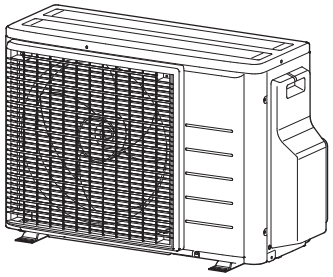
DAIKIN

INSTALLATION MANUAL

R32 Split Series



Models
2MXM40M2V1B
2MXM50M2V1B
2AMXM40M2V1B
2AMXM50M2V1B

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CE - DECLARATION-DE-CONFORMITE
CE - CONFORMITEITSVERKLARING

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CE - ATBILSTĪBAS-DEKLARĀCIJA
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Daikin Industries Czech Republic s.r.o.

01 (GB) declares under its sole responsibility that the air conditioning models to which this declaration relates:
02 (D) erklärt auf seine alleinige Verantwortung daß die Modelle der Klimageräte 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 baja su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración:
06 (I) dichiara sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione:
07 (GR) δηλώνει με αποκλειστική της ευθύνη ότι τα μοντέλα των κλιματιστικών συσκευών στα οποία αναφέρεται η παρούσα δήλωση:
08 (P) declara sob sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere:
09 (RUS) заявляет, исключительно под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящее заявление:
10 (DK) erklærer under eneansvar, at klimaanlægmodellerne, som denne deklaration vedrører:
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01 are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions:
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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 το(α) ακόλουθο(α) πρότυπο(α) ή άλλο έγγραφο(α) κανονισμών, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας:
08 estão em conformidade com a(s) seguinte(s) norma(s) ou outro(s) documento(s) normativo(s), desde que estes sejam utilizados de acordo com as nossas instruções:
09 соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям:
10 overholder følgende standard(er) eller andet/andre retningsgivende 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 användning sker i överensstämmelse med våra instruktioner:
12 respektive utstyr er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er), under forutsetning av at disse brukes i henhold til våre instrukser:
13 vastaavat seuraavien standardien ja muiden ohjeellisten dokumenttien vaatimuksia edellyttäen, että niitä käytetään ohjeidemme mukaisesti:
14 za předpokladu, že jsou využívány v souladu s našimi pokyny, odpovídají následujícím normám nebo normativním dokumentům:
15 u skladu sa slijedećim standardom(ima) ili drugim normativnim dokumentom(ima), uz uvjet da se oni koriste u skladu s našim uputama:
16 megfelelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak, ha azokat előírás szerint használják:
17 spełniają wymogi następujących norm i innych dokumentów normalizacyjnych, pod warunkiem że używane są zgodnie z naszymi instrukcjami:
18 sunt în conformitate cu următorul (următoarele) standard(e) sau alt(e) document(e) normativ(e), cu condiţia ca acestea să fie utilizate în conformitate cu instrucţiunile noastre:
19 skladni z naslednjimi standardi in drugimi normativi, pod pogojem, da se uporabljajo v skladu z našimi navodili:
20 on vastavuses järgmis(t)e standardi(te)ga või teiste normatiivsete dokumentidega, kui neid kasutatakse vastavalt meie juhenditele:
21 съответстват на следните стандарти или други нормативни документи, при условие, че се използват съгласно нашите инструкции:
22 atitinka žemiau nurodytus standartus ir (arba) kitus norminius dokumentus su sąlyga, kad yra naudojami pagal mūsų nurodymus:
23 tad, ja lietoti atbilstoši ražotāja norādījumiem, atbilst sekojošiem standartiem un citiem normatīviem dokumentiem:
24 sú v zhode s nasledovnou(ými) normou(ami) alebo iným(i) normatívnym(i) dokumentom(ami), za predpokladu, že sa používajú v súlade s našim návodom:
25 ürünün, talimatlarımıza göre kullanılması koşuluyla aşağıdaki standartlar ve norm belirten belgelerle uyumludur:

EN60335-2-40,

01 following the provisions of:
02 gemäß den Vorschriften der:
03 conformément aux stipulations des:
04 overeenkomstig de bepalingen van:
05 siguiendo las disposiciones de:
06 secondo le prescrizioni per:
07 με τήρηση των διατάξεων των:
08 de acordo com o previsto em:
09 в соответствии с положениями:
10 under iagttagelse af bestemmelserne i:
11 enligt villkoren i:
12 gitt i henhold til bestemmelsene i:
13 noudattaen määräyksiä:
14 za dodržení ustanovení předpisu:
15 prema odredbama:
16 követi a(z):
17 zgodnie z postanowieniami Dyrektyw:
18 în urma prevederilor:
19 ob upoštevanju določb:
20 vastavalt nõuetele:
21 следвайки клаузите на:
22 laikantis nuostatų, pateikiamų:
23 ievērojot prasības, kas noteiktas:
24 za dodržení ustanovení predpisu:
25 bunun koşullarına uygun olarak:

Low Voltage 2006/95/EC
Machinery 2006/42/EC **
Electromagnetic Compatibility 2004/108/EC *

01 Directives, as amended.
02 Direktiven, gemäß Änderung.
03 Directives, telles que modifiées.
04 Richtlijnen, zoals geamendeerd.
05 Directivas, según lo enmendado.
06 Direttive, come da modifica.
07 Οδηγιών, όπως έχουν τροποποιηθεί.
08 Directivas, conforme alteração em.
09 Директив со всеми поправками.
10 Direktiver, med senere ændringer.
11 Direktiv, med företagna ändringar.
12 Direktiver, med foretatte endringer.
13 Direktiivejä, sellaisina kuin ne ovat muutettuina.
14 v platném znění.
15 Smjernice, kako je izmijenjeno.
16 irányelv(ek) és módosításaik rendelkezéseit.
17 z późniejszymi poprawkami.
18 Directivelor, cu amendamentele respective.
19 Direktive z vsemi spremembami.
20 Direktiivid koos muudatustega.
21 Директиви, с техните изменения.
22 Direktyvose su papildymais.
23 Direktīvās un to papildinājumos.
24 Smernice, v platnom znení.
25 Değiştirilmiş halleriyle Yönetmelikler.

01 **Note** * as set out in <A> and judged positively by <B> according to the **Certificate <C>**.
02 **Hinweis** * wie in <A> aufgeführt und von <B> positiv beurteilt gemäß **Zertifikat <C>**.
03 **Remarque** * tel que défini dans <A> et évalué positivement par <B> conformément au **Certificat <C>**.
04 **Bemerk** * zoals vermeld in <A> en positief beoordeeld door <B> overeenkomstig **Certificaat <C>**.
05 **Nota** * como se establece en <A> y es valorado positivamente por <B> de acuerdo con el **Certificado <C>**.
06 **Nota** * delineato nel <A> e giudicato positivamente da <B> secondo il **Certificato <C>**.
07 **Σημείωση** * όπως καθορίζεται στο <A> και κρίνεται θετικά από το <B> σύμφωνα με το **Πιστοποιητικό <C>**.
08 **Nota** * tal como estabelecido em <A> e com o parecer positivo de <B> de acordo com o **Certificado <C>**.
09 **Примечание** * как указано в <A> и в соответствии с положительным решением <B> согласно **Свидетельству <C>**.
10 **Bemærk** * som anført i <A> og positivt vurderet af <B> i henhold til **Certifikat <C>**.
11 **Information** * enligt <A> och godkänts av <B> enligt **Certifikatet <C>**.
12 **Merk** * som det fremkommer i <A> og gjennom positiv bedømmelse av <B> ifølge **Sertifikat <C>**.
13 **Huom** * jotka on esitetty asiakirjassa <A> ja jotka <B> on hyväksynyt **Sertifikaatin <C>** mukaisesti.
14 **Poznámka** * jak bylo uvedeno v <A> a pozitivně zjištěno <B> v souladu s **osvědčením <C>**.
15 **Napomena** * kako je izloženo u <A> i pozitivno ocijenjeno od strane <B> prema **Certifikatu <C>**.
16 **Megjegyzés** * a(z) <A> alapján, a(z) <B> igazolta a megfelelést, a(z) <C> **tanúsítvány** szerint.
17 **Uwaga** * zgodnie z dokumentacją <A>, pozytywną opinią <B> i **Świadectwem <C>**.
18 **Notă** * aşa cum este stabilit în <A> şi apreciat pozitiv de <B> în conformitate cu **Certificatul <C>**.
19 **Opomba** * kot je določeno v <A> in odobreno s strani <B> v skladu s **certifikatom <C>**.
20 **Märkus** * nagu on näidatud dokumendis <A> ja heaks kiidetud <B> järgi vastavalt **sertifikaadile <C>**.
21 **Забележка** * както е изложено в <A> и оценено положително от <B> съгласно **Сертификата <C>**.
22 **Pastaba** * kaip nustatyta <A> ir kaip teigiamai nuspręsta <B> pagal **Sertifikatą <C>**.
23 **Piezīmes** * kā norādīts <A> un atbilstoši <B> pozitīvajam vērtējumam saskaņā ar **sertifikātu <C>**.
24 **Poznámka** * ako bolo uvedené v <A> a pozitívne zistené <B> v súlade s **osvedčením <C>**.
25 **Not** * <A>'da belirtildiği gibi ve <B> tarafından olumlu olarak değerlendirildiği gibi. **<C> Sertifikasına** göre

<A>	DAIKIN.TCF.032C7/12-2015
<B>	DEKRA (NB0344)
<C>	2159619.0551-EMC

01 ** DICz*** is authorised to compile the Technical Construction File.
02 ** DICz*** hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen.
03 ** DICz*** est autorisé à compiler le Dossier de Construction Technique.
04 ** DICz*** is bevoegd om het Technisch Constructiedossier samen te stellen.
05 ** DICz*** está autorizado a compilar el Archivo de Construcción Técnica.
06 ** DICz*** è autorizzata a redigere il File Tecnico di Costruzione.
07 ** Η DICz*** είναι εξουσιοδοτημένη να συντάξει τον Τεχνικό φάκελο κατασκευής.
08 ** A DICz*** está autorizada a compilar a documentação técnica de fabrico.
09 ** Компания DICz*** уполномочена составить Комплект технической документации.
10 ** DICz*** er autoriseret til at udarbejde de tekniske konstruktionsdata.
11 ** DICz*** är bemyndigade att sammanställa den tekniska konstruktionsfilen.
12 ** DICz*** har tillatelse til å kompilere den Tekniske konstruksjonsfilen.
13 ** DICz*** on valtuutettu laatimaan Teknisen asiakirjan.
14 ** Společnost DICz*** má oprávnění ke kompilaci souboru technické konstrukce.
15 ** DICz*** je ovlašten za izradu Datoteke o tehničkoj konstrukciji.
16 ** A DICz*** jogosult a műszaki konstrukciós dokumentáció összeállítására.
17 ** DICz*** ma upoważnienie do zbierania i opracowywania dokumentacji konstrukcyjnej.
18 ** DICz*** este autorizat să compileze Dosarul tehnic de construcţie.
19 ** DICz*** je pooblaščen za sestavo datoteke s tehnično mapo.
20 ** DICz*** on volitatud koostama tehnilist dokumentatsiooni.
21 ** DICz*** е оторизирана да състави Акта за техническа конструкция.
22 ** DICz*** yra įgaliota sudaryti šį techninės konstrukcijos failą.
23 ** DICz*** ir autorizēts sastādīt tehnisko dokumentāciju.
24 ** Spoločnosť DICz*** je oprávnená vytvoriť súbor technickej konštrukcie.
25 ** DICz*** Teknik Yapı Dosyasını derlemeye yetkilidir.

***DICz = Daikin Industries Czech Republic s.r.o.

3P394245-19H

DAIKIN

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

DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.
U Nové Hospody 1/1155, 301 00 Plzeň Skvrňany,
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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(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 το(α) ακόλουθο(α) πρότυπο(α) ή άλλο έγγραφο(α) κανονισμών, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες μας:
08 estão em conformidade com a(s) seguinte(s) norma(s) ou outro(s) documento(s) normativo(s), desde que estes sejam utilizados de acordo com as nossas instruções:
09 соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям:
10 overholder følgende standard(er) eller andet/andre retningsgivende 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 användning sker i överensstämmelse med våra instruktioner:
12 respektive utstyr er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er), under forutsetning av at disse brukes i henhold til våre instrukser:
13 vastaavat seuraavien standardien ja muiden ohjeellisten dokumenttien vaatimuksia edellyttäen, että niitä käytetään ohjeidemme mukaisesti:
14 za předpokladu, že jsou využívány v souladu s našimi pokyny, odpovídají následujícím normám nebo normativním dokumentům:
15 u skladu sa slijedećim standardom(ima) ili drugim normativnim dokumentom(ima), uz uvjet da se oni koriste u skladu s našim uputama:
16 megfelelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak, ha azokat előírás szerint használják:
17 spełniają wymogi następujących norm i innych dokumentów normalizacyjnych, pod warunkiem że używane są zgodnie z naszymi instrukcjami:
18 sunt în conformitate cu următorul (următoarele) standard(e) sau alt(e) document(e) normativ(e), cu condiţia ca acestea să fie utilizate în conformitate cu instrucţiunile noastre:
19 skladni z naslednjimi standardi in drugimi normativi, pod pogojem, da se uporabljajo v skladu z našimi navodili:
20 on vastavuses järgmis(t)e standardi(te)ga või teiste normatiivsete dokumentidega, kui neid kasutatakse vastavalt meie juhenditele:
21 съответстват на следните стандарти или други нормативни документи, при условие, че се използват съгласно нашите инструкции:
22 atitinka žemiau nurodytus standartus ir (arba) kitus norminius dokumentus su sąlyga, kad yra naudojami pagal mūsų nurodymus:
23 tad, ja lietoti atbilstoši ražotāja norādījumiem, atbilst sekojošiem standartiem un citiem normatīviem dokumentiem:
24 sú v zhode s nasledovnou(ými) normou(ami) alebo iným(i) normatívnym(i) dokumentom(ami), za predpokladu, že sa používajú v súlade s našim návodom:
25 ürünün, talimatlarımıza göre kullanılması koşuluyla aşağıdaki standartlar ve norm belirten belgelerle uyumludur:

EN60335-2-40

01 following the provisions of:
02 gemäß den Vorschriften der:
03 conformément aux stipulations des:
04 overeenkomstig de bepalingen van:
05 siguiendo las disposiciones de:
06 secondo le prescrizioni per:
07 με τήρηση των διατάξεων των:
08 de acordo com o previsto em:
09 в соответствии с положениями:
10 under iagttagelse af bestemmelserne i:
11 enligt villkoren i:
12 gitt i henhold til bestemmelsene i:
13 noudattaen määräyksiä:
14 za dodržení ustanovení předpisu:
15 prema odredbama:
16 követi a(z):
17 zgodnie z postanowieniami Dyrektyw:
18 în urma prevederilor:
19 ob upoštevanju določb:
20 vastavalt nõuetele:
21 следвайки клаузите на:
22 laikantis nuostatų, pateikiamų:
23 ievērojot prasības, kas noteiktas:
24 održavajúc ustanovenia:
25 bunun koşullarına uygun olarak:

Machinery 2006/42/EC ***
Electromagnetic Compatibility 2004/108/EC *
Pressure Equipment 97/23/EC **
Low Voltage 2006/95/EC

01 Directives, as amended.
02 Direktiven, gemäß Änderung.
03 Directives, telles que modifiées.
04 Richtlijnen, zoals geamendeerd.
05 Directivas, según lo enmendado.
06 Direttive, come da modifica.
07 Οδηγιών, όπως έχουν τροποποιηθεί.
08 Directivas, conforme alteração em.
09 Директив со всеми поправками.
10 Direktiver, med senere ændringer.
11 Direktiv, med företagna ändringar.
12 Direktiver, med foretatte endringer.
13 Direktiivejä, sellaisina kuin ne ovat muutettuina.
14 v platném znění.
15 Smjernice, kako je izmijenjeno.
16 irányelv(ek) és módosításaik rendelkezéseit.
17 z późniejszymi poprawkami.
18 Directivelor, cu amendamentele respective.
19 Direktive z vsemi spremembami.
20 Direktiivid koos muudatustega.
21 Директиви, с техните изменения.
22 Direktyvose su papildymais.
23 Direktīvās un to papildinājumos.
24 Smernice, v platnom znení.
25 Değiştirilmiş halleriyle Yönetmelikler.

01 * as set out in **<A>** and judged positively by **<B>** according to the **Certificate <C>**.
** as set out in the Technical Construction File **<D>** and judged positively by **<E>** (Applied module **<F>**) according to the certificate **<G>**. Risk category **<H>**. Also refer to next page.
02 * wie in **<A>** aufgeführt und von **<B>** positiv beurteilt gemäß **Zertifikat <C>**.
** wie in der Technischen Konstruktionsakte **<D>** aufgeführt und von **<E>** (Angewandtes Modul **<F>**) positiv ausgezeichnet gemäß **Zertifikat <G>**. Risikoart **<H>**. Siehe auch nächste Seite.
03 * tel que défini dans **<A>** et évalué positivement par **<B>** conformément au **Certificat <C>**.
** tel que stipulé dans le Fichier de Construction Technique **<D>** et jugé positivement par **<E>** (Module appliqué **<F>**) conformément au **Certificat <G>**. Catégorie de risque **<H>**. Se reporter également à la page suivante.
04 * zoals vermeld in **<A>** en positief beoordeeld door **<B>** overeenkomstig **Certificaat <C>**.
** zoals vermeld in het Technisch Constructiedossier **<D>** en in orde bevonden door **<E>** (Toegepaste module **<F>**) overeenkomstig **Certificaat <G>**. Risicocategorie **<H>**. Zie ook de volgende pagina.
05 * como se establece en **<A>** y es valorado positivamente por **<B>** de acuerdo con el **Certificado <C>**.
** tal como se expone en el Archivo de Construcción Técnica **<D>** y juzgado positivamento por **<E>** (Modulo aplicado **<F>**) según el **Certificado <G>**. Categoría de riesgo **<H>**. Consulte también la siguiente página.
06 * delineato nel **<A>** e giudicato positivamente da **<B>** secondo il **Certificato <C>**.
** delineato nel File Tecnico di Costruzione **<D>** e giudicato positivamente da **<E>** (Modulo **<F>** applicato) secondo il **Certificato <G>**. Categoria di rischio **<H>**. Fare riferimento anche alla pagina successiva.
07 * όπως καθορίζεται στο **<A>** και κρίνεται θετικά από το **<B>** σύμφωνα με το **Πιστοποιητικό <C>**.
** όπως προσδιορίζεται στο Αρχείο Τεχνικής Κατασκευής **<D>** και κρίνεται θετικά από το **<E>** (Χρησιμοποιούμενη υπομονάδα **<F>**) σύμφωνα με το **Πιστοποιητικό <G>**. Κατηγορία επικινδυνότητας **<H>**. Ανατρέξτε επίσης στην επόμενη σελίδα.
08 * tal como estabelecido em **<A>** e com o parecer positivo de **<B>** de acordo com o **Certificado <C>**.
** tal como estabelecido no Ficheiro Técnico de Construção **<D>** e com o parecer positivo de **<E>** (Módulo aplicado **<F>**) de acordo com o **Certificado <G>**. Categoria de risco **<H>**. Consultar também a página seguinte.
09 * как указано в **<A>** и в соответствии с положительным решением **<B>** согласно **Свидетельству <C>**.
** как указано в Досье технического толкования **<D>** и в соответствии с положительным решением **<E>** (Прикладной модуль **<F>**) согласно **Свидетельству <G>**. Категория риска **<H>**. Также смотрите следующую страницу.
10 * som anført i **<A>** og positivt vurderet af **<B>** i henhold tilPressure Equipment 97/23/EC **Certifikat <C>**.
** som anført i den Tekniske Konstruktionsfil **<D>** og positivt vurderet af **<E>** (Anvendt modul **<F>**) i henhold til **Certifikat <G>**. Risikoklasse **<H>**. Se også næste side.
11 * enligt **<A>** och godkänts av **<B>** enligt **Certifikatet <C>**.
** i enlighet med den Tekniska Konstruktionsfilen **<D>** som positivt intygats av **<E>** (Fastsatt modul **<F>**) vilket också framgår av **Certifikat <G>**. Riskkategori **<H>**. Se även nästa sida.
12 * som det fremkommer i **<A>** og gjennom positiv bedømmelse av **<B>** ifølge **Sertifikat <C>**.
** som det fremkommer i den Tekniske Konstruksjonsfilen **<D>** og gjennom positiv bedømmelse av **<E>** (Anvendt modul **<F>**) ifølge **Sertifikat <G>**. Risikokategori **<H>**. Se også neste side.
13 * jotka on esitetty asiakirjassa **<A>** ja jotka **<B>** on hyväksynyt **Sertifikaatin <C>** mukaisesti.
** jotka on esitetty Teknisessä Asiakirjassa **<D>** ja jotka **<E>** on hyväksynyt (Sovellettu moduli **<F>**) **Sertifikaatin <G>** mukaisesti. Vaaraluokka **<H>**. Katso myös seuraava sivu.
14 * jak bylo uvedeno v **<A>** a pozitivně zjištěno **<B>** v souladu s **osvědčením <C>**.
** jak bylo uvedeno v souboru technické konstrukce **<D>** a pozitivně zjištěno **<E>** (použitý modul **<F>**) v souladu s **osvědčením <G>**. Kategorie rizik **<H>**. Viz také následující strana.
15 * kako je izloženo u **<A>** i pozitivno ocijenjeno od strane **<B>** prema **Certifikatu <C>**.
** kako je izloženo u Datoteci o tehničkoj konstrukciji **<D>** i pozitivno ocijenjeno od strane **<E>** (Primijenjen modul **<F>**) prema **Certifikatu <G>**. Kategorija opasnosti **<H>**. Također pogledajte na sljedeću stranici.
16 * a(z) **<A>** alapján, a(z) **<B>** igazolta a megfelelést, a(z) **<C>** **tanúsítvány** szerint.
** a(z) **<D>** műszaki konstrukciós dokumentáció alapján, a(z) **<E>** igazolta a megfelelést (alkalmazott modul: **<F>**), a(z) **<G>** **tanúsítvány** szerint. Veszélyességi kategória **<H>**. Lásd még a következő oldalon.
17 * zgodnie z dokumentacją **<A>**, pozytywną opinią **<B>** i **Świadectwem <C>**.
** zgodnie z archiwalną dokumentacją konstrukcyjną **<D>** i pozytywną opinią **<E>** (Zastosowany moduł **<F>**) zgodnie ze **Świadectwem <G>**. Kategoria zagrożenia **<H>**. Patrz także następna strona.
18 * aşa cum este stabilit în **<A>** şi apreciat pozitiv de **<B>** în conformitate cu **Certificatul <C>**.
** conform celor stabilite în Dosarul tehnic de construcţie **<D>** şi apreciate pozitiv de **<E>** (Modul aplicat **<F>**) în conformitate cu **Certificatul <G>**. Categorie de risc **<H>**. Consultaţi de asemenea pagina următoare.
19 * kot je določeno v **<A>** in odobreno s strani **<B>** v skladu s **certifikatom <C>**.
** kot je določeno v tehnični mapi **<D>** in odobreno s strani **<E>** (Uporabljen modul **<F>**) v skladu s **certifikatom <G>**. Kategorija tveganja **<H>**. Glejte tudi na naslednji strani.
20 * nagu on näidatud dokumendis **<A>** ja heaks kiidetud **<B>** järgi vastavalt **sertifikaadile <C>**.
** nagu on näidatud tehnilises dokumentatsioonis **<D>** ja heaks kiidetud **<E>** järgi (lisamoodul **<F>**) vastavalt **sertifikaadile <G>**. Riskikategooria **<H>**. Vaadake ka järgmist lehekülge.
21 * както е изложено в **<A>** и оценено положително от **<B>** съгласно **Сертификата <C>**.
** както е заложено в Акта за техническа конструкция **<D>** и оценено положително от **<E>** (Приложен модул **<F>**) съгласно **Сертификат <G>**. Категория риск **<H>**. Вижте също на следващата страница.
22 * kaip nustatyta **<A>** ir kaip teigiamai nuspręsta **<B>** pagal **Sertifikatą <C>**.
** kaip nurodyta Techninėje konstrukcijos byloje **<D>** ir patvirtinta **<E>** (taikomas modulis **<F>**) pagal pažymėjimą **<G>**. Rizikos kategorija **<H>**. Taip pat žiūrėkite ir kitą puslapį.
23 * kā norādīts **<A>** un atbilstoši **<B>** pozitīvajam vērtējumam saskaņā ar **sertifikātu <C>**.
** kā noteikts tehniskajā dokumentācijā **<D>**, atbilstoši **<E>** pozitīvajam lēmumam (piekritīgā sadaļa: **<F>**), ko apliecina **sertifikāts <G>**. Riska kategorija **<H>**. Skat. arī nākošo lappusi.
24 * ako bolo uvedené v **<A>** a pozitívne zistené **<B>** v súlade s **osvedčením <C>**.
** ako je to stanovené v Súbore technickej konštrukcie **<D>** a kladne posúdené **<E>** (Aplikovaný modul **<F>**) podľa **Certifikátu <G>**. Kategória nebezpečia **<H>**. Viď tiež nasledovnú stranu.
25 * **<A>**'da belirtildiği gibi ve **<C>** **Sertifikasına** göre **<B>** tarafından olumlu olarak değerlendirildiği gibi.
** **<D>** Teknik Yapı Dosyasında belirtildiği gibi ve **<G>** **Sertifikasına** göre **<E>** tarafından olumlu olarak (Uygulanan modül **<F>**) değerlendirilmiştir. **<G>**. Risk kategorisi **<H>**. Ayrıca bir sonraki sayfaya bakın.

<A>	**DAIKIN.TCF.032C7/12-2015**
<B>	**DEKRA (NB0344)**
<C>	**2159619.0551-EMC**
<D>	**TCF-CZ15003-01**
<E>	**AIB Vinçotte (NB0026)**
<F>	**D1**
<G>	**100379113/1115**
<H>	**II**

01 *** DICz# is authorised to compile the Technical Construction File.
02 *** DICz# hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen.
03 *** DICz# est autorisé à compiler le Dossier de Construction Technique.
04 *** DICz# is bevoegd om het Technisch Constructiedossier samen te stellen.
05 *** DICz# está autorizado a compilar el Archivo de Construcción Técnica.
06 *** DICz# è autorizzata a redigere il File Tecnico di Costruzione.
07 *** Η DICz# είναι εξουσιοδοτημένη να συντάξει τον Τεχνικό φάκελο κατασκευής.
08 *** A DICz# está autorizada a compilar a documentação técnica de fabrico.
09 *** Компания DICz# уполномочена составить Комплект технической документации.
10 *** DICz# er autoriseret til at udarbejde de tekniske konstruktionsdata.
11 *** DICz# är bemyndigade att sammanställa den tekniska konstruktionsfilen.
12 *** DICz# har tillatelse til å kompilere den Tekniske konstruksjonsfilen.
13 *** DICz# on valtuutettu laatimaan Teknisen asiakirjan.
14 *** Společnost DICz# má oprávnění ke kompilaci souboru technické konstrukce.
15 *** DICz# je ovlašten za izradu Datoteke o tehničkoj konstrukciji.
16 *** A DICz# jogosult a műszaki konstrukciós dokumentáció összeállítására.
17 *** DICz# ma upoważnienie do zbierania i opracowywania dokumentacji konstrukcyjnej.
18 *** DICz# este autorizat să compileze Dosarul tehnic de construcţie.
19 *** DICz# je pooblaščen za sestavo datoteke s tehnično mapo.
20 *** DICz# on volitatud koostama tehnilist dokumentatsiooni.
21 *** DICz# е оторизирана да състави Акта за техническа конструкция.
22 *** DICz# yra įgaliota sudaryti šį techninės konstrukcijos failą.
23 *** DICz# ir autorizēts sastādīt tehnisko dokumentāciju.
24 *** Spoločnosť DICz# je oprávnená vytvoriť súbor technickej konštrukcie.
25 *** DICz# Teknik Yapı Dosyasını derlemeye yetkilidir.

2P427092-1B

#DICz = Daikin Industries Czech Republic s.r.o.

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

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

CE - DECLARAÇÃO-DE-CONFORMIDADE
CE - ЗАЯВЛЕНИЕ-О-СООТВЕТСТВИИ
CE - OVERENSSTEMMELSESERKLÆRING
CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELSE

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

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

CE - IZJAVA O SKLADNOSTI
CE - VASTAVUSDEKLARATSIOON
CE - ДЕКЛАРАЦИЯ-ЗА-СЪОТВЕТСТВИЕ

CE - ATITIKTIES-DEKLARACIJA
CE - ATBILSTĪBAS-DEKLARĀCIJA
CE - VYHLÁSENIE-ZHODY
CE - UYGUNLUK-BEYANI

01 (GB) continuation of previous page:
02 (D) Fortsetzung der vorherigen Seite:
03 (F) suite de la page précédente:
04 (NL) vervolg van vorige pagina:
05 (E) continuación de la página anterior:
06 (I) continua dalla pagina precedente:
07 (GR) συνέχεια από την προηγούμενη σελίδα:
08 (P) continuação da página anterior:
09 (RUS) продолжение предыдущей страницы:
10 (DK) fortsat fra forrige side:
11 (S) fortsättning från föregående sida:
12 (N) fortsettelse fra forrige side:
13 (FIN) jatkoa edelliseltä sivulta:
14 (CZ) pokračování z předchozí strany:
15 (HR) nastavak s prethodne stranice:
16 (H) folytatás az előző oldalról:
17 (PL) ciąg dalszy z poprzedniej strony:
18 (RO) continuarea paginii anterioare:
19 (SLO) nadaljevanje s prejšnje strani:
20 (EST) eelmise leheküljе järg:
21 (BG) продължение от предходната страница:
22 (LT) ankstesnio puslapio tęsinys:
23 (LV) iepriekšējās lappuses turpinājums:
24 (SK) pokračovanie z predchádzajúcej strany:
25 (TR) önceki sayfadan devam:

01 Design Specifications of the models to which this declaration relates:
02 Konstruktionsdaten der Modelle auf die sich diese Erklärung bezieht:
03 Spécifications de conception des modèles auxquels se rapporte cette déclaration:
04 Ontwerpspecificaties van de modellen waarop deze verklaring betrekking heeft:
05 Especificaciones de diseño de los modelos a los cuales hace referencia esta declaración:
06 Specifiche di progetto dei modelli cui fa riferimento la presente dichiarazione:
07 Προδιαγραφές Σχεδιασμού των μοντέλων με τα οποία σχετίζεται η δήλωση:
08 Especificações de projecto dos modelos a que se aplica esta declaração:
09 Проектные характеристики моделей, к которым относится настоящее заявление:
10 Typespecifikationer for de modeller, som denne erklæring vedrører:
11 Designspecifikationer för de modeller som denna deklaration gäller:
12 Konstruksjonsspesifikasjoner for de modeller som berøres av denne deklarasjonen:
13 Tätä ilmoitusta koskevien mallien rakennemäärittely:
14 Specifikace designu modelů, ke kterým se vztahuje toto prohlášení:
15 Specifikacije dizajna za modele na koje se ova izjava odnosi:
16 A jelen nyilatkozat tárgyát képező modellek tervezési jellemzői:
17 Specyfikacje konstrukcyjne modeli, których dotyczy deklaracja:
18 Specificaţiile de proiectare ale modelelor la care se referă această declaraţie:
19 Specifikacije tehničnega načrta za modele, na katere se nanaša ta deklaracija:
20 Deklaratsiooni alla kuuluvate mudelite disainispetsifikatsioonid:
21 Проектни спецификации на моделите, за които се отнася декларацията:
22 Konstrukcinės specifikacijos modelių, kurie susiję su šia deklaracija:
23 To modeļu dizaina specifikācijas, uz kurām attiecas šī deklarācija:
24 Konštrukčné špecifikácie modelu, ktorého sa týka toto vyhlásenie:
25 Bu bildirinin ilgili olduğu modellerin Tasarım Özellikleri:

01 • Maximum allowable pressure (PS): **<K>** (bar)
• Minimum/maximum allowable temperature (TS*):
* TSmin: Minimum temperature at low pressure side: **<L>** (°C)
* TSmax: Saturated temperature corresponding with the maximum allowable pressure (PS): **<M>** (°C)
• Refrigerant: **<N>**
• Setting of pressure safety device: **<P>** (bar)
• Manufacturing number and manufacturing year: refer to model nameplate

02 • Maximal zulässiger Druck (PS): **<K>** (Bar)
• Minimal/maximal zulässige Temperatur (TS*):
* TSmin: Mindesttemperatur auf der Niederdruckseite: **<L>** (°C)
* TSmax: Sättigungstemperatur die dem maximal zulässigen Druck (PS) entspricht: **<M>** (°C)
• Kältemittel: **<N>**
• Einstellung der Druck-Schutzvorrichtung: **<P>** (Bar)
• Herstellungsnummer und Herstellungsjahr: siehe Typenschild des Modells

03 • Pression maximale admise (PS): **<K>** (bar)
• Température minimum/maximum admise (TS*):
* TSmin: température minimum côté basse pression: **<L>** (°C)
* TSmax: température saturée correspondant à la pression maximale admise (PS): **<M>** (°C)
• Réfrigérant: **<N>**
• Réglage du dispositif de sécurité de pression: **<P>** (bar)
• Numéro de fabrication et année de fabrication: se reporter à la plaquette signalétique du modèle

04 • Maximaal toelaatbare druk (PS): **<K>** (bar)
• Minimaal/maximaal toelaatbare temperatuur (TS*):
* TSmin: Minimumtemperatuur aan lagedrukzijde: **<L>** (°C)
* TSmax: Verzadigde temperatuur die overeenstemt met de maximaal toelaatbare druk (PS): **<M>** (°C)
• Koelmiddel: **<N>**
• Instelling van drukbeveiliging: **<P>** (bar)
• Fabricagenummer en fabricagejaar: zie naamplaat model

05 • Presión máxima admisible (PS): **<K>** (bar)
• Temperatura mínima/máxima admisible (TS*):
* TSmin: Temperatura mínima en el lado de baja presión: **<L>** (°C)
* TSmax: Temperatura saturada correspondiente a la presión máxima admisible (PS): **<M>** (°C)
• Refrigerante: **<N>**
• Ajuste del presostato de seguridad: **<P>** (bar)
• Número de fabricación y año de fabricación: consulte la placa de especificaciones técnicas del modelo

06 • Pressione massima consentita (PS): **<K>** (bar)
• Temperatura minima/massima consentita (TS*):
* TSmin: temperatura minima nel lato di bassa pressione: **<L>** (°C)
* TSmax: temperatura satura corrispondente alla pressione massima consentita (PS): **<M>** (°C)
• Refrigerante: **<N>**
• Impostazione del dispositivo di controllo della pressione: **<P>** (bar)
• Numero di serie e anno di produzione: fare riferimento alla targhetta del modello

07 • Μέγιστη επιτρεπόμενη πίεση (PS): **<K>** (bar)
• Ελάχιστη/μέγιστη επιτρεπόμενη θερμοκρασία (TS*):
* TSmin: Ελάχιστη θερμοκρασία για την πλευρά χαμηλής πίεσης: **<L>** (°C)
* TSmax: Κορεσμένη θερμοκρασία που αντιστοιχεί με τη μέγιστη επιτρεπόμενη πίεση (PS): **<M>** (°C)
• Ψυκτικό: **<N>**
• Ρύθμιση της διάταξης ασφάλειας πίεσης: **<P>** (bar)
• Αριθμός κατασκευής και έτος κατασκευής: ανατρέξτε στην πινακίδα αναγνώρισης του μοντέλου

08 • Pressão máxima permitida (PS): **<K>** (bar)
• Temperaturas mínima e máxima permitidas (TS*):
* TSmin: Temperatura mínima em baixa pressão: **<L>** (°C)
* TSmax: Temperatura de saturação correspondente à pressão máxima permitida (PS): **<M>** (°C)
• Refrigerante: **<N>**
• Regulação do dispositivo de segurança da pressão: **<P>** (bar)
• Número e ano de fabrico: consultar a placa de especificações da unidade

09 • Максимально допустимое давление (PS): **<K>** (бар)
• Минимально/Максимально допустимая температура (TS*):
* TSmin: Минимальная температура на стороне низкого давления: **<L>** (°C)
* TSmax: Температура кипения, соответствующая максимально допустимому давлению (PS): **<M>** (°C)
• Хладагент: **<N>**
• Настройка устройства защиты по давлению: **<P>** (бар)
• Заводской номер и год изготовления: смотрите паспортную табличку модели

10 • Maks. tilladt tryk (PS): **<K>** (bar)
• Min./maks. tilladte temperatur (TS*):
* TSmin: Min. temperatur på lavtrykssiden: **<L>** (°C)
* TSmax: Mættet temperatur svarende til maks. tilladte tryk (PS): **<M>** (°C)
• Kølemiddel: **<N>**
• Indstilling af tryksikringsudstyr: **<P>** (bar)
• Produktionsnummer og fremstillingsår: se modellens fabriksskilt

11 • Maximalt tillåtet tryck (PS): **<K>** (bar)
• Min/max tillåten temperatur (TS*):
* TSmin: Minimumtemperatur på lågtryckssidan: **<L>** (°C)
* TSmax: Mättnadstemperatur som motsvarar maximalt tillåtet tryck (PS): **<M>** (°C)
• Köldmedel: **<N>**
• Inställning för trycksäkerhetsenhet: **<P>** (bar)
• Tillverkningsnummer och tillverkningsår: se modellens namnplåt

12 • Maksimalt tillatt trykk (PS): **<K>** (bar)
• Minimalt/maksimalt tillatt temperatur (TS*):
* TSmin: Minimumstemperatur på lavtrykksiden: **<L>** (°C)
* TSmax: Metningstemperatur i samsvar med maksimalt tillatt trykk (PS): **<M>** (°C)
• Kjølemedium: **<N>**
• Innstilling av sikkerhetsanordning for trykk: **<P>** (bar)
• Produksjonsnummer og produksjonsår: se modellens merkeplate

13 • Suurin sallittu paine (PS): **<K>** (bar)
• Pienin/suurin sallittu lämpötila (TS*):
* TSmin: Alhaisin matalapainepuolen lämpötila: **<L>** (°C)
* TSmax: Suurinta sallittua painetta (PS) vastaava kyllästyslämpötila: **<M>** (°C)
• Kylmäaine: **<N>**
• Varmuuspainelaitteen asetus: **<P>** (bar)
• Valmistusnumero ja valmistusvuosi: katso mallin nimikilpi

14 • Maximální přípustný tlak (PS): **<K>** (bar)
• Minimální/maximální přípustná teplota (TS*):
* TSmin: Minimální teplota na nízkotlaké straně: **<L>** (°C)
* TSmax: Saturovaná teplota odpovídající maximálnímu přípustnému tlaku (PS): **<M>** (°C)
• Chladivo: **<N>**
• Nastavení bezpečnostního tlakového zařízení: **<P>** (bar)
• Výrobní číslo a rok výroby: viz typový štítek modelu

15 • Najveći dopušten tlak (PS): **<K>** (bar)
• Najniža/najviša dopuštena temperatura (TS*):
* TSmin: Najniža temperatura u području niskog tlaka: **<L>** (°C)
* TSmax: Standardna temperatura koja odgovara najvećem dopuštenom tlaku (PS): **<M>** (°C)
• Rashladno sredstvo: **<N>**
• Postavke sigurnosne naprave za tlak: **<P>** (bar)
• Proizvodni broj i godina proizvodnje: pogledajte natpisnu pločicu modela

16 • Legnagyobb megengedhető nyomás (PS): **<K>** (bar)
• Legkisebb/legnagyobb megengedhető hőmérséklet (TS*):
* TSmin: Legkisebb megengedhető hőmérséklet a kis nyomású oldalon: **<L>** (°C)
* TSmax: A legnagyobb megengedhető nyomásnak (PS) megfelelő telítettségi hőmérséklet: **<M>** (°C)
• Hűtőközeg: **<N>**
• A túlnyomás-kapcsoló beállítása: **<P>** (bar)
• Gyártási szám és gyártási év: lásd a berendezés adattábláján

17 • Maksymalne dopuszczalne ciśnienie (PS): **<K>** (bar)
• Minimalna/maksymalna dopuszczalna temperatura (TS*):
* TSmin: Minimalna temperatura po stronie niskociśnieniowej: **<L>** (°C)
* TSmax: Temperatura nasycenia odpowiadająca maksymalnemu dopuszczalnemu ciśnieniu (PS): **<M>** (°C)
• Czynnik chłodniczy: **<N>**
• Nastawa ciśnieniowego urządzenia bezpieczeństwa: **<P>** (bar)
• Numer fabryczny oraz rok produkcji: patrz tabliczka znamionowa modelu

18 • Presiune maximă admisibilă (PS): **<K>** (bar)
• Temperatură minimă/maximă admisibilă (TS*):
* TSmin: Temperatură minimă pe partea de presiune joasă: **<L>** (°C)
* TSmax: Temperatură de saturaţie corespunzând presiunii maxime admisibile (PS): **<M>** (°C)
• Agent frigorific: **<N>**
• Reglarea dispozitivului de siguranţă pentru presiune: **<P>** (bar)
• Numărul de fabricaţie şi anul de fabricaţie: consultaţi placa de identificare a modelului

19 • Maksimalni dovoljeni tlak (PS): **<K>** (bar)
• Minimalna/maksimalna dovoljena temperatura (TS*):
* TSmin: Minimalna temperatura na nizkotlačni strani: **<L>** (°C)
* TSmax: Nasičena temperatura, ki ustreza maksimalnemu dovoljenemu tlaku (PS): **<M>** (°C)
• Hladivo: **<N>**
• Nastavljanje varnostne naprave za tlak: **<P>** (bar)
• Tovarniška številka in leto proizvodnje: glejte napisno ploščico

20 • Maksimaalne lubatud surve (PS): **<K>** (bar)
• Minimaalne/maksimaalne lubatud temperatuur (TS*):
* TSmin: Minimaalne temperatuur madalsurve küljel: **<L>** (°C)
* TSmax: Maksimaalsele lubatud survele (PS) vastav küllastunud temperatuur: **<M>** (°C)
• Jahutusaine: **<N>**
• Surve turvaseadme seadistus: **<P>** (bar)
• Tootmisnumber ja tootmisaasta: vaadake mudeli andmeplaati

21 • Максимално допустимо налягане (PS): **<K>** (bar)
• Минимална/максимална допустима температура (TS*):
* TSmin: Минимална температура от страната на ниското налягане: **<L>** (°C)
* TSmax: Температура на насищане, съответстваща на максимално допустимото налягане (PS): **<M>** (°C)
• Охладител: **<N>**
• Настройка на предпазното устройство за налягане: **<P>** (bar)
• Фабричен номер и година на производство: вижте табелката на модела

22 • Maksimalus leistinas slėgis (PS): **<K>** (bar)
• Minimali/maksimali leistina temperatūra (TS*):
* TSmin: Minimali temperatūra žemo slėgio pusėje: **<L>** (°C)
* TSmax: Prisotinta temperatūra, atitinkamti maksimalų leistiną slėgį (PS): **<M>** (°C)
• Šaldymo skystis: **<N>**
• Apsauginio slėgio prietaiso nustatymas: **<P>** (bar)
• Gaminio numeris ir pagaminimo metai: žiūrėkite modelio pavadinimo plokštelę

23 • Maksimālais pieļaujamais spiediens (PS): **<K>** (bar)
• Minimālā/maksimālā pieļaujamā temperatūra (TS*):
* TSmin: Minimālā temperatūra zemā spiediena pusē: **<L>** (°C)
* TSmax: Piesātinātā temperatūra saskaņā ar maksimālo pieļaujamo spiedienu (PS): **<M>** (°C)
• Dzesinātājs: **<N>**
• Spiediena drošības ierīces iestatīšana: **<P>** (bar)
• Izgatavošanas numurs un izgatavošanas gads: skat. modeļa izgatavotājuzņēmuma plāksnītē

24 • Maximálny povolený tlak (PS): **<K>** (bar)
• Minimálna/maximálna povolená teplota (TS*):
* TSmin: Minimálna teplota na nízkotlakovej strane: **<L>** (°C)
* TSmax: Nasýtená teplota korešpondujúca s maximálnym povoleným tlakom (PS): **<M>** (°C)
• Chladivo: **<N>**
• Nastavenie tlakového poistného zariadenia: **<P>** (bar)
• Výrobné číslo a rok výroby: nájdete na výrobnom štítku modelu

25 • İzin verilen maksimum basınç (PS): **<K>** (bar)
• İzin verilen minimum/maksimum sıcaklık (TS*):
* TSmin: Düşük basınç tarafındaki minimum sıcaklık: **<L>** (°C)
* TSmax: İzin verilen maksimum basınca (PS) karşı gelen doyma sıcaklığı: **<M>** (°C)
• Soğutucu: **<N>**
• Basınç emniyet düzeninin ayarı: **<P>** (bar)
• İmalat numarası ve imalat yılı: modelin ünite plakasına bakın

<K>	PS	**41.7**	**bar**
<L>	TSmin	**-35**	**°C**
<M>	TSmax	**63**	**°C**
<N>		**R32**	
<P>		**41.7**	**bar**

01 Name and address of the Notified body that judged positively on compliance with the Pressure Equipment Directive: **<Q>**
02 Name und Adresse der benannten Stelle, die positiv unter Einhaltung der Druckanlagen-Richtlinie urteilte: **<Q>**
03 Nom et adresse de l'organisme notifié qui a évalué positivement la conformité à la directive sur l'équipement de pression: **<Q>**
04 Naam en adres van de aangemelde instantie die positief geoordeeld heeft over de conformiteit met de Richtlijn Drukapparatuur: **<Q>**
05 Nombre y dirección del Organismo Notificado que juzgó positivamente el cumplimiento con la Directiva en materia de Equipos de Presión: **<Q>**
06 Nome e indirizzo dell'Ente riconosciuto che ha riscontrato la conformità alla Direttiva sulle apparecchiature a pressione: **<Q>**
07 Όνομα και διεύθυνση του Κοινοποιημένου οργανισμού που απεφάνθη θετικά για τη συμμόρφωση προς την Οδηγία Εξοπλισμών υπό Πίεση: **<Q>**
08 Nome e morada do organismo notificado, que avaliou favoravelmente a conformidade com a directiva sobre equipamentos pressurizados: **<Q>**
09 Название и адрес органа технической экспертизы, принявшего положительное решение о соответствии Директиве об оборудовании под давлением: **<Q>**
10 Navn og adresse på bemyndiget organ, der har foretaget en positiv bedømmelse af, at udstyret lever op til kravene i PED (Direktiv for Trykbærende Udstyr): **<Q>**
11 Namn och adress för det anmälda organ som godkänt uppfyllandet av tryckutrustningsdirektivet: **<Q>**
12 Navn på og adresse til det autoriserte organet som positivt bedømte samsvar med direktivet for trykkutstyr (Pressure Equipment Directive): **<Q>**
13 Sen ilmoitetun elimen nimi ja osoite, joka teki myönteisen päätöksen painelaitedirektiivin noudattamisesta: **<Q>**
14 Název a adresa informovaného orgánu, který vydal pozitivní posouzení shody se směrnicí o tlakových zařízeních: **<Q>**
15 Naziv i adresa prijavljenog tijela koje je donijelo pozitivnu prosudbu o usklađenosti sa Smjernicom za tlačnu opremu: **<Q>**
16 A nyomástartó berendezésekre vonatkozó irányelvnek való megfelelőséget igazoló bejelentett szervezet neve és címe: **<Q>**
17 Nazwa i adres Jednostki notyfikowanej, która wydała pozytywną opinię dotyczącą spełnienia wymogów Dyrektywy dot. Urządzeń Ciśnieniowych: **<Q>**
18 Denumirea şi adresa organismului notificat care a apreciat pozitiv conformarea cu Directiva privind echipamentele sub presiune: **<Q>**
19 Ime in naslov organa za ugotavljanje skladnosti, ki je pozitivno ocenil združljivost z Direktivo o tlačni opremi: **<Q>**
20 Teavitatud organi, mis hindas Surveseadmete Direktiiviga ühilduvust positiivselt, nimi ja aadress: **<Q>**
21 Наименование и адрес на упълномощения орган, който се е произнесъл положително относно съвместимостта с Директивата за оборудване под налягане: **<Q>**
22 Atsakingos institucijos, kuri davė teigiamą sprendimą pagal slėginės įrangos direktyvą pavadinimas ir adresas: **<Q>**
23 Sertifikācijas institūcijas, kura ir devusi pozitīvu slēdzienu par atbilstību Spiediena iekārtu Direktīvai, nosaukums un adrese: **<Q>**
24 Názov a adresa certifikačného úradu, ktorý kladne posúdil zhodu so smernicou pre tlakové zariadenia: **<Q>**
25 Basınçlı Teçhizat Direktifine uygunluk hususunda olumlu olarak değerlendirilen Onaylanmış kuruluşun adı ve adresi: **<Q>**

<Q>	**AIB VINÇOTTE INTERNATIONAL** **JAN OLIESLAGERSLAAN, 35** **1800 VILVOORDE, Belgium**

2P427092-1B

DAIKIN

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

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

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.

⚠ 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.
• Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
• The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
• Do not pierce or burn.
• Be aware that refrigerants may not contain an odour.

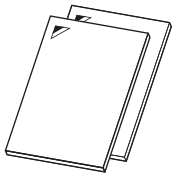
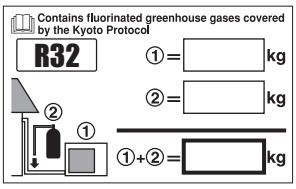
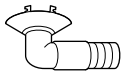
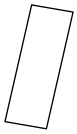
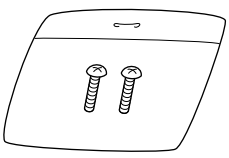
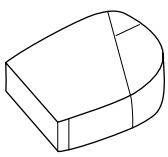
• This appliance must be installed, operated and stored in a room larger than the minimum required floor area.
• Comply with national gas regulations.

Safety Precautions

⚠ CAUTION
• Do not install the air conditioner at any place where there is a danger of flammable gas leakage.  In the event of a gas leakage, build-up of gas near the air conditioner may cause a fire to break out.
• While following the instructions in this installation manual, install drain piping to ensure proper drainage and insulate piping to prevent condensation. Improper drain piping may result in indoor water leakage and property damage.
• Tighten the flare nut according to the specified method such as with a torque wrench. If the flare nut is too tight, it may crack after prolonged use, causing refrigerant leakage.
• Make sure to provide for adequate measures in order to prevent that the outdoor unit be used as a shelter by small animals. Small animals making contact with electrical parts can cause malfunctions, smoke or fire. Please instruct the customer to keep the area around the unit clean.
• The temperature of refrigerant circuit will be high, please keep the inter-unit wire away from copper pipes that are not thermally insulated.
• 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.
• Sound pressure level is less than 70 dB(A).
• The following information shall be provided at an accessible place of the system: -instructions for shutting down the system in case of an emergency -name and address of fire department, police and hospital -name, address and day & night telephone numbers for obtaining service. In Europe, EN378 provides the necessary guidance for this logbook.

Accessories

Accessories supplied with the outdoor unit:

Ⓐ Installation Manual + R32 manual  It is on the bottom of the packing case.	1	Ⓑ Refrigerant charge label  It is on the bottom of the packing case.	1
Ⓒ Drain plug  It is on the bottom of the packing case.	1	Ⓓ Multilingual fluorinated greenhouse gases label  It is on the bottom of the packing case.	1
Ⓔ Screw bag (for fixing the wire retainer)  It is on the bottom of the packing case.	1	Ⓕ Reducer assembly (only 50 class)  It is on the bottom of the packing case.	1

Precautions for Selecting the Location

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

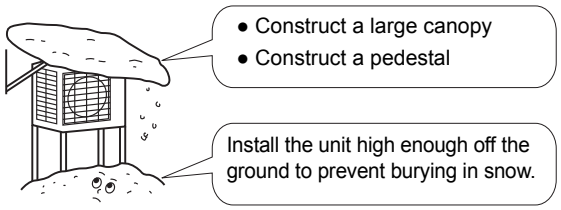
NOTE

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.

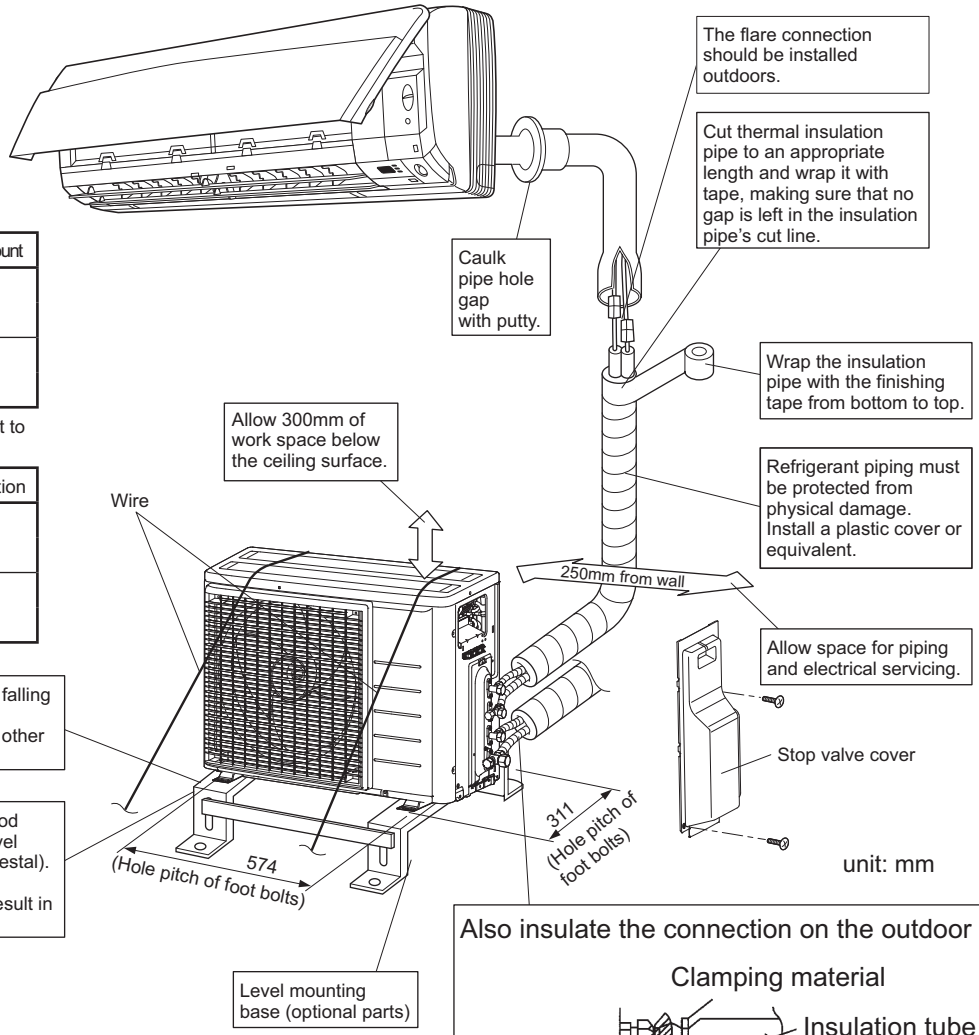


Indoor/Outdoor Unit Installation Drawings

For installation of the indoor units, refer to the installation manual which was provided with the units.
(The diagram shows a wall-mounted indoor unit.)

⚠ CAUTION

- Do not connect the embedded branch piping and the outdoor unit when only carrying out piping work without connecting the indoor unit in order to add another indoor unit later.
  Make sure no dirt or moisture gets into either side of the embedded branch piping.
  See “Precautions for Laying Refrigerant Piping” on page 9 for details.
- It is impossible to connect the indoor unit for one room only. **Be sure to connect at least 2 rooms**.



Max. allowable refrigerant charge amount	
2MXM40 2AMXM40	1.08kg
2MXM50 2AMXM50	1.350kg

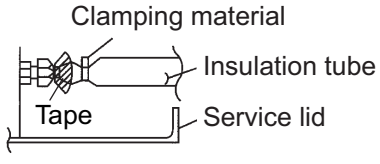
Refrigerant piping must be kept to a minimum.

Minimum floor area for installation	
2MXM40 2AMXM40	1.20m^2
2MXM50 2AMXM50	1.80m^2

If there is the danger of the unit falling or overturning, fix the unit with foundation bolts, or with wire or other means.

If the location does not have good drainage, place the unit on a level mounting base (or a plastic pedestal). Install the outdoor unit in a level position. Failure to do so may result in water leakage or accumulation.

Also insulate the connection on the outdoor unit.



Use tape or insulating material on all connections to prevent air from getting in between the copper piping and the insulation tube.
Be sure to do this if the outdoor unit is installed above.

Installation

- Install the unit horizontally.
- The unit may be installed directly on a concrete verandah or a solid place if drainage is good.
- If the vibration may possibly be transmitted to the building, use a vibration-proof rubber (field supply).

1. Connections (connection port)

Install the indoor unit according to the table below, which shows the relationship between the class of indoor unit and the corresponding port.
The total indoor unit class that can be connected to this unit:

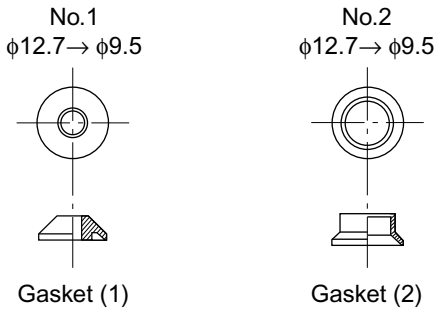
Heat pump type: 2AMXM40M* / 2MXM40M* } Up to 6.0kW 2AMXM50M* / 2MXM50M* } Up to 8.5kW

Port	2AMXM40M* 2MXM40M*	2AMXM50M* 2MXM50M*
A	15 , 20 , 25 , 35	15 , 20 , 25 , 35 , 42
B	15 , 20 , 25 , 35	(15),(20),(25),(35),(42), 50

( ) : Use a reducer to connect pipes.

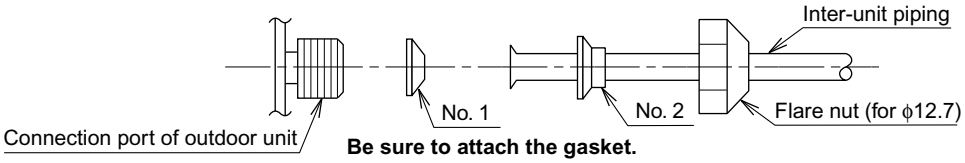
Refer to “How to Use Reducers” for information on reducer numbers and their shapes.

How to Use Reducers



Use the reducers supplied with the unit as described below.

- Connecting a pipe of ϕ9.5 to a gas pipe connection port for ϕ12.7:

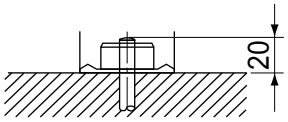


- When using the reducer packing shown above, be careful not to overtighten the nut, or the smaller pipe may be damaged. (about 2/3 - 1 the normal torque)
- Apply a coat of refrigeration oil to the threaded connection port of the outdoor unit where the flare nut comes in.
- Use an appropriate wrench to avoid damaging the connection thread by over-tightening the flare nut.

Flare nut tightening torque	
Flare nut for ϕ12.7	49.5–60.3N·m (505–615kg-f·cm)

Precautions on Installation

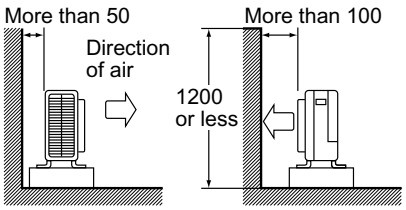
- Check the strength and level of the installation ground so that the unit will not cause any operating vibration or noise after installed.
- In accordance with the foundation drawing in fix the unit securely by means of the foundation bolts. (Prepare 4 sets of M8 or M10 foundation bolts, nuts and washers 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 Guideline

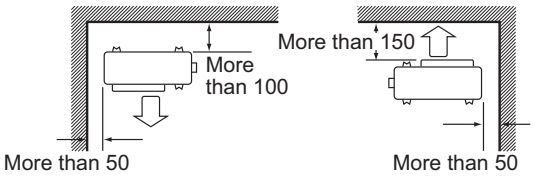
- Where a wall or other obstacle is in the path of outdoor unit's inlet or outlet airflow, follow the installation guidelines below.
- For any of the below installation patterns, the wall height on the exhaust side should be 1200mm or less.

Wall facing one side



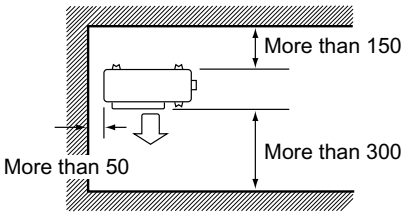
Side view

Walls facing two sides



Top view

Walls facing three sides



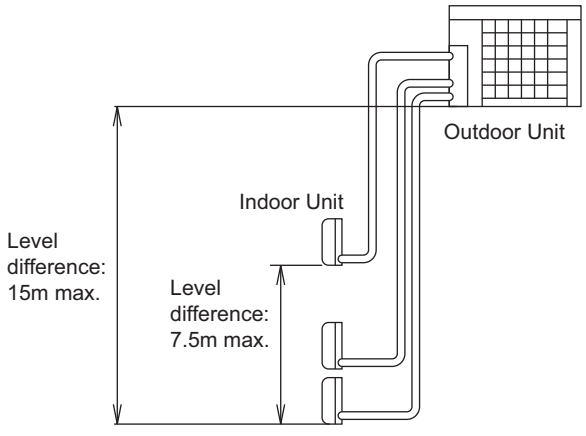
Top view

unit: mm

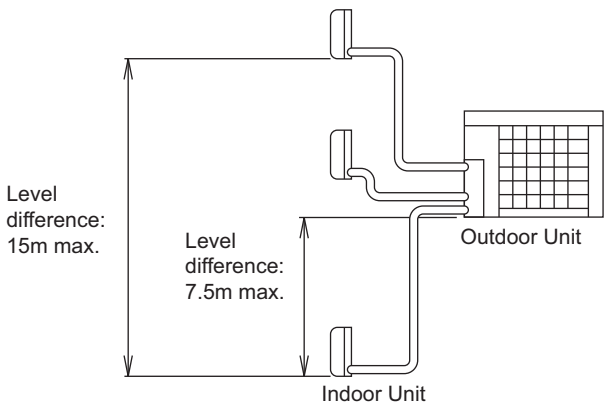
Selecting a Location for Installation of the Indoor Units

- The maximum allowable length of refrigerant piping, and the maximum allowable height difference between the outdoor and indoor units, are listed below.
  (The shorter the refrigerant piping, the better the performance. Connect so that the piping is as short as possible. **Shortest allowable length per room is 3m.**)

Piping to each indoor unit	20m max.
Total length of piping between all units	30m max.



If the outdoor unit is positioned higher than the indoor units.



If the outdoor unit is positioned otherwise.
(If lower than one or more indoor units.)

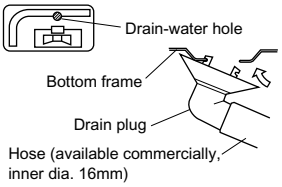
Refrigerant Piping Work

1. Installing outdoor unit

1) When installing the outdoor unit, refer to “Precautions for Selecting the Location” on page 2 and the “Indoor/Outdoor Unit Installation Drawings” on page 3.
2) If drain work is necessary, follow the procedures below.

2. Drain work

1) Use the 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.)

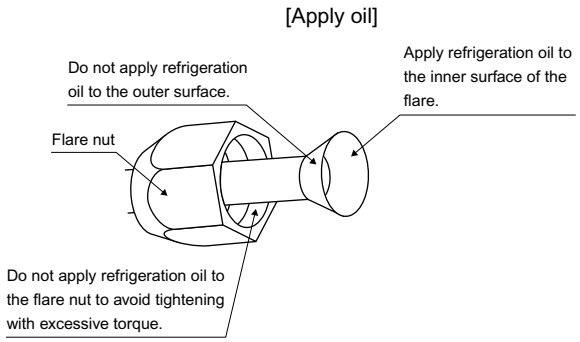


3. Refrigerant piping

⚠ 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 R32.)
- Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.
- Do not reuse joints which have been used once already.
- Installation shall be done by an installer, the choice of materials and installation shall comply with the applicable legislation. In Europe the EN378 is the applicable standard that shall be used.
- Ensure that the field piping and connections are not subjected to stress.

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	
Flare nut for ϕ6.4	14.2-17.2N • m (144-175kgf • cm)
Flare nut for ϕ9.5	32.7-39.9N • m (333-407kgf • cm)
Flare nut for ϕ12.7	49.5-60.3N • m (505-615kgf • cm)

Valve cap tightening torque		
Gas side		Liquid side
3/8 inch	1/2 inch	1/4 inch
21.6-27.4N • m (220-280kgf • cm)	48.1-59.7N • m (490-610kgf • cm)	21.6-27.4N • m (220-280kgf • cm)

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

Refrigerant Piping Work

4. Purging air 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.
- Be sure to check for gas leaks.
- During tests never pressurize the appliances with a pressure higher than the maximum allowable pressure (as indicated on the nameplate of the unit).
- If refrigerant gas leaks, ventilate the area immediately. Toxic gas may be produced if refrigerant gas comes into contact with fire.
- Never directly touch any accidental leaking refrigerant. This could result in severe wounds caused by frostbite.

- When piping work is completed, it is necessary to purge the air and check for gas leakage.
- Be sure to perform vacuum pumping for all the rooms at the same time.
- Be sure to use the special tools for the R32 (gauge manifold, charge hose, vacuum pump, vacuum pump adapter, etc.).
- 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 the charge hose protrusions (the side for pushing the pin) for low pressure and high pressure on the gauge manifold to the gas stop valve service port for rooms **A and B**.

2) Fully open gauge manifold's low-pressure valve (Lo) and high-pressure valve (Hi).

3) Apply vacuum pumping for 20 minutes or longer. Check that the compound pressure gauge reads –0.1MPa (–76cmHg).

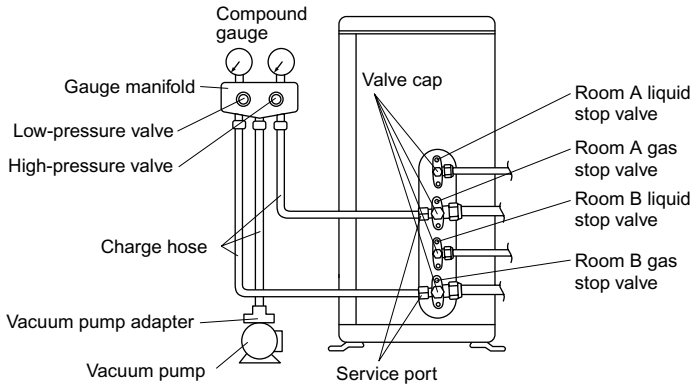
4) After checking the vacuum, close the low pressure and high pressure valves on the gauge manifold and stop the vacuum pump. (Leave as is for 4-5 minutes and make sure the coupling meter needle does not go back.) If it does go back, this may indicate the presence of moisture or leaking from connecting parts.
After inspecting all the connection and loosening then retightening the nuts, repeat steps 2) → 3) → 4).

5) Remove the valve caps on the liquid and gas stop valves at the pipes for rooms A and B.

6) Open the valve rods on the liquid stop valves for rooms A and B by turning them 90° counterclockwise using a hex wrench. Close them 5 seconds later and check for gas leaks.
After checking for gas leaks, check the areas around flares on the indoor unit, and the areas around flares and valve rods on the outdoor unit by applying soapy water.
Wipe down thoroughly after the check is complete.

7) Remove the charge hose from the gas stop valve service ports at the pipes for rooms A and B and completely open the liquid and gas stop valves at the pipes for rooms A and B.
(Stop the valve rods as far as they go and do not attempt to turn them any further.)

8) Use a torque wrench to tighten the valve caps and service port caps on the liquid and gas stop valves at the pipes for rooms A and B to the designated torque.



Refrigerant Piping Work

5. Charging with refrigerant

- If the total length of piping for all rooms exceeds 20m, additionally charge with **(R32) 20g** of refrigerant for each additional meter of piping.

Important information regarding the refrigerant used

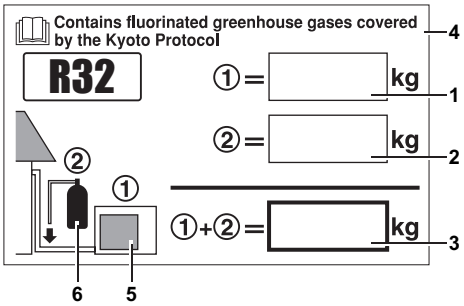
This product contains fluorinated greenhouse gases covered by the Kyoto Protocol.
Do not vent gases into the atmosphere.

Refrigerant type: **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
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

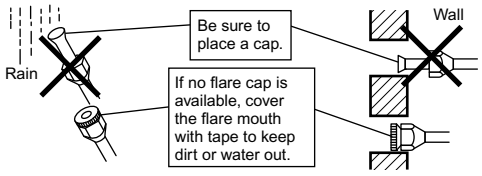
NOTE:
National implementation of EU regulation on certain fluorinated greenhouse gases may require to provide the appropriate official national language on the unit. Therefore an additional multilingual fluorinated greenhouse gases label is supplied with the unit.
Sticking instructions are illustrated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

⚠ CAUTION

- Even though the stop valve is fully closed, the refrigerant may slowly leak out; do not leave the flare nut removed for a long period of time.
- Do not overfill with refrigerant. This will break the compressor.

Refrigerant Piping Work

Precautions for Laying Refrigerant Piping



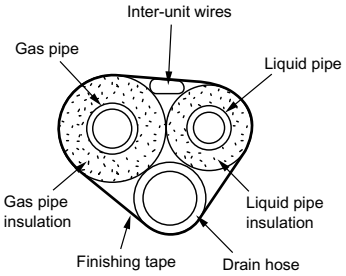
• Cautions on pipe handling

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.

• 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.

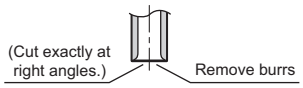


Gas pipe		Liquid pipe	Gas pipe insulation	Liquid pipe insulation
O.D.9.5mm	O.D.12.7mm	O.D.6.4mm	I.D.12-15mm	I.D.8-10mm
Minimum bend radius			Thickness 13mm min.	Thickness 10mm min.
30mm or more	40mm or more	30mm or more		
Thickness 0.8mm (C1220T-O)				

3) Use separate thermal insulation pipes for gas and liquid refrigerant pipes.
4) Piping and other pressure containing parts shall comply with the applicable legislation and shall be suitable for refrigerant. Use phosphoric acid deoxidised seamless copper for refrigerant.

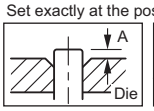
• Flaring the pipe end

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.



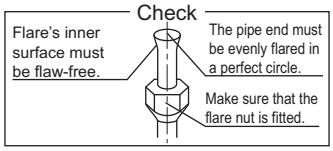
Flaring

Set exactly at the position shown below.



	Flare tool for R32 or R410A	Conventional flare tool	
	Clutch-type	Clutch-type (Rigid-type)	Wing-nut type (Imperial-type)
A	0-0.5mm	1.0-1.5mm	1.5-2.0mm

Check



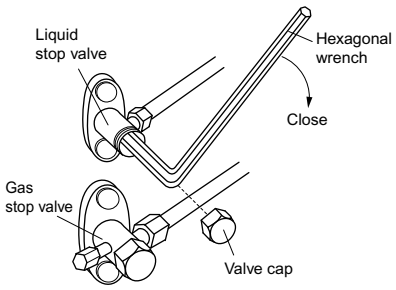
⚠ WARNING

- 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.

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 caps on the liquid and the gas stop valves at the pipes for rooms A and B.
2) Run the unit on forced cooling. (Refer to the instructions below.)
3) After 5 to 10 minutes, close the liquid stop valves at the pipes for rooms A and B using a hex wrench.
4) After 2 to 3 minutes, stop the forced cooling operation as quickly as possible after the gas stop valves at the pipes for rooms A and B have been shut off.
5) Turn the power breaker off.



⚠ CAUTION

Run the air conditioner to cool both rooms A and B when performing a pump down.

1. Forced cooling operation

1-1. Using the indoor unit start/stop button.

1) Press the start/stop button on the indoor unit in either room A or B for 5 seconds continuously. The units in both rooms will start.
2) Forced cooling operation will end after around 15 minutes and the unit will stop automatically. Press the start/stop button on the indoor unit to force the operation to stop.
3) **Use this method to force cooling operation when the outside temperature is -10°C or lower.**

1-2. Using the wireless remote controller.

1) Select cooling operation and press the start/stop button. (The unit will start.)
2) Press the temperature ▲ button, ▼ button, and the “mode” button at the same time.
3) Press the “mode” button twice.
   (“7” will be displayed and the unit will go into test-run mode.)
4) Test-run mode will end after around 30 minutes and the unit will stop automatically. Press the start/stop button to force the test-run to stop.

⚠ CAUTION

If the outside temperature is -10°C or lower, the safety device might start, preventing operation. In this situation, warm the outside temperature thermistor on the outdoor unit to -10°C or warmer. Operation will start.

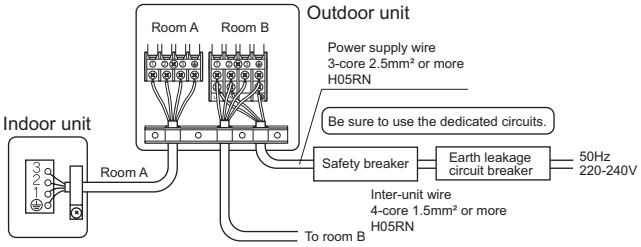
Wiring

⚠ WARNING

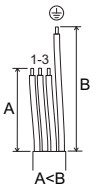
- Do not use tapped wires, stranded wires (**CAUTION** 1), extension cords, or starburst connections, as they may cause overheating, electrical shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- Be sure to install an earth leakage breaker. (One that can handle higher harmonics.)
  (This unit uses an inverter, which means that an earth leakage breaker capable of handling harmonics must be used, in order to prevent malfunctioning of the earth leakage breaker 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.

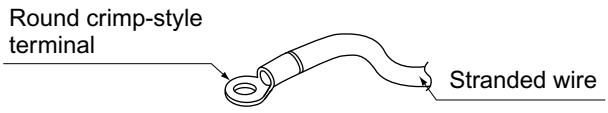
1) Strip the insulation from the wire (20mm).
2) Connect the inter-unit wires between the indoor and outdoor units **so that the terminal numbers match**.
   Tighten the terminal screws securely. We recommend a flathead screwdriver be used to tighten the screws. The screws are packed with the terminal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



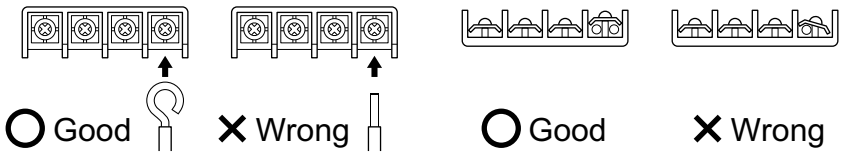
⚠ CAUTION



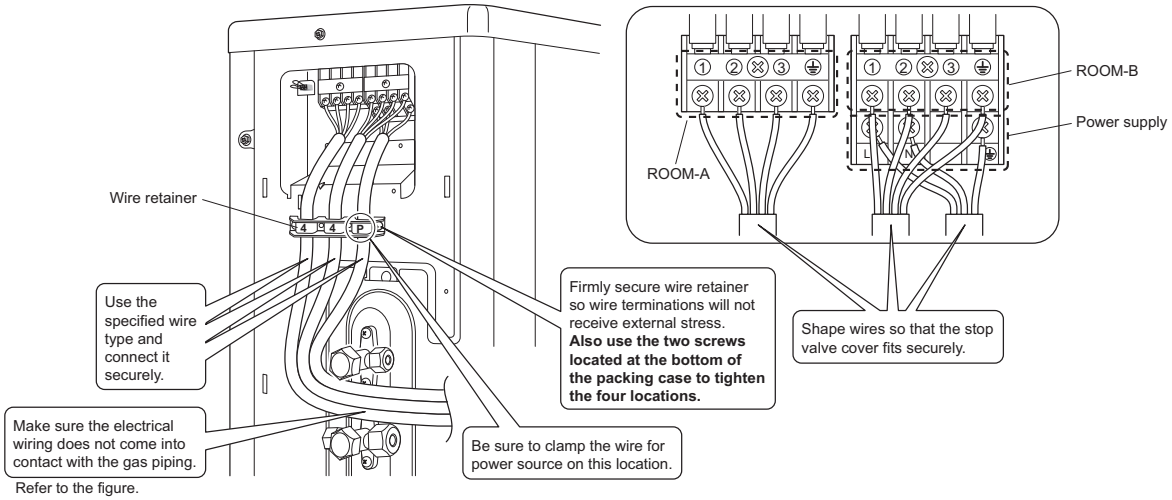
•When connecting the inter-unit wire to the terminal block using a single core wire, be sure to perform curling.
Problems with the work may cause heat and fires.
•Make sure that the earth wire between the pull relief and terminal is longer than the other wires.



•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.

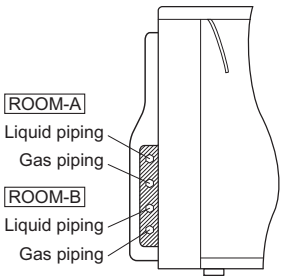


3) Pull the wire and make sure that it does not disconnect. Then fix the wire in place with a wire retainer.



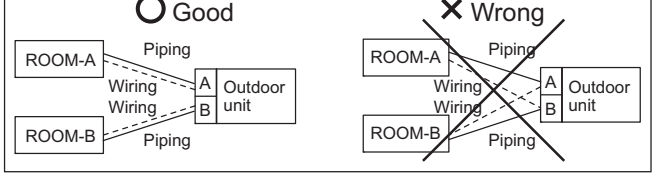
Make sure the connecting piping and wiring fit into ▨.

(Incorrect handling will make it hard to attach the stop valve cover, causing deformation.)



Make absolutely sure all wiring is correct.

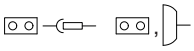
Make sure the wiring and piping from the indoor unit to the outdoor unit match.



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		

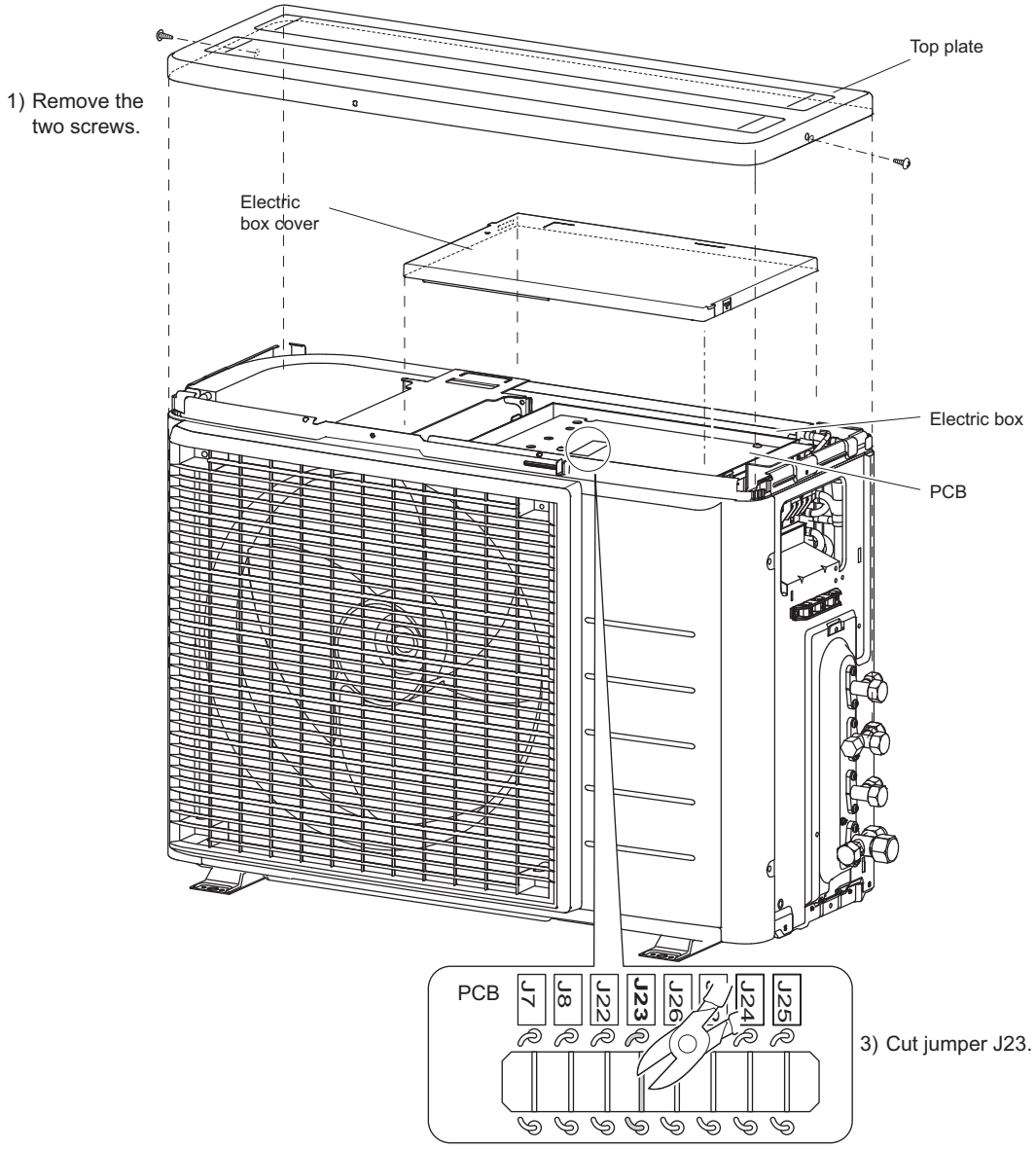
A*P	:	PRINTED CIRCUIT BOARD	PTC*	:	THERMISTOR PTC
BS*	:	PUSH BUTTON ON / OFF, OPERATION SWITCH	Q*	:	INSULATED GATE BIPOLAR TRANSISTOR (IGBT)
BZ, H*O	:	BUZZER	Q*DI	:	EARTH LEAK CIRCUIT BREAKER
C*	:	CAPACITOR	Q*L	:	OVERLOAD PROTECTOR
CN*, E*AC*, HA*, HE, HL*, HN*, HR*, MR*_A, MR*_B, S*, X*A	:	CONNECTION, 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

ECONO Mode Prohibition Setting

⚠ WARNING

Always shut off the power supply breaker before starting.

- This setting disables the input control signal from the remote controller.
- Use this setting when you wish to block reception of input controls (cooling/heating) from indoor unit remote controllers.
- Set as follows.
  1) Remove the two screws on the side and remove the top plate of the outdoor unit.
  2) Remove the electric box cover by sliding it, being careful not to bend the electric box hook.
  3) Cut the jumper (J23) of the PCB inside.
  4) Go back through step → 2) → 1). Make sure all components are well secured when doing this.



⚠ CAUTION

- When returning the electric box cover, be careful not to pinch the fan motor lead wire.

Night Quiet Mode Setting

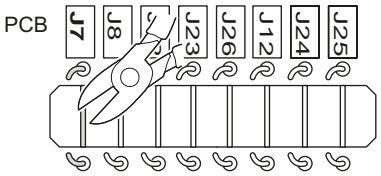
- If night quiet mode is to be used, initial settings must be made when the unit is installed.
  Explain night quiet mode, as described below, to the customer, and confirm whether or not the customer wants to use night quiet mode.

About night quiet mode

The night quiet mode function reduces operating noise of the outdoor unit at nighttime. This function is useful if the customer is worried about the effects of the operating noise on the neighbours.
However, if night quiet mode is running, capacity will be saved.

Setting procedure

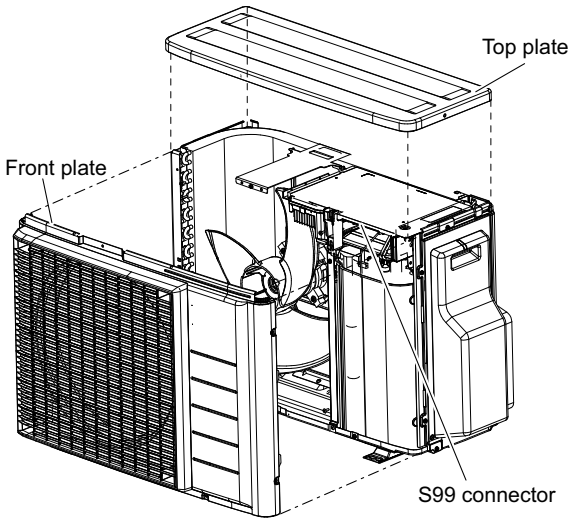
Cut the jumper J7. For more details see figure in Econo Mode setting.



HEAT Mode Lock <S99> (only heat pump models)

1) Remove the top plate (2 screws) and the front plate (8 screws).
2) Use the S99 connector to set the unit to only heat.Setting to only heat (H): short-circuit pins 1 and 2 of the connector S99.
   Note that forced operation is also possible in HEAT mode.
3) Reinstall the front plate and the top plate to the original positions.

Mode	S99 Connector
H/P	Connect
Heating only	Disconnect



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.
The standby electricity saving function works on the following indoor units.

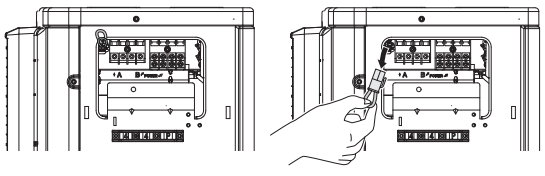
For FTXM, FTXP, FTXJ types.

⚠ 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 it has not been turned off.
2) Remove the stop valve cover.
3) Remove terminal cover
4) Disconnect the selective connector for standby electricity saving.
5) Turn on the main power supply.



Standby electricity saving function off.

Standby electricity saving function on.

The standby electricity saving function is turned off before shipping.

⚠ 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 one is connected.

Trial Operation and Testing

- Before starting the test run, measure the voltage at the primary side of the safety breaker.
- Check that all liquid and gas stop valves are fully open.
- Check that piping and wiring all match.

1. Trial operation and testing

1) To test cooling, set for the lowest temperature. To test heating, set for the highest temperature. (Depending on the room temperature, only heating or cooling (but not both) may be possible.)
2) After the unit is stopped, it will not start again (heating or cooling) for approximately 3 minutes.
3) During the test run, first check the operation of each unit individually. Then also check the simultaneous operation of all indoor units.
   Check both heating and cooling operation.
4) After running the unit for approximately 20 minutes, measure the temperatures at the indoor unit inlet and outlet. If the measurements are above the values shown in the table below, then they are normal.

	Cooling	Heating
Temperature difference between inlet and outlet	Approx. 8°C	Approx. 15°C

(When running in one room)

5) During cooling operation, frost may form on the gas stop valve or other parts. This is normal.
6) Operate the indoor units in accordance with the included operation manual. Check that they operate normally.

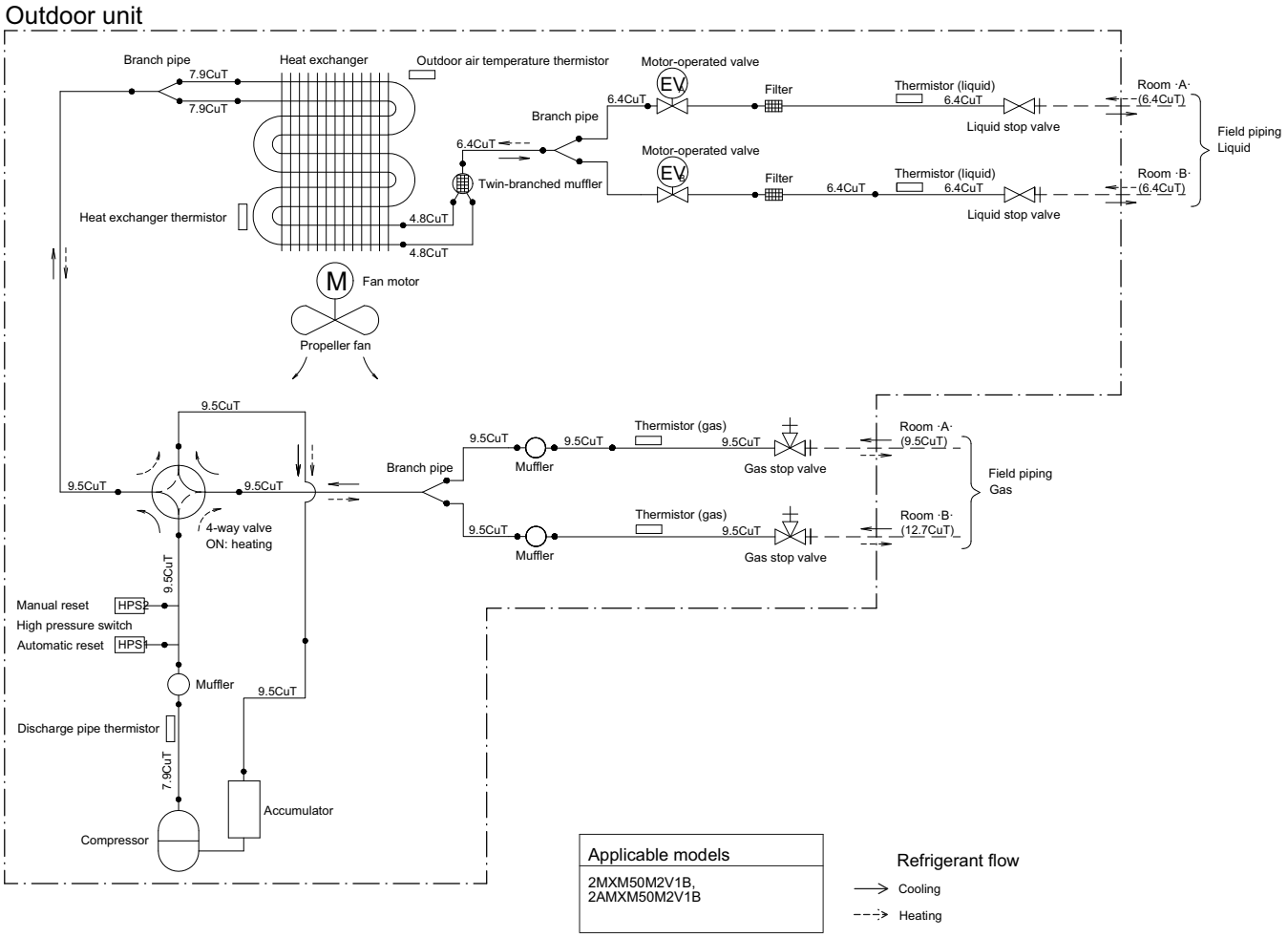
2. Items to check

Check item	Consequences of trouble	Check
Are the indoor units installed securely?	Falling, vibration, noise	
Has an inspection been made to check for gas leakage?	No cooling, no heating	
Has complete thermal insulation been done (gas pipes, liquid pipes, indoor portions of the drain hose extension)?	Water leakage	
Is the drainage secure?	Water leakage	
Are the ground wire connections secure?	Danger in the event of a ground fault	
Are the electric wires connected correctly?	No cooling, no heating	
Is the wiring in accordance with the specifications?	Operation failure, burning	
Are the inlets/outlets of the indoor and outdoor units free of any obstructions?	No cooling, no heating	
Are the stop valves open?	No cooling, no heating	
Do the marks match (room A, room B) on the wiring and piping for each indoor unit?	No cooling, no heating	

ATTENTION

- Have the customer actually operate the unit while looking at the manual included with the indoor unit. Instruct the customer how to operate the unit correctly (particularly cleaning of the air filters, operation procedures, and temperature adjustment).
- Even when the air conditioner is not operating, it consumes some electric power. If the customer is not going to use the unit soon after it is installed, turn off the breaker to avoid wasting electricity.
- If additional refrigerant has been charged because of long piping, list the amount added on the nameplate on the reverse side of the stop valve cover.

Piping Diagram



PED categories of equipment - High pressure switches : category IV; Compressor : category II; Other art 3§3 equipment.

NOTE:
When the high pressure switch is activated it must be reset manually by a qualified person.

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