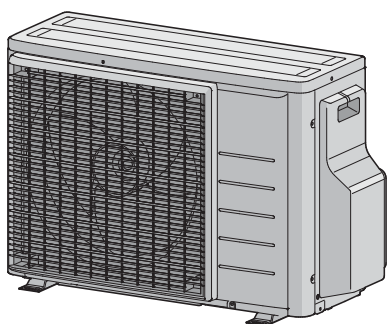




Installation manual

R32 Split series



2MXM40M4V1B
2MXM50M3V1B9
2AMXM40M4V1B
2AMXM50M4V1B
2AMXF40A2V1B
2AMXF50A2V1B
2MXF40A2V1B
2MXF50A2V1B

Installation manual
R32 Split series

English

CE - DECLARATION OF CONFORMITY
CE - KONFORMITÄTSSERKLÄRUNG
CE - DECLARATION DE CONFORMITE
CE - ΣΥΜΠΛΗΡΩΣΗ ΤΗΣ ΔΗΛΩΣΗΣ ΣΥΜΜΟΡΦΟΤΗΤΑΣ
CE - FORSKRÄNKNING OM ÖVERENSÄMMELSE

CE - DECLARAÇÃO DE CONFORMIDADE
CE - ЗАТВЕРЖЕНИЕ О СОБЛЮДЕНИИ
CE - OVERENSTEMMELSE SERKLÆRING
CE - FÖRSKRÄNKNING OM ÖVERENSÄMMELSE

CE - ERKLÆRING OM SAMSVAR
CE - ЛАВОНТІС УЗДНЕННІСІСІ ДУСТА
CE - DEKLARACJA ZGODNOŚCI
CE - DECLARAȚIE DE CONFORMITATE

CE - IZJAVA O SKLADNOSTI
CE - VASTAVUSDEKLARACIJA
CE - ДЕКЛАРАЦІЯ АБІ СВОБІДІСТЬ
CE - ДЕКЛАРАЦИЯ ЗА СВОБОДСТВО

CE - ATTIKITES-DEKLARACIA
CE - ATILIS KITES-DEKLARACIA
CE - VYHLASENÍ ZKODY
CE - UYGUNLUK BEYAN

Daikin Industries Czech Republic s.r.o.

- 01 declares under its sole responsibility that the air conditioning models to which this declaration relates;
02 erklärt auf seine alleinige Verantwortung, daß die Modelle der Klimaanlage für die diese Erklärung bestimmt ist;
03 déclare sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration;
04 verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft;
05 deklara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración;
06 δηλώνει sotto sua responsabilità che i condizionatori modello a cui è riferita questa dichiarazione;
07 объявляет на своем ответственности что кондиционеры модели от которой данная декларация;
08 deklara sous sa seule responsabilité que les modèles de air conditionné à que esta declaración se relate.

2MXM40M4V1B, 2AMXM40M4V1B,

- 01 are in conformity with the following standard(s) or other normative document(s), provided that these are used in accordance with our instructions;
02 werden folgenden Normen oder einem anderen Normdokument oder -dokumenten entspricht; es ist sicherzustellen, daß sie gemäß unseren 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(le) seguente(s) standard(i) o altro(i) document(i) a carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni;
07 είναι σύμφωνα με το(τα) ακόλουθο(α) πρότυπο(α) ή άλλο(α) έγγραφο(α) κανονιστικό, υπό την προϋπόθεση ότι χρησιμοποιείται σύμφωνα με τις οδηγίες μας;
08 in una predeclor.

EN60335-2-40,

- 10 under egnet til at bestemme sine i;
11 enligt vilkoren i;
12 gilt i henhold til bestemmelserne i;
13 noudattaa määräyksiä;
14 za dodržení ustanovení přísluš;
15 prema odredbama;
16 követi az;
17 zgodnie z postanowieniami Dyrektywy;
18 in una predeclor.

- 01 Note* as set out in <A> and judged positively by
02 Hinweis* wie in <A> angegeben und von positiv beurteilt gemäß Zertifikat <C>
03 Remarque* le que défini dans <A> et évalué positivement par 08 Nota* zoals vermeld in <A> en positief beoordeeld door 09 Примечание* zoals vermeld in <A> y es valorado positivamente por 10 Bemerk* como se establece en <A> y es valorado positivamente por de acuerdo con el Certificado <C>

- 01** DfCz*** is authorised to complete the Technical Construction File;
02** DfCz*** hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen;
03** DfCz*** est autorisé à compiler le Dossier de Construction Technique;
04** DfCz*** is berevoegd om het Technisch Constructiedossier samen te stellen;
05** DfCz*** está autorizado a compilar el Archivo de Construcción Técnica;
06** DfCz*** è autorizzata a redigere il File tecnico di Costruzione;

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

- 19 ob upotrebljavati dobit;
20 vastavati tolele;
21 creavati krajavne na;
22 lakavati nusstali, palekavati;
23 vavati pasitab, kas notakav;
24 orlavati isaravna;
25 bunni kavlavama ugnai orak;

- delnede nel <A> e giudicato positivamente da
secondo il Certificato <C>
onois obopavato ono <A> nei ckrato bndi
to to obopavato to <A> con o patero passivo
de de acoro con o Certificato <C>
paucenew coraco bndevencuety <C>
son antenri <A> og passiv vuvdeet ar i henhold til
Certifikat <C>

- 11 Information* enligt <A> och godkänns av enligt
Certifikat <C>
son det teknisknummer i <A> og gjennom positiv
bestemmelise av ifølge Serifikat <C>
jota an eselsty asakvissa <A> ja joia
n hyväksytty Serifikatin <C> mukaisesti;
jak bylo uvedeno v <A> a pozitivně zjišeno
 v souladu s osvědčením <C>
kalo je izloženo u <A> pozitivno odgledjeno od strane
 prema Certificatu <C>

- 16 Megjegyzés* a/2) <A> alapján a/2) igazolta a megfigyelést, a/2) 21 Zebelenek* kato e kiroveto e <A> y queneo parovoneno ot
<C> tanusitvány szentit;
22 Pasaba* kapiusitvay <A> y kap bignatni nusytva pagal
Serifikat <C>
ka notaditi <A> en abiditoti pozivilatim vtrijlman
in conformitate cu Certificatu <C>
koti je odobreno v <A> n odobreno a strani
v skladu s certifikatom <C>
 jarg vastavati serifikadle <C>

- 17 Uwaga* zgodnie z dokumentacją <A> pozytywną
22 Pasaba* kapiusitvay <A> y kap bignatni nusytva pagal
Serifikat <C>
ka notaditi <A> en abiditoti pozivilatim vtrijlman
in conformitate cu Certificatu <C>
koti je odobreno v <A> n odobreno a strani
v skladu s certifikatom <C>
 jarg vastavati serifikadle <C>

- 21 Zebelenek* kato e kiroveto e <A> y queneo parovoneno ot
caraco Cernipavara <C>
kapiusitvay <A> y kap bignatni nusytva pagal
Serifikat <C>
ka notaditi <A> en abiditoti pozivilatim vtrijlman
in conformitate cu Certificatu <C>
koti je odobreno v <A> n odobreno a strani
v skladu s certifikatom <C>
 jarg vastavati serifikadle <C>

- 13* DfCz*** on valueti baatman Teknisen asitvan;
14* Společnost DfCz*** má oprávnění ke kompilaci souboru technické konstrukce;
15* DfCz*** je ověřen za izbu; Databele do kompletu o tehnické konstukci;
16* A DfCz*** jegeotit a nistak konstuktus dokumento osszallitása;
17* DfCz*** má povolení zhotovovat zbraňování a opracování konstrukcí;
18* DfCz*** este autorizat să complice Dosarul tehnic de construcție;

- 19** DfCz*** je podobčen za sestavo dabele s tehnicno mapo;
20** DfCz*** on voltat košana tehnikis dokumentatsion;
21** DfCz*** e otropakana aa osraai Akra za revievaco konstruktura;
22** DfCz*** ya gilaia sudayti šj tehnikis konstrukcijas šla;
23** DfCz*** ir autorizēts sastādīt tehniko dokumentāciju;
24** Spoločnosť DfCz*** je oprávnená vyvíjať súbor technických konštrukcie;
25** DfCz*** Teknik Yapı Dosyasını derlemeye yetkilidir;

