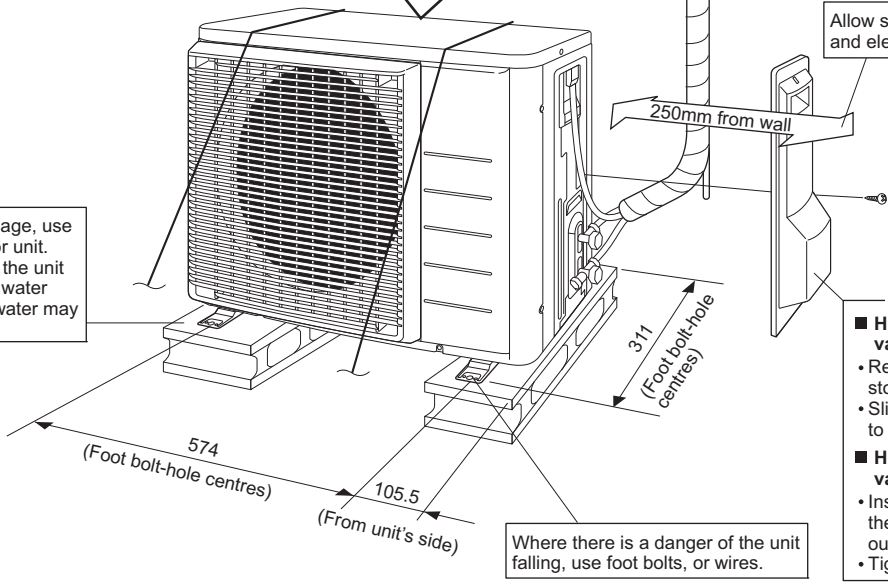
Wrap the insulation pipe with the finishing tape from bottom to top.

CAUTION
**Set the piping length from 1.5m to 20m.

Allow 300mm of work space below the ceiling surface

Allow space for piping and electrical servicing.

In sites with poor drainage, use block bases for outdoor unit. Adjust foot height until the unit is leveled. Otherwise, water leakage or pooling of water may occur.



Stop valve cover

■ **How to remove the stop valve cover**

- Remove the screw on the stop valve cover.
- Slide the cover downward to remove it.

■ **How to attach the stop valve cover**

- Insert the upper part of the stop valve cover into the outdoor unit.
- Tighten the screws.

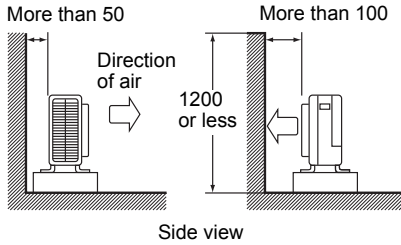
Where there is a danger of the unit falling, use foot bolts, or wires.

unit: mm

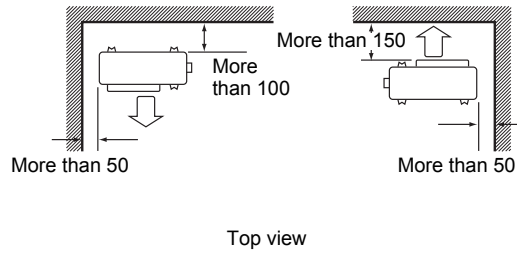
Installation Guidelines

- 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 following installation patterns, the wall height on the outlet side should be 1200mm or less.

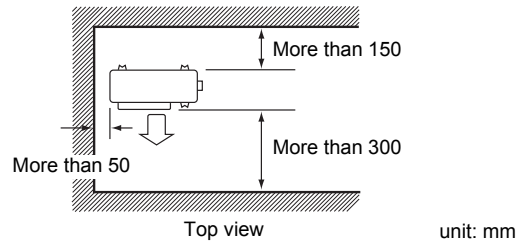
Wall facing one side



Wall facing two sides

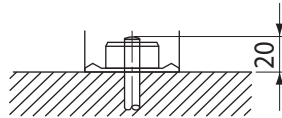


Wall facing three sides



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 ends are 20mm from the foundation surface.



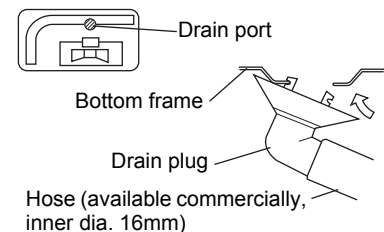
Outdoor Unit Installation

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

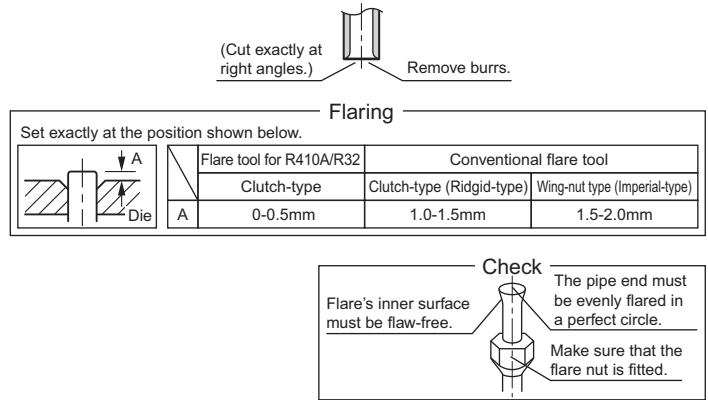
- 1) Use drain plug for drainage.
- 2) If the drain port is covered by a mounting base or floor surface, place additional foot bases of at least 30mm in height under the outdoor unit's feet.
- 3) In cold areas, do not use a drain hose with the outdoor unit. (Otherwise, drain water may freeze, impairing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



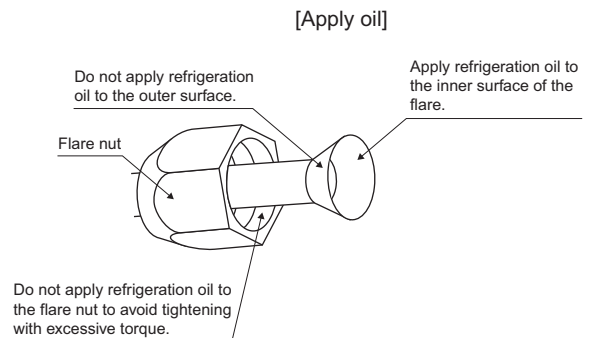
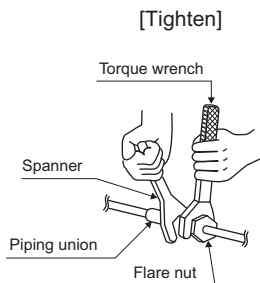
! WARNING

- 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.
- Never install a dryer to this R32 unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.
- Protect or enclose refrigerant tubing to avoid mechanical damage.

4. Refrigerant piping work

! 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 or R32.)
 - Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.
 - After the piping work is finished (after checking for gas leaks), open the stop valves or the compressor might break down.
- 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.



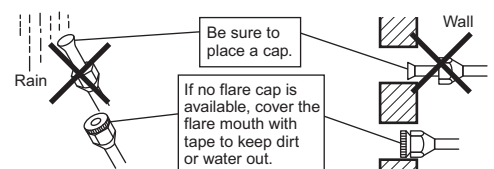
Flare nut tightening torque	
Gas side	Liquid side
3/8 inch	1/4 inch
32.7-39.9N • m (333-407kgf • cm)	14.2-17.2N • m (144-175kgf • cm)

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

4-1 Cautions 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.



Outdoor Unit Installation

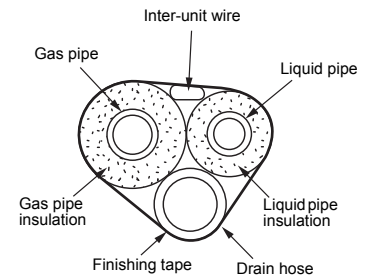
4-2 Selection of copper and heat insulation materials

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. 9.5mm	O.D. 6.4mm	I.D. 12-15mm	I.D. 8-10mm
Minimum bend radius		Thickness 10mm Min.	
30mm or more			
Thickness 0.8mm (C1220T-O)			

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

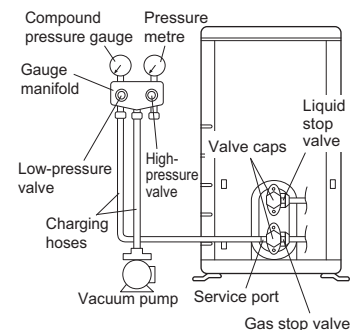


5. Evacuating the air with a vacuum pump and checking gas leakage

⚠ WARNING

- Do not mix any substance other than the specified refrigerant (R32) into the refrigeration cycle.
- When refrigerant gas leaks occur, ventilate the room as soon and as much as possible.
- R32, as well as other refrigerants, should always be recovered and never be released directly into the environment.
- Use a vacuum pump for R32 or R410A exclusively. Using the same vacuum pump for different refrigerants may damage the vacuum pump or the unit.
- Use tools for R32 or R410A (such as the gauge manifold, charging hose, or vacuum pump adapter).

- When piping work is completed, it is necessary to evacuate the air and check for gas leakage.
- If using additional refrigerant, perform air evacuating 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.

Outdoor Unit Installation

*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).

6. Refilling the refrigerant

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

Fill from the gas pipe in liquid form.

Important information regarding the refrigerant used

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

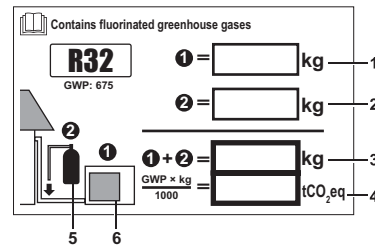
Refrigerant type: **R32**

GWP⁽¹⁾ value: **675** ⁽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
 - tCO₂eq calculation according to the formula (rounded up to 2 decimal places)
- 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 **greenhouse gas emissions** of the total refrigerant charge expressed as tonnes CO₂-equivalent
- 5 refrigerant cylinder and manifold for charging
- 6 outdoor unit

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.



NOTICE

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

Formula to calculate the greenhouse gas emissions:

GWP value of the refrigerant × Total refrigerant charge [in kg] / 1000

Use the GWP value mentioned on the refrigerant charge label. This GWP value is based on the 4th IPCC Assessment Report. The GWP value mentioned in the manual might be outdated (i.e., based on the 3rd IPCC Assessment Report).

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

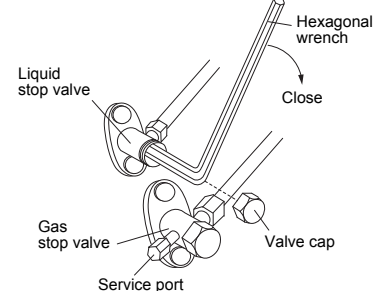
Using the indoor unit ON/OFF switch

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

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

Using the indoor unit's remote controller

- Please read about the procedure in "Trial operation from remote controller" in the installation manual attached to the indoor unit. Please set the operation mode to "cooling".



Pump Down Operation

WARNING

The unit is accompanied with the label below. Please read the following instructions carefully.



- When the refrigeration circuit has a leak, do not execute pump down with the compressor.
- Use recovery system into separate cylinder.
- Warning, explosive hazard exists when executing pump down.
- Pump down with compressor can lead to self-combustion due to air entering during pump down.

Used symbols:

- 1) Warning sign (ISO 7010 – W001)
- 2) Warning, Explosive material (ISO 7010 – W002)
- 3) Read Operator's manual (ISO 7000 – 0790)
- 4) Operator's manual; operating instructions (ISO 7000 – 1641)
- 5) Service indicator; read technical manual (ISO 7000 – 1659)

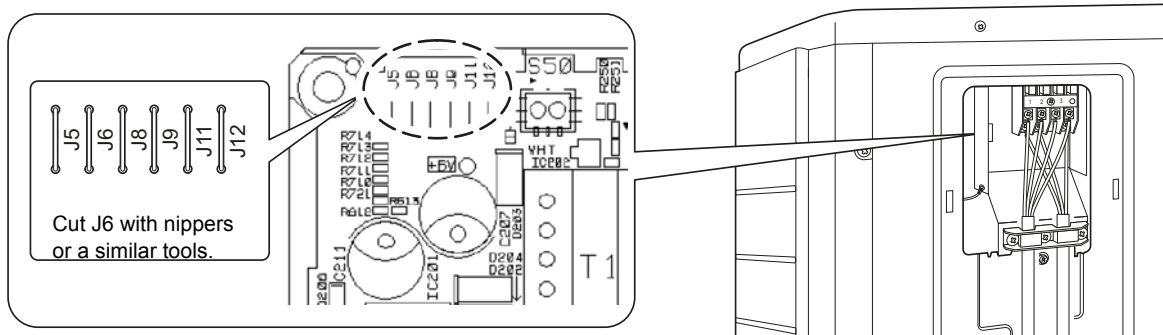
CAUTION

- 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 cooling operation.

Facility Setting (cooling at low outdoor temperature)

This function is designed for facilities such as equipment or computer rooms. It is never to be used in a residence or office where people occupy the space.

- 1) Cutting jumper 6 (J6) on the circuit board will expand the operation range down to -15°C . However it will stop if the outdoor temperature drops below -20°C and start back up once the temperature rises again.



CAUTION

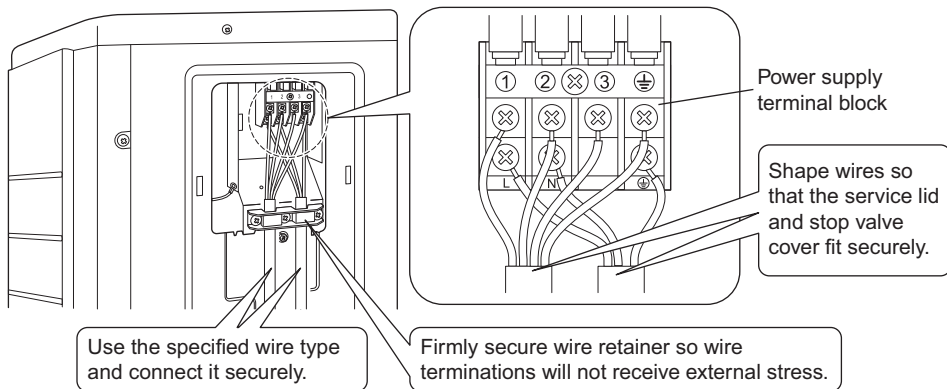
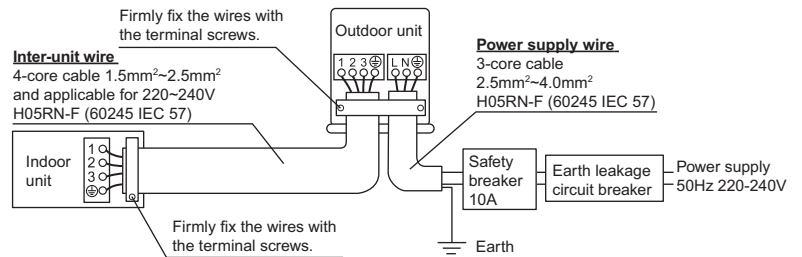
- If the outdoor unit is installed where the heat exchanger of the unit is exposed to direct wind, provide a windbreak wall.
- Intermittent noises may be produced by the indoor unit due to the outdoor fan turning on and off when using facility settings.
- Do not place humidifiers or other items which might raise the humidity in rooms where facility settings are being used. A humidifier might cause dew condensation from the indoor unit outlet vent.
- Cutting jumper 6 (J6) sets the indoor fan tap to the highest position. Notify the user about this.

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 an earth leak detector capable of handling higher harmonics must be used, in order to prevent malfunctioning of the earth leak detector itself.)
- Use an all-pole disconnection type breaker with at least 3 mm between the contact point gaps that provide full disconnection under overvoltage category III.
- 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.

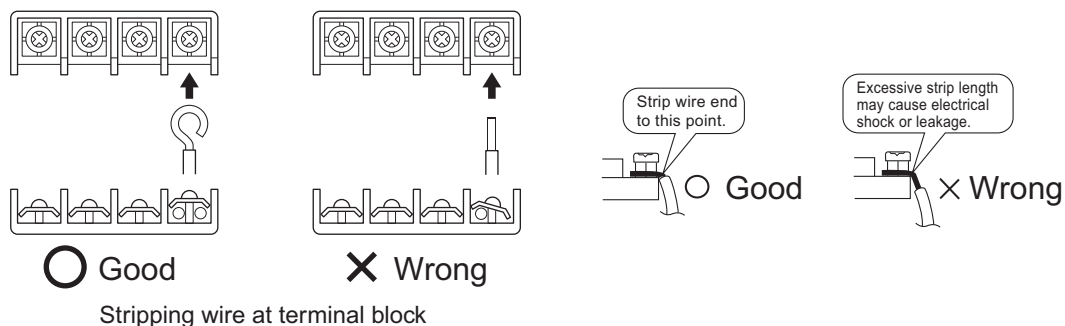
- 1) Strip the insulation from the wire (20mm).
- 2) Connect the connection wires between the indoor and outdoor units so that the terminal numbers match. Tighten the terminal screws securely. We recommend a flathead screwdriver be used to tighten the screws. The screws are packed with the terminal block.



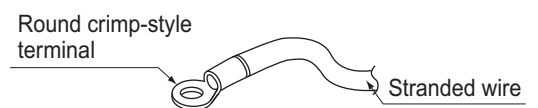
Observe the notes mentioned below when wiring to the power supply terminal block. Precautions to be taken for power supply wiring.

⚠ CAUTION

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



- If the stranded wires must be used, make sure to use the round crimp-style terminal for connection to the power supply terminal block. Place the round crimp-style terminals on the wires up to the covered part and secure in place.



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

Wiring

Wiring diagram

For applied parts and numbering refer to the wiring diagram sticker supplied on the unit. Part numbering is realized by Arabic numbers in ascending order for each part and is represented in the overview below by symbol ^(*) in the part code.

	: CONNECTION		: PROTECTIVE EARTH (SCREW)
	: CONNECTOR		: RECTIFIER
	: EARTH		: RELAY CONNECTOR
	: FIELD WIRING		: SHORT CIRCUIT CONNECTOR
	: INDOOR UNIT		: TERMINAL
	: OUTDOOR UNIT		: TERMINAL STRIP
	: PROTECTIVE EARTH		: WIRE CLAMP

BLK : BLACK	GRN : GREEN	PNK : PINK	WHT : WHITE
BLU : BLUE	GRY : GREY	PRP, PPL : PURPLE	YLW : YELLOW
BRN : BROWN	ORG : ORANGE	RED : RED	

A*P	: PRINTED CIRCUIT BOARD	PTC*	: THERMISTOR PTC
BS*	: PUSH BUTTON ON / OFF, OPERATION SWITCH	Q*	: INSULATED GATE BIPOLAR TRANSISTOR (IGBT)
BZ, H*O	: BUZZER	Q*DI	: EARTH LEAK CIRCUIT BREAKER
C*	: CAPACITOR	Q*L	: OVERLOAD PROTECTOR
CN*, E*AC*, HA*, HE, HL*, HN*, HR*, MR*_A, MR*_B, S*, X*A	: CONNECTION, CONNECTOR	Q*M	: THERMO SWITCH
D*, V*D	: DIODE	R*	: RESISTOR
DB*	: DIODE BRIDGE	R*T	: THERMISTOR
DS*	: DIP SWITCH	RC	: RECEIVER
E*H	: HEATER	S*C	: LIMIT SWITCH
F*U, FU* (FOR CHARACTERISTICS REFER TO PCB INSIDE YOUR UNIT)	: FUSE	S*L	: FLOAT SWITCH
FG*	: CONNECTOR (FRAME GROUND)	S*NPH	: PRESSURE SENSOR (HIGH)
H*	: HARNESS	S*NPL	: PRESSURE SENSOR (LOW)
H*P, LED*, V*L	: PILOT LAMP, LIGHT EMITTING DIODE	S*PH, HPS*	: PRESSURE SWITCH (HIGH)
HAP	: LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	S*PL	: PRESSURE SWITCH (LOW)
IES	: INTELLIGENT EYE SENSOR	S*T	: THERMOSTAT
IPM*	: INTELLIGENT POWER MODULE	S*W, SW*	: OPERATION SWITCH
K*R, KCR, KFR, KHuR	: MAGNETIC RELAY	SA*	: SURGE ARRESTOR
L	: LIVE	SR*, WLU	: SIGNAL RECEIVER
L*	: COIL	SS*	: SELECTOR SWITCH
L*R	: REACTOR	SHEET METAL	: TERMINAL STRIP FIXED PLATE
M*	: STEPPER MOTOR	T*R	: TRANSFORMER
M*C	: COMPRESSOR MOTOR	TC, TRC	: TRANSMITTER
M*F	: FAN MOTOR	V*, R*V	: VARISTOR
M*P	: DRAIN PUMP MOTOR	V*R	: DIODE BRIDGE
M*S	: SWING MOTOR	WRC	: WIRELESS REMOTE CONTROLLER
MR*, MRCW*, MRM*, MRN*	: MAGNETIC RELAY	X*	: TERMINAL
N	: NEUTRAL	X*M	: TERMINAL STRIP (BLOCK)
PAM	: PULSE-AMPLITUDE MODULATION	Y*E	: ELECTRONIC EXPANSION VALVE COIL
PCB*	: PRINTED CIRCUIT BOARD	Y*R, Y*S	: REVERSING SOLENOID VALVE COIL
PM*	: POWER MODULE	Z*C	: FERRITE CORE
PS	: SWITCHING POWER SUPPLY	ZF, Z*F	: NOISE FILTER

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 air outlet has clear path of air.	Incomplete cooling/heating function	
Stop valves are opened.	Incomplete cooling/heating function	
Indoor unit properly receives remote control commands.	Inoperative	

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