- 09 заявляет, исключительнo под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящая заявка;
09 erklær under eiersvar, at klimaanlegsmodelle, som denne deklaraton vedrør;
10 ooverstaanot sledyuyom standartu ili drugim normativnym dokumentam, pri ustovni ispol'zovanii sopnoo namim instruktsum;
11 overholder følgende standard(er) eller andre relevante tekniske dokument(er), forudsat at disse anvendes i henhold til vore instruktioner;
12 erklærer et tilsvarende svar for at de iførdningsmodelerne som beror på denne deklaration imødeer at;
13 ilmoittaa yksinomaan omalla vastuullaan, että lainan ilmoituksen tarkoituksella ilmoitettujen mallit;
14 prokazuje ve své plné odpovědnosti, že modely klimatizací, k nimž se tato prohlášení vztahuje;
15 izjavljue pot svojemu vladnom odgovornostu da su modeli klima uradja na koje se ova izjava odnosi;
16 teğis feclisiseğ; ilavlatın Myleti, toğy a klimatizerleriz modeler, neyletke e yulavkozat vovrakoz;

- 17 deklarie na vladati vlyevaco otvovetstvenost, že modela klimatizatorov, k tvorih dovlvci nilejeza deklaracija;
18 deklari je proprie d'apartenee d'a aparate la care se referă această declarație;
19 z svo odgovornostjo izjavlj, da so modeli klimatskih naprav, na katere se izjava nanaša;
20 kinnat oma täieliku vastuvõtu, et käesoleva deklaratsiooni alla kuuluvad käesolevate mudelid;
21 peapõhja on oma otvovetstvenost, že modelene klimaticheskimi ustroystvami, za kotory se otnosia etay deklaraciy;
22 vastat savo otvovetstvenosti, kad so konditsionirovaniye predevay modelay, k vremen ya deklariatsiya;
23 avlita kinnat nurodoyus standartu s (arav) klisu normitius dokumentus su sajtya, kad yra naudojami pagal mūsų nurodymus;
24 avlita kinnat nurodoyus standartu s (arav) klisu normitius dokumentus su sajtya, kad yra naudojami pagal mūsų nurodymus;
25 avlita kinnat nurodoyus standartu s (arav) klisu normitius dokumentus su sajtya, kad yra naudojami pagal mūsų nurodymus;

- 08 esto en conformitate con al(s) siguiente(s) norma(s) u otro(s) documento(s) normativo(s), desde que estes sejen utilizados de
acordo com as nossas instruções;
09 ooverstaanot sledyuyom standartu ili drugim normativnym dokumentam, pri ustovni ispol'zovanii sopnoo namim instruktsum;
10 overholder følgende standard(er) eller andre relevante tekniske dokument(er), forudsat at disse anvendes i henhold til vore instruktioner;
11 respektive tilsvarende et svar for at de iførdningsmodelerne som beror på denne deklaration imødeer at;
12 respektive dñstir er i overensstemmelse med våra instruktioner;
13 vastavati seuraavien standardien ja muiden ohjeistettien dokumenttien vaatimuksia edellytettien että niitä käytetään ohjeistamme mukaisesti;
14 za predepklatu, že souo využívaný v souladu s našimi pokyny, odpovídaj následujícím normám nebo normativním dokumentům;
15 u skladu sa sjędecom standardom(na) ili drugim normativnim dokumentom(na), uz uvjet da se oni koriste u skladu s našim uputama;

- 16 megfigyelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak, az azokat előírás szerinti használatjal;
17 spniti in conformitate cu umătrbu (umătrbele standard e) sau alt(e) document(e) normativ(e), cu condiția ca acestea să fie utilizate în conformitate cu instrucțiunile noastre;
18 on vastavuses järgmiste standardite ga või teiste normatiivsete dokumentidega, kui need kasutatakse vastavalt meie juhendilete;
21 ooverstaanot na crenivne crayuyom ili drugiy normativnyy dokument, pri ustovne, ve ce katorasot coraco shurne instruktsum;
22 avlita kinnat nurodoyus standartu s (arav) klisu normitius dokumentus su sajtya, kad yra naudojami pagal mūsų nurodymus;
23 tad, ja teioti abiditoti razloža rodujilman, abidit sekošesot standartem in oltien normativnim dokumentem;
24 su v zbrode s našedcom(nu) normo(am) alebo tým(i) normativný(m) dokumentom(na)mi, za predpoklad, že sa používajú v súlade s našimi návodmi;
25 iurün, ta imatlamaz gure kulanimasi kosuyula asğıdaki standartlar ve norm belirlen beğelerle uyumludur;

- 01 Directives, amendi;
02 Direktiven, amendi;
03 Direktives, amendi;
04 Richtlijnen, zoals geamendard;
05 Directives, zoals je amendo;
06 Direktive, come de modifia;
07 Ohjavit, onus kyon korotototit;
08 Directivas, conforne alteraço en;
09 Dpřevina co vsemu nopolavani;
10 Direktiver, med senere ændringer;
11 Direktiv, med foretagne ændringer;
12 Direktive, telles que modifiées;
13 Direktiveja, selisina kuin ne oia muutettuna;
14 v päeteni znti;
15 Správna, ako je zmenejono;
16 irányelvények és módosítások rendelkezései;
17 z pozneszym poprawkami;
18 Direktiwo, cu amandamentele respective;
19 Direktiva z vsemi spremembami;
20 Direktiv, koss muudatustega;
21 Dpřevina, c reurru kamevnia;
22 Direktivus su papildijimais;
23 Direktivus un lo papildijimus;
24 Smernice, z planimi zmen;
25 Dpřevinným tělěkye foremekler;



Yasuto Hiraoka
Managing Director
Pilsen, 2nd of July 2018

DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.

U Nové Hospody 1/1155, 301 00 Plzeň Skvrňany,
Czech Republic

YH.

CE - DECLARATION OF CONFORMITY	CE - ERKLÄRUNG ÜBER ÜBEREINSTIMMUNG	CE - IZJAVA O SKLADNOSTI	CE - ATITIKTES DEKLARACIJA
CE - CONFORMITÄTSSERKLÄRUNG	CE - ERKLÄRUNG ÜBER ÜBEREINSTIMMUNG	CE - VASTAVUSEKILJUTUSOON	CE - ATITILSTĪBAS DEKLARĀCIJA
CE - DECLARATION OF CONFORMITY	CE - ERKLÄRUNG ÜBER ÜBEREINSTIMMUNG	CE - DEKLARACIJA ŽODNOSČI	CE - PĪLASEŠĒ ŽODŅU
CE - CONFORMITÄTSSERKLÄRUNG	CE - ERKLÄRUNG ÜBER ÜBEREINSTIMMUNG	CE - DEKLARACIJA DE CONFORMITATE	CE - UYUMLUK BEYAN

Daikin Industries Czech Republic s.r.o.

01 000	desdars under its sole responsibility that the air conditioning models to which this declaration relates	09 000	заявляет, исключительно под свою ответственность, что модели кондиционеров воздуха, к которым относится настоящее заявление;	17 000	deklaruje na własną odpowiedzialność, że modele klimatyzatorów, których dotyczy niniejsza deklaracja;
02 000	erklärt auf seine alleinige Verantwortung, daß die Modelle der Klimaanlage für die diese Erklärung bestimmt ist;	10 000	erklärer under ansvar av huvudsägar, att klimatavdelningen, som denne deklaration utgår ifrån,	18 000	deklara je pripor, odgovornost za aparate da je aer conditionali care se referă această declaraţie;
03 000	declara sous sa seule responsabilité que les appareils d'air conditionné visés par la présente déclaration;	11 000	erklärer et jager sig ansvar for at de luftkonditioneringsmodeller som beror af denne deklaration, inehæft at;	19 000	krīdina ar savu atbildību, ka aparāti, kas ir minēti šajā deklarācijā, ir atbilstoši prasībām, kas ir noteiktas šajā deklarācijā;
04 000	verklaart herbij de eigen exclusieve verantwoordelijkheid dat de airconditioning units waarop deze verklaring betrekking heeft;	12 000	erklärer et jager sig ansvar for at de luftkonditioneringsmodeller som beror af denne deklaration, inehæft at;	20 000	krīdina ar savu atbildību, ka aparāti, kas ir minēti šajā deklarācijā, ir atbilstoši prasībām, kas ir noteiktas šajā deklarācijā;
05 000	declara bajo su única responsabilidad que los modelos de aire acondicionado a los cuales hace referencia la declaración;	13 000	innoita, yksomaan omalla vastuullaan, että tähän ilmiötekniikan teknologiaan liittyvät ilmiötekniikan mallit;	21 000	paatavara na svoj odgovorosti, że modele klimatyczne instalacji, za które są odpowiadają, są zgodne z wymaganiami określonymi w niniejszym oświadczeniu;
06 000	declara sotto sua responsabilità che i condizionatori modello a cui si riferita questa dichiarazione;	14 000	prohlásuje ve své plné odpovědnosti, že modely klimatizací, k nimž se tato prohlášení vztahuje;	22 000	veštis savo atsakomybę šventai, kad jos kondicionavimo prietaisai, kuriems yra akcentas šioje deklaracija, atitinka apibrėžtą, kad šie kondicionavimo įrenginiai atitinka šioje deklaracijoje nurodytas reikiamas sąlygas;
07 000	оъявляю на свое исключительное право ответственности, что кондиционеры модели, к которой относится данное заявление, соответствуют требованиям, указанным в данном заявлении;	15 000	izpaukojot pilnā atbildībā, ka šie klimatizācijas modeļi, kas ir minēti šajā deklarācijā, atbilst prasībām, kas ir noteiktas šajā deklarācijā;	23 000	apliecinu, kad šie klimatizatori atbilst prasībām, kas ir noteiktas šajā deklarācijā;
08 000	declara sous sua exclusiva responsabilidade que os modelos de ar condicionado a que esta declaração se refere.	16 000	leģis lietoties šajā izpaukojuma nolūkiem, jo šie klimatizācijas modeļi, neapņemt ir paturēti atbilstoši prasībām, kas ir noteiktas šajā deklarācijā;	25 000	paatavara na svoj odgovorosti, że modele klimatyczne instalacji, za które są odpowiadają, są zgodne z wymaganiami określonymi w niniejszym oświadczeniu;

2MXM50M30V1B9, 2AMXM50M40V1B,

CE - DECLARATION OF CONFORMITY	CE - ERKLÄRUNG ÜBER ÜBEREINSTIMMUNG	CE - IZJAVA O SKLADNOSTI	CE - ATITIKTES DEKLARACIJA
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CE - CONFORMITÄTSSERKLÄRUNG	CE - ERKLÄRUNG ÜBER ÜBEREINSTIMMUNG	CE - DEKLARACIJA DE CONFORMITATE	CE - UYUMLUK BEYAN

05	están en conformidad con la(s) siguiente(s) norma(s) o otro(s) documentos) normativas), siempre que sean utilizados de acuerdo con nuestras instrucciones;	08	соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям;	12	respektive utstyr er i overensstemmelse med følgende standard(er) eller andre normerende dokument(er), under forudsætning af at disse bruges i henhold til de instruktioner;
06	sono conformi all(i) seguente(i) standard(i) o altro(i) documento(i) di carattere normativo, a patto che vengano usati in conformità alle nostre istruzioni;	10	overholder følgende standard(er) eller andet/andre rengøringsveje dokument(er), boudst at disse anvendes i henhold til vores instruktioner;	13	vastard ar suaraven standardan ir muden ohtieksten dokumentien valitukaisa edytviben, eta mila kareidam ohtiekdamen mukastesi;
07	είναι σύμφωνα με το(α) ακόλουθο(α) πρότυπο(α) ή άλλο(α) έγγραφο(α) κανονισμού, υπό την προϋπόθεση ότι χρησιμοποιούνται σύμφωνα με τις οδηγίες που;	11	respektive utrustning är utförd i överensstämmelse med och följer följande standard(er) eller andra normerande dokument, under förutsättning att anvisning sker i överensstämmelse med våra instruktioner;	14	za predpokrde, za isou využívan v souladu s našimi pokyny, odpovídají následujícím normám nebo normativním dokumentům;
08	estão em conformidade com a(s) seguinte(s) norma(s) ou outro(s) documentos) normativas), desde que estes sejam utilizados de acordo com as nossas instruções;	16	meslemlenir ve adabi saavayolu okrak vagn evyolu ravayolu dokumentum(ok)nak, na azokat adórtas szent hasznájak.	15	u skladu sa slejedam standardom(i) ili drugim normativnim dokumentom(i)me, uz uvjet da se oni koriste u skladu s našim uputama;

2MXM50M30V1B9, 2AMXM50M40V1B,

01	as set out in <A> and judged positively by according to the <Certificat >	11	under egnet/egnet af bestemmelserne i:	19	ob upořádanu dobů;	01	Directives, as amended;	18	Direktiver, cu amendamentele respective.
02	gemäß den Vorschriften der <Certificat >	12	enligt villkoren i:	20	vastavut tutele;	21	enligt tekniska föreskrifter.	19	Direktive z vsemi spremembami.
03	conformément aux stipulations des <Certificat >	13	noudlæsten af bestemmelserne i:	21	enligt tekniska föreskrifter.	22	enligt tekniska föreskrifter.	20	Direktivt kos mudatidaleja.
04	conformemente alle disposizioni dei <Certificat >	14	zadányi noudlæsten af bestemmelserne i:	22	enligt tekniska föreskrifter.	23	enligt tekniska föreskrifter.	21	Direktivt kos mudatidaleja.
05	spuendo las disposiciones de: <Certificat >	15	zadányi noudlæsten af bestemmelserne i:	23	enligt tekniska föreskrifter.	24	enligt tekniska föreskrifter.	22	Direktivt kos mudatidaleja.
06	secondo le prescrizioni per: <Certificat >	16	kivelti a(z):	24	enligt tekniska föreskrifter.	25	enligt tekniska föreskrifter.	23	Direktivt kos mudatidaleja.
07	je riprodotto dai documenti per: <Certificat >	17	zgodine z posravanjama Direktivy:	25	enligt tekniska föreskrifter.	26	zgodine z posravanjama Direktivy:	24	Smerice, i planovi, reseni.
08	de acordo com o previsto em: <Certificat >	18	в соответствии с положениями:	26	zgodine z posravanjama Direktivy:	27	zgodine z posravanjama Direktivy:	25	Degjshmish telenje Forenkelker.

01	as set out in <A> and judged positively by according to the <Certificat >	11	under egnet/egnet af bestemmelserne i:	19	ob upořádanu dobů;	01	Directives, as amended;	18	Direktiver, cu amendamentele respective.
02	gemäß den Vorschriften der <Certificat >	12	enligt villkoren i:	20	vastavut tutele;	21	enligt tekniska föreskrifter.	19	Direktive z vsemi spremembami.
03	conformément aux stipulations des <Certificat >	13	noudlæsten af bestemmelserne i:	21	enligt tekniska föreskrifter.	22	enligt tekniska föreskrifter.	20	Direktivt kos mudatidaleja.
04	conformemente alle disposizioni dei <Certificat >	14	zadányi noudlæsten af bestemmelserne i:	22	enligt tekniska föreskrifter.	23	enligt tekniska föreskrifter.	21	Direktivt kos mudatidaleja.
05	spuendo las disposiciones de: <Certificat >	15	zadányi noudlæsten af bestemmelserne i:	23	enligt tekniska föreskrifter.	24	enligt tekniska föreskrifter.	22	Direktivt kos mudatidaleja.
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07	je riprodotto dai documenti per: <Certificat >	17	zgodine z posravanjama Direktivy:	25	enligt tekniska föreskrifter.	26	zgodine z posravanjama Direktivy:	24	Smerice, i planovi, reseni.
08	de acordo com o previsto em: <Certificat >	18	в соответствии с положениями:	26	zgodine z posravanjama Direktivy:	27	zgodine z posravanjama Direktivy:	25	Degjshmish telenje Forenkelker.

EN60335-2-40,

01	following the Vorschriften der:	11	under egnet/egnet af bestemmelserne i:	19	ob upořádanu dobů;	01	Directives, as amended;	18	Direktiver, cu amendamentele respective.
02	gemäß den Vorschriften der:	12	enligt villkoren i:	20	vastavut tutele;	21	enligt tekniska föreskrifter.	19	Direktive z vsemi spremembami.
03	conformément aux stipulations des:	13	noudlæsten af bestemmelserne i:	21	enligt tekniska föreskrifter.	22	enligt tekniska föreskrifter.	20	Direktivt kos mudatidaleja.
04	conformemente alle disposizioni dei:	14	zadányi noudlæsten af bestemmelserne i:	22	enligt tekniska föreskrifter.	23	enligt tekniska föreskrifter.	21	Direktivt kos mudatidaleja.
05	spuendo las disposiciones de:	15	zadányi noudlæsten af bestemmelserne i:	23	enligt tekniska föreskrifter.	24	enligt tekniska föreskrifter.	22	Direktivt kos mudatidaleja.
06	secondo le disposizioni per:	16	kivelti a(z):	24	enligt tekniska föreskrifter.	25	enligt tekniska föreskrifter.	23	Direktivt kos mudatidaleja.
07	je riprodotto dai documenti per:	17	zgodine z posravanjama Direktivy:	25	enligt tekniska föreskrifter.	26	zgodine z posravanjama Direktivy:	24	Smerice, i planovi, reseni.
08	de acordo com o previsto em:	18	в соответствии с положениями:	26	zgodine z posravanjama Direktivy:	27	zgodine z posravanjama Direktivy:	25	Degjshmish telenje Forenkelker.

01	as set out in <A> and judged positively by according to the <Certificat >	11	under egnet/egnet af bestemmelserne i:	19	ob upořádanu dobů;	01	Directives, as amended;	18	Direktiver, cu amendamentele respective.
02	gemäß den Vorschriften der <Certificat >	12	enligt villkoren i:	20	vastavut tutele;	21	enligt tekniska föreskrifter.	19	Direktive z vsemi spremembami.
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04	conformemente alle disposizioni dei <Certificat >	14	zadányi noudlæsten af bestemmelserne i:	22	enligt tekniska föreskrifter.	23	enligt tekniska föreskrifter.	21	Direktivt kos mudatidaleja.
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07	je riprodotto dai documenti per: <Certificat >	17	zgodine z posravanjama Direktivy:	25	enligt tekniska föreskrifter.	26	zgodine z posravanjama Direktivy:	24	Smerice, i planovi, reseni.
08	de acordo com o previsto em: <Certificat >	18	в соответствии с положениями:	26	zgodine z posravanjama Direktivy:	27	zgodine z posravanjama Direktivy:	25	Degjshmish telenje Forenkelker.

01	as set out in <A> and judged positively by according to the <Certificat >	11	under egnet/egnet af bestemmelserne i:	19	ob upořádanu dobů;	01	Directives, as amended;	18	Direktiver, cu amendamentele respective.
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08	de acordo com o previsto em: <Certificat >	18	в соответствии с положениями:	26	zgodine z posravanjama Direktivy:	27	zgodine z posravanjama Direktivy:	25	Degjshmish telenje Forenkelker.

DlCZ = Daikin Industries Czech Republic s.r.o.

01	DCZ is authorised to complete the Technical Construction File;
02	DCZ hat de Berechtigung de Technische Konstruktionsdatei zusammenzustellen;
03	DCZ est autorisé à compléter le dossier de Construction technique;
04	DCZ is bevoegd om het Technisch Constructie dossier samen te stellen;
05	DCZ is autorizzato a compilare l'Archivio de Costruzione tecnica;
06	DCZ is autorizată a redigea i Fiile tehnice de Construcție;

19	DCZ je poobšen za sestavo delovke s tehnično mapo.
20	DCZ je poobšen za sestavo delovke s tehnično mapo.
21	DCZ je poobšen za sestavo delovke s tehnično mapo.
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24	DCZ je poobšen za sestavo delovke s tehnično mapo.

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13	DCZ na vattu letu laamaan Tekisen asakjan.
14	Společnost DCZ má oprávnění ke kompilaci souboru technické konstrukce.
15	DCZ je ovládnut za zradu Deloitte o termínů konstrukci.
16	A DCZ pogsult a múzskai konstrukciós dokumentáció összeállítására.
17	DCZ má upowaznienie do zbierania i opracowywania dokumentacji konstrukcji.
18	DCZ este autorizat să complice Dosarul tehnic de constructie.

[illegible]

Daikin Industries Czech Republic s.r.o.

- [illegible]

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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. | 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. | 09 | соответствуют следующим стандартам или другим нормативным документам, при условии их использования согласно нашим инструкциям. | 12 | respektive uistvirji overensstemmelse med følgende standard(er) eller andre normierende dokument(er), ved forudsætning af at disse bruges i henhold til vore instruktioner. | 17 | spejgaba wmgoty iastepiajacych norm i innych dokumentów normalizacyjnych, pod warunkiem że używane są zgodnie z naszymi instrukcjami. | 21 | сочастаааа на сардэае стандарты или други нормативни документи, при условии, че се използват съгласно нашите инструкции. |
| 02 | derinden folgenden Norm(en) oder einen anderen Normdokument oder -dokument(en) entspringtensprohen, unter der Voraussetzung, daß sie gemäß unseren Anweisungen eingesetzt werden. | 06 | sono conformi all(i) seguente(s) standard(i) o alt(ro) documento(i) a carattere normativo, a patto che vengano usati in conformita alle nostre istruzioni. | 10 | remtspgveende standard(er), forudsat at disse anvendes i henhold til vore instruktioner. | 18 | vaatmuka aetvetyinen, elle mita käytetän ohjeidenmukaan: standardit ja tekniset standardit, jotka on tarkoitettu käytettäväksi vain yhdessä näiden ohjeiden kanssa. | 22 | attinaka zeman uroavoyu standardi i (aba) klus nominus dokumentus su salpya, ka yri naabam pagu masy uroavoyu standardi ja tekniat abutstis rabotaa nardijumen, abutst sekoapem standardem un oten normativem dokumentem. | 26 | attinaka zeman uroavoyu standardi i (aba) klus nominus dokumentus su salpya, ka yri naabam pagu masy uroavoyu standardi ja tekniat abutstis rabotaa nardijumen, abutst sekoapem standardem un oten normativem dokumentem. |
| 03 | sont conformes à la(ux) norme(s) ou autre(s) document(s) normatif(s), pour autant qu'ils soient utilisés conformément à nos instructions. | 07 | elav oijuyvva yu ty(o) oobolav(o) tyotvum(o) i d(avo tyvop(o) o korovoyvuv, mrv tyvotvotvov on tyvotyvovotvov oijuyvva yu ty, oijvys' jayc'. | 11 | respektive iustitving ar tyfotd i overensstemmelse med oth tyfjvle tyfjvnde standard(er) eller andra normvande dokument, under forudsætning af at andringning sker i overensstemmelse med lara instruktioner. | 19 | skladni z nasejningim standard i drugim normativim, pod pogjem, da se upravajvjo v skladu z našimi navodili. | 23 | su i znode s nasledovny(m) nomuajumi) alebo nym(i) nomativny(m) dokumentom(i), za predpokladu, že sa používajú v súlade s našimi navodmi. | 27 | skladni z nasejningim standard i drugim normativim, pod pogjem, da se upravajvjo v skladu z našimi navodili. |
| 04 | conform de volgende norm(en) of één of meer andere bindende documenten zijn op voorwaarde dat ze worden gebruikt overeenkomstig onze instructies. | 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. | 16 | respektivek az aboti szabvány(ok)nak egyévi egyetv rrvavado dokumentum(ok)nak, ha azokat előírás szerint használják. | 20 | on vastavuses jaymstis (ve standarditvteja vti leste nomativisate dokumentitvegi, kul ned kasivatitake vastavat mae jvutendilee: dokumentum(ok)nak, ha azokat előírás szerint használják. | 24 | on vastavuses jaymstis (ve standarditvteja vti leste nomativisate dokumentitvegi, kul ned kasivatitake vastavat mae jvutendilee: dokumentum(ok)nak, ha azokat előírás szerint használják. | 28 | on vastavuses jaymstis (ve standarditvteja vti leste nomativisate dokumentitvegi, kul ned kasivatitake vastavat mae jvutendilee: dokumentum(ok)nak, ha azokat előírás szerint használják. |
| EN60335-2-40. | | | | | | | | | | | |
| 01 | following the provisions of: | 19 | ob upostvavaru obovot: | 23 | vastavavaru obovot: | 27 | ob upostvavaru obovot: | 31 | ob upostvavaru obovot: | 35 | ob upostvavaru obovot: |
| 02 | gemäß den Vorschriften der: | 20 | ingvi vlvonit i: | 24 | ingvi vlvonit i: | 28 | ingvi vlvonit i: | 32 | ingvi vlvonit i: | 36 | ingvi vlvonit i: |
| 03 | conformément aux dispositions des: | 21 | crapavak krovnye na: | 25 | crapavak krovnye na: | 29 | crapavak krovnye na: | 33 | conformément aux dispositions des: | 37 | conformément aux dispositions des: |
| 04 | overeenkomstig de bepalingen van: | 22 | lakatis nostvau, palekavim: | 26 | lakatis nostvau, palekavim: | 30 | lakatis nostvau, palekavim: | 34 | overeenkomstig de bepalingen van: | 38 | overeenkomstig de bepalingen van: |
| 05 | sconforming de bepalingen van: | 23 | ekvotd prabas, las indekats: | 27 | ekvotd prabas, las indekats: | 31 | ekvotd prabas, las indekats: | 35 | sconforming de bepalingen van: | 39 | sconforming de bepalingen van: |
| 06 | secondo le prescrizioni per: | 24 | prdvavajvce ustanovena: | 28 | prdvavajvce ustanovena: | 32 | prdvavajvce ustanovena: | 36 | secondo le prescrizioni per: | 40 | secondo le prescrizioni per: |
| 07 | zgodno z navodili proizvajalca: | 25 | bunuv kvsilavna vgvv odavak: | 29 | bunuv kvsilavna vgvv odavak: | 33 | bunuv kvsilavna vgvv odavak: | 37 | zgodno z navodili proizvajalca: | 41 | zgodno z navodili proizvajalca: |
| 08 | in accordance with the provisions of: | 26 | ingvi vlvonit i: | 30 | ingvi vlvonit i: | 34 | ingvi vlvonit i: | 38 | in accordance with the provisions of: | 42 | in accordance with the provisions of: |
| 09 | gemäß den Vorschriften der: | 27 | crapavak krovnye na: | 31 | crapavak krovnye na: | 35 | crapavak krovnye na: | 39 | gemäß den Vorschriften der: | 43 | gemäß den Vorschriften der: |
| 10 | conformément aux dispositions des: | 28 | lakatis nostvau, palekavim: | 32 | lakatis nostvau, palekavim: | 36 | lakatis nostvau, palekavim: | 40 | conformément aux dispositions des: | 44 | conformément aux dispositions des: |
| 11 | overeenkomstig de bepalingen van: | 29 | ekvotd prabas, las indekats: | 33 | ekvotd prabas, las indekats: | 37 | ekvotd prabas, las indekats: | 41 | overeenkomstig de bepalingen van: | 45 | overeenkomstig de bepalingen van: |
| 12 | sconforming de bepalingen van: | 30 | prdvavajvce ustanovena: | 34 | prdvavajvce ustanovena: | 38 | prdvavajvce ustanovena: | 42 | sconforming de bepalingen van: | 46 | sconforming de bepalingen van: |
| 13 | secondo le prescrizioni per: | 31 | bunuv kvsilavna vgvv odavak: | 35 | bunuv kvsilavna vgvv odavak: | 40 | bunuv kvsilavna vgvv odavak: | 43 | secondo le prescrizioni per: | 47 | secondo le prescrizioni per: |
| 14 | zgodno z navodili proizvajalca: | 32 | ingvi vlvonit i: | 36 | ingvi vlvonit i: | 41 | ingvi vlvonit i: | 44 | zgodno z navodili proizvajalca: | 48 | zgodno z navodili proizvajalca: |
| 15 | in accordance with the provisions of: | 33 | crapavak krovnye na: | 37 | crapavak krovnye na: | 42 | crapavak krovnye na: | 45 | in accordance with the provisions of: | 49 | in accordance with the provisions of: |
| 16 | gemäß den Vorschriften der: | 34 | lakatis nostvau, palekavim: | 38 | lakatis nostvau, palekavim: | 43 | lakatis nostvau, palekavim: | 46 | gemäß den Vorschriften der: | 50 | gemäß den Vorschriften der: |
| 17 | conformément aux dispositions des: | 35 | ekvotd prabas, las indekats: | 39 | ekvotd prabas, las indekats: | 44 | ekvotd prabas, las indekats: | 47 | conformément aux dispositions des: | 51 | conformément aux dispositions des: |
| 18 | overeenkomstig de bepalingen van: | 36 | prdvavajvce ustanovena: | 40 | prdvavajvce ustanovena: | 45 | prdvavajvce ustanovena: | 48 | overeenkomstig de bepalingen van: | 52 | overeenkomstig de bepalingen van: |
| 19 | sconforming de bepalingen van: | 37 | bunuv kvsilavna vgvv odavak: | 41 | bunuv kvsilavna vgvv odavak: | 46 | bunuv kvsilavna vgvv odavak: | 49 | sconforming de bepalingen van: | 53 | sconforming de bepalingen van: |
| 20 | secondo le prescrizioni per: | 38 | ingvi vlvonit i: | 42 | ingvi vlvonit i: | 47 | ingvi vlvonit i: | 50 | secondo le prescrizioni per: | 54 | secondo le prescrizioni per: |

EN60335-2-40,

- [illegible]

- [illegible]

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 - 03** DICZ este autorizat să compileze le Dosar de Construcții Tehnice.
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[†]DICz = Daikin Industries Czech Republic s.r.o.

Table of contents

1	About the documentation	11
1.1	About this document.....	11
2	About the box	11
2.1	Outdoor unit.....	11
2.1.1	To remove the accessories from the outdoor unit.....	11
3	Preparation	12
3.1	Preparing the installation site	12
3.1.1	Installation site requirements of the outdoor unit	12
3.1.2	Additional installation site requirements of the outdoor unit in cold climates	12
3.1.3	Refrigerant piping length and height difference	13
4	Installation	13
4.1	Mounting the outdoor unit.....	13
4.1.1	To provide the installation structure	13
4.1.2	To install the outdoor unit.....	13
4.1.3	To provide drainage	13
4.1.4	To prevent the outdoor unit from falling over	14
4.2	Connecting the refrigerant piping	14
4.2.1	Connections between outdoor and indoor unit using reducers	14
4.2.2	To connect the refrigerant piping to the outdoor unit ..	14
4.3	Checking the refrigerant piping	15
4.3.1	To check for leaks	15
4.3.2	To perform vacuum drying	15
4.4	Charging refrigerant	15
4.4.1	About the refrigerant	15
4.4.2	To determine the additional refrigerant amount	16
4.4.3	To determine the complete recharge amount	16
4.4.4	To charge additional refrigerant	16
4.4.5	To fix the fluorinated greenhouse gases label	16
4.5	Connecting the electrical wiring	16
4.5.1	Specifications of standard wiring components	17
4.5.2	To connect the electrical wiring on the outdoor unit....	17
4.6	Finishing the outdoor unit installation	18
4.6.1	To finish the outdoor unit installation	18
4.6.2	About ECONO mode prohibition setting	18
4.6.3	About night quiet mode	18
4.6.4	About heat mode lock	18
4.6.5	About standby electricity saving function	18
5	Commissioning	19
5.1	Checklist before commissioning	19
5.2	Checklist during commissioning	19
5.3	Trial operation and testing	19
5.3.1	About wiring error check	19
5.3.2	To perform a test run	20
5.4	Starting up the outdoor unit	20
6	Disposal	20
6.1	To pump down.....	20
6.2	To start and stop forced cooling	21
7	Technical data	21
7.1	Wiring diagram	21
7.1.1	Unified wiring diagram legend	21
7.2	Piping diagram: Outdoor unit.....	22

1 About the documentation

1.1 About this document

Target audience

Authorised installers



INFORMATION

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.



WARNING

Make sure installation, servicing, maintenance, repair and applied materials follow the instructions from Daikin and, in addition, comply with applicable legislation and are performed by qualified persons only. In Europe and areas where IEC standards apply, EN/IEC 60335-2-40 is the applicable standard.

Documentation set

This document is part of a documentation set. The complete set consists of:

- **General safety precautions:**
 - Safety instructions that you **MUST** read before installing
 - Format: Paper (in the box of the outdoor unit)
- **Outdoor unit installation manual:**
 - Installation instructions
 - Format: Paper (in the box of the outdoor unit)
- **Installer reference guide:**
 - Preparation of the installation, reference data,...
 - Format: Digital files on <http://www.daikineurope.com/support-and-manuals/product-information/>

Latest revisions of the supplied documentation may be available on the regional Daikin website or via your dealer.

The original documentation is written in English. All other languages are translations.

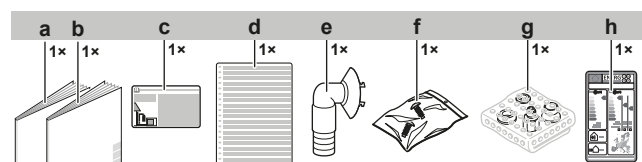
Technical engineering data

- A **subset** of the latest technical data is available on the regional Daikin website (publicly accessible).
- The **full set** of latest technical data is available on the Daikin Business Portal (authentication required).

2 About the box

2.1 Outdoor unit

2.1.1 To remove the accessories from the outdoor unit



- a Outdoor unit installation manual
- b General safety precautions
- c Fluorinated greenhouse gases label
- d Multilingual fluorinated greenhouse gases label
- e Drain socket
- f Screw bag (for fixing wire retainer)

3 Preparation

- g Reducer assembly
- h Energy label

3 Preparation

3.1 Preparing the installation site

- Choose a location where the hot/cold air discharged from the unit or the operation noise, will NOT disturb anyone.



WARNING

Do NOT install the air conditioner at any place where flammable gas may leak out. If the gas leaks out and stays around the air conditioner, a fire may break out.

- Install units, power cables and communication wiring at least 3 m away from televisions or radios to prevent interference. Depending on the radio waves, a distance of 3 m may not be sufficient.
- Objects placed under the unit may be damaged by water from the drain.



WARNING

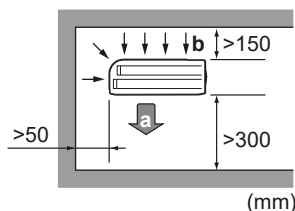
If appliances contain R32 refrigerant, then the floor area of the room in which the appliances are installed, operated and stored must be larger than the minimum floor area. This applies to:

- Indoor units **without** refrigerant leakage sensor; in case of indoor units **with** refrigerant leakage sensor, consult the installation manual
- Outdoor units installed or stored indoors (example: winter garden, garage, machinery room)
- Field piping in unventilated spaces



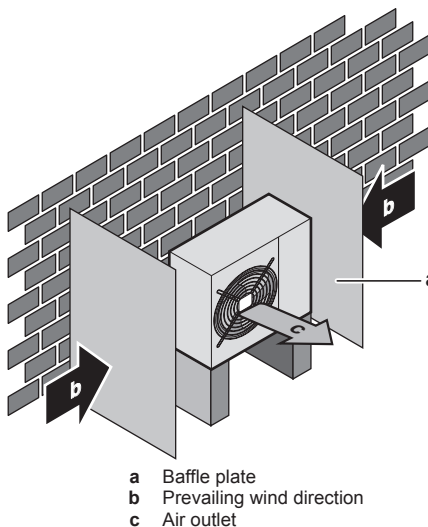
WARNING

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).



- a Air outlet
- b Air inlet

Allow 300 mm of work space below the ceiling surface and 250 mm for piping and electrical servicing.



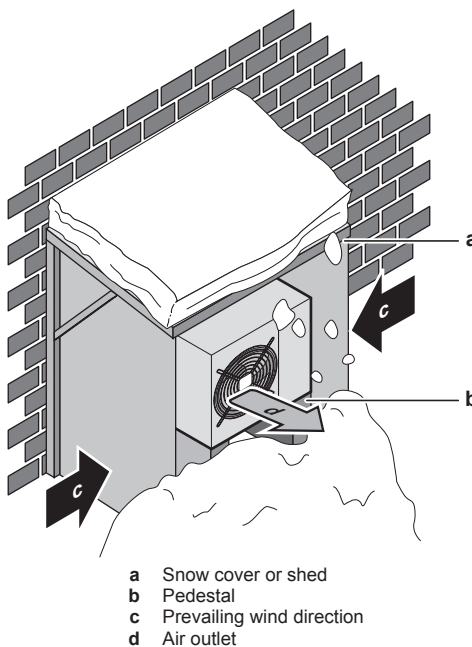
- a Baffle plate
- b Prevailing wind direction
- c Air outlet

The outdoor unit is designed for outdoor installation only, and for ambient temperatures within the following ranges:

Cooling mode	Heating mode
-10~46°C DB	-15~24°C DB

3.1.2 Additional installation site requirements of the outdoor unit in cold climates

Protect the outdoor unit against direct snowfall and take care that the outdoor unit is NEVER snowed up.

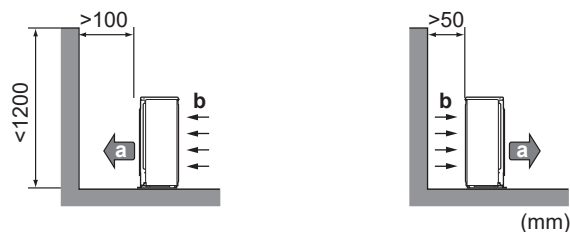


- a Snow cover or shed
- b Pedestal
- c Prevailing wind direction
- d Air outlet

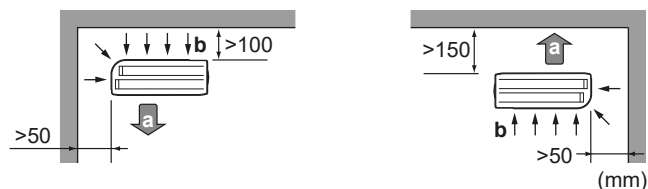
3.1.1 Installation site requirements of the outdoor unit

Mind the following spacing guidelines:

- Wall facing 1 side:



- Wall facing 2 sides:



- Wall facing 3 sides:

It is recommended to provide at least 150 mm of free space below the unit (300 mm for heavy snowfall areas). Additionally, make sure the unit is positioned at least 100 mm above the maximum expected level of snow. If necessary, construct a pedestal. See "4.1 Mounting the outdoor unit" [p 13] for more details.

In heavy snowfall areas it is very important to select an installation site where the snow will NOT affect the unit. If lateral snowfall is possible, make sure that the heat exchanger coil is NOT affected by the snow. If necessary, install a snow cover or shed and a pedestal.

3.1.3 Refrigerant piping length and height difference

The shorter the refrigerant piping, the better the performance of the system.

The piping length and height differences must comply with the following requirements.

Model	Minimum required space
Class 40	1.2 m ²
Class 50	1.8 m ²

Shortest allowable length per room is 3 m.

Refrigerant piping length to each indoor unit	≤20 m
Refrigerant piping total length	≤30 m

	Height difference outdoor-indoor	Height difference indoor-indoor
Outdoor unit installed higher than indoor unit	≤15 m	≤7.5 m
Outdoor unit installed lower than at least 1 indoor unit	≤7.5 m	≤15 m

4 Installation



WARNING

Installation shall be done by an installer, the choice of materials and installation shall comply with the applicable legislation. In Europe, EN378 is the applicable standard.

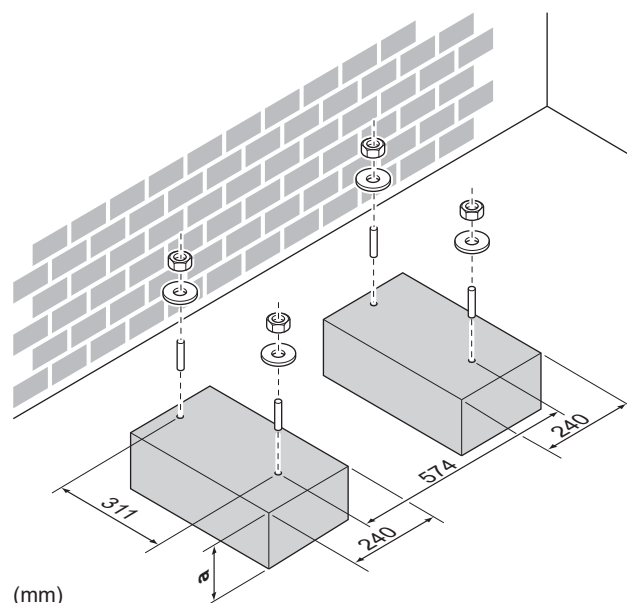
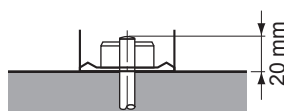
4.1 Mounting the outdoor unit

4.1.1 To provide the installation structure

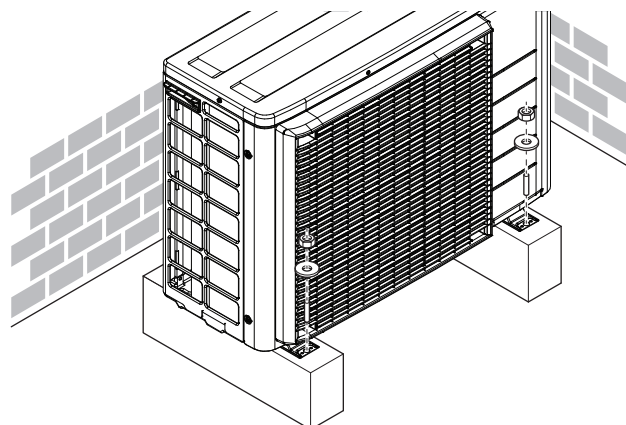
Use a vibration-proof rubber (field supply) in cases where vibrations may be transmitted to the building.

The unit may be installed directly on a concrete veranda or another solid surface as long as it provides proper drainage.

Prepare 4 sets of M8 or M10 anchor bolts, nuts and washers (field supply).



4.1.2 To install the outdoor unit



4.1.3 To provide drainage



NOTICE

If the unit is installed in a cold climate, take adequate measures so that the evacuated condensate CANNOT freeze.



NOTICE

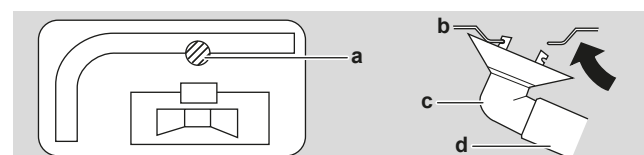
If the drain holes of the outdoor unit are blocked up by a mounting base or floor surface, place additional foot bases ≤30 mm under the outdoor unit's feet.



INFORMATION

For information on the available options, contact your dealer.

- 1 Use a drain plug for drainage.
- 2 Use a Ø16 mm hose (field supply).



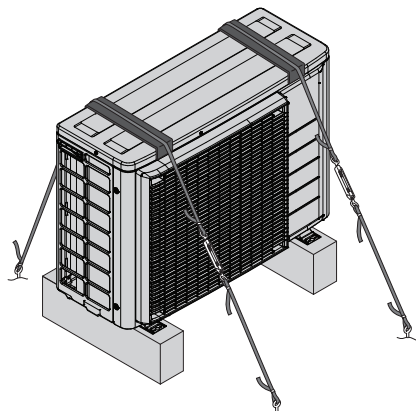
- a Drain port
- b Bottom frame
- c Drain plug
- d Hose (field supply)

4 Installation

4.1.4 To prevent the outdoor unit from falling over

In case the unit is installed in places where strong wind can tilt the unit, take following measure:

- 1 Prepare 2 cables as indicated in the following illustration (field supply).
- 2 Place the 2 cables over the outdoor unit.
- 3 Insert a rubber sheet between the cables and the outdoor unit to prevent the cables from scratching the paint (field supply).
- 4 Attach the ends of the cables and tighten them.



4.2 Connecting the refrigerant piping



DANGER: RISK OF BURNING



CAUTION

- No brazing or welding on site for units with R32 refrigerant charge during shipment.
- During installation of the refrigeration system, joining of parts with at least one part charged shall be performed taking into account the following requirements:
 - ⇒ inside occupied spaces non permanent joints are not allowed for R32 refrigerant except for site made joints directly connecting the indoor unit to piping. Site made joints directly connecting piping to indoor units shall be of non permanent type.



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.

4.2.1 Connections between outdoor and indoor unit using reducers

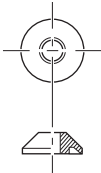
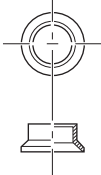
Total indoor unit capacity class that can be connected to this outdoor unit:

Outdoor unit	Total indoor unit capacity class
2MXM40, 2AMXM40, 2AMXF40, 2MXF40	≤6.0 kW
2MXM50, 2AMXM50, 2AMXF50, 2MXF50	≤8.5 kW

Port	Class	Reducer
2MXM40, 2AMXM40		
A	15, 20, 25, 35	—
B	15, 20, 25, 35	—

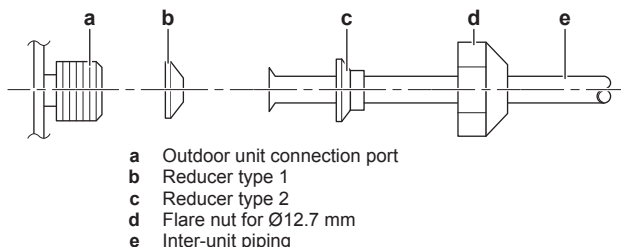
Port	Class	Reducer
2AMXF40		
A	25, 35	—
B	25, 35	—
2MXF40		
A	20, 25, 35	—
B	20, 25, 35	—
2MXM50, 2AMXM50		
A	15, 20, 25, 35, 42 ^(a)	—
B	15, 20, 25, 35	1+2
	42, 50	—
2AMXF50		
A	25, 35	—
B	25, 35	1+2
2MXF50		
A	20, 25, 35	—
B	20, 25, 35	1+2

^(a) Use optional accessory.

Reducer type	Connection
1	 Ø12.7 mm → Ø9.5 mm
2	 Ø12.7 mm → Ø9.5 mm

Connection example:

- Connecting a Ø9.5 mm pipe to a Ø12.7 mm gas pipe connection port



Coat the threaded connection port of the outdoor unit where the flare nut comes in with refrigeration oil.



NOTICE

Use an appropriate wrench to avoid damaging the connection thread by overtightening the flare nut. Be careful NOT to overtighten the nut, or the smaller pipe may be damaged (about 2/3-1× the normal torque).

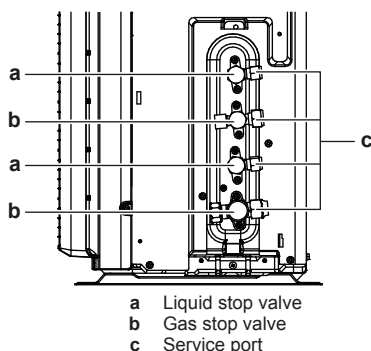
4.2.2 To connect the refrigerant piping to the outdoor unit

- **Piping length.** Keep field piping as short as possible.
- **Piping protection.** Protect the field piping against physical damage.

**WARNING**

Connect the refrigerant piping securely before running the compressor. If the refrigerant piping is NOT connected and the stop valve is open when the compressor is run, air will be sucked in. This will cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.

- 1 Connect the liquid refrigerant connection from the indoor unit to the liquid stop valve of the outdoor unit.



- 2 Connect the gas refrigerant connection from the indoor unit to the gas stop valve of the outdoor unit.

**NOTICE**

It is recommended that the refrigerant piping between indoor and outdoor unit is installed in a ducting or the refrigerant piping is wrapped with finishing tape.

4.3 Checking the refrigerant piping

4.3.1 To check for leaks

**NOTICE**

Do NOT exceed the unit's maximum working pressure (see "PS High" on the unit name plate).

**NOTICE**

Make sure to use a recommended bubble test solution from your wholesaler. Do not use soap water, which may cause cracking of flare nuts (soap water may contain salt, which absorbs moisture that will freeze when the piping gets cold), and/or lead to corrosion of flared joints (soap water may contain ammonia which causes a corrosive effect between the brass flare nut and the copper flare).

- 1 Charge the system with nitrogen gas up to a gauge pressure of at least 200 kPa (2 bar). It is recommended to pressurize to 3000 kPa (30 bar) in order to detect small leaks.
- 2 Check for leaks by applying the bubble test solution to all connections.
- 3 Discharge all nitrogen gas.

4.3.2 To perform vacuum drying

**NOTICE**

Connect the vacuum pump to **both** the service ports of the gas stop valves.

- 1 Vacuum the system until the pressure on the manifold indicates -0.1 MPa (-1 bar).
- 2 Leave as is for 4-5 minutes and check the pressure:

If the pressure...	Then...
Does not change	There is no moisture in the system. This procedure is finished.
Increases	There is moisture in the system. Go to the next step.

- 3 Vacuum the system for at least 2 hours to a manifold pressure of -0.1 MPa (-1 bar).
- 4 After turning the pump OFF, check the pressure for at least 1 hour.
- 5 If you do NOT reach the target vacuum or CANNOT maintain the vacuum for 1 hour, do the following:
 - Check for leaks again.
 - Perform vacuum drying again.

**NOTICE**

Be sure to open the gas stop valve after piping installation and vacuuming. Running the system with the valve closed, the compressor may break down.

4.4 Charging refrigerant

4.4.1 About the refrigerant

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

Refrigerant type: R32

Global warming potential (GWP) value: 675

**NOTICE**

Applicable legislation on **fluorinated greenhouse gases** requires that the refrigerant charge of the unit is indicated both in weight and CO₂ equivalent.

Formula to calculate the quantity in CO₂ equivalent tonnes: GWP value of the refrigerant × total refrigerant charge [in kg] / 1000

Please contact your installer for more information.

**WARNING: FLAMMABLE MATERIAL**

The refrigerant inside this unit is mildly flammable.

**WARNING**

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).

**WARNING**

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odourless.

4 Installation



WARNING

The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.

Turn off any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.

Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.

4.4.2 To determine the additional refrigerant amount

If the total liquid piping length is...	Then...
≤20 m	Do NOT add additional refrigerant.
>20 m	$R = (\text{total length (m) of liquid piping} - 20 \text{ m}) \times 0.020$ $R = \text{Additional charge (kg) (rounded in units of 0.1 kg)}$



INFORMATION

Piping length is the one-way length of liquid piping.

4.4.3 To determine the complete recharge amount



INFORMATION

If a complete recharge is necessary, the total refrigerant charge is: the factory refrigerant charge (see unit name plate) + the determined additional amount.

4.4.4 To charge additional refrigerant



WARNING

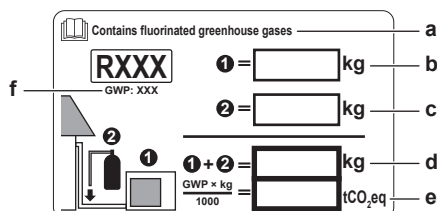
- Only use R32 as refrigerant. Other substances may cause explosions and accidents.
- R32 contains fluorinated greenhouse gases. Its global warming potential (GWP) value is 675. Do NOT vent these gases into the atmosphere.
- When charging refrigerant, ALWAYS use protective gloves and safety glasses.

Prerequisite: Before charging refrigerant, make sure the refrigerant piping is connected and checked (leak test and vacuum drying).

- Connect the refrigerant cylinder to the service port.
- Charge the additional refrigerant amount.
- Open the gas stop valve.

4.4.5 To fix the fluorinated greenhouse gases label

- Fill in the label as follows:



- If a multilingual fluorinated greenhouse gases label is delivered with the unit (see accessories), peel off the applicable language and stick it on top of a.
- Factory refrigerant charge: see unit name plate
- Additional refrigerant amount charged
- Total refrigerant charge
- Quantity of fluorinated greenhouse gases** of the total refrigerant charge expressed as tonnes CO₂ equivalent.
- GWP = Global warming potential



NOTICE

Applicable legislation on **fluorinated greenhouse gases** requires that the refrigerant charge of the unit is indicated both in weight and CO₂ equivalent.

Formula to calculate the quantity in CO₂ equivalent tonnes: GWP value of the refrigerant × total refrigerant charge [in kg] / 1000

Use the GWP value mentioned on the refrigerant charge label. That GWP is based on the current legislation on fluorinated greenhouse gases. The GWP mentioned in the manual might be outdated.

- Fix the label on the inside of the outdoor unit near the gas and liquid stop valves.

4.5 Connecting the electrical wiring



INFORMATION

Appliance shall be installed in accordance with national wiring regulations.



DANGER: RISK OF ELECTROCUTION



WARNING

ALWAYS use multicore cable for power supply cables.



WARNING

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.



WARNING

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.



WARNING

Do NOT connect the power supply to the indoor unit. This could result in electrical shock or fire.



WARNING

- Do NOT use locally purchased electrical parts inside the product.
- Do NOT branch the power supply for the drain pump, etc. from the terminal block. This could result in electrical shock or fire.



WARNING

Keep the interconnection wiring away from copper pipes without thermal insulation as such pipes will be very hot.

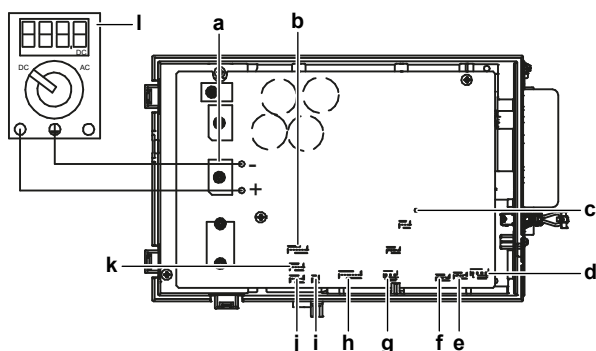


DANGER: RISK OF ELECTROCUTION

All electrical parts (including thermistors) are powered by the power supply. Do not touch them with bare hands.

**DANGER: RISK OF ELECTROCUTION**

Disconnect the power supply for more than 10 minutes, and measure the voltage at the terminals of main circuit capacitors or electrical components before servicing. The voltage **MUST** be less than 50 V DC before you can touch electrical components. For the location of the terminals, see the wiring diagram.



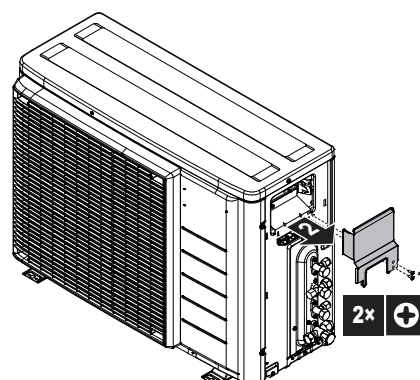
- a DB1 diode bridge
- b S90 thermistor lead wire
- c LED A
- d S40 thermal overload relay lead wire
- e S20 (white) room A electronic expansion valve coil
- f S21 (red) room B electronic expansion valve coil
- g S80 (white) 4-way valve lead wire connector
- h S70 fan motor lead wire
- i S99 heating lock
- j S91 (red) liquid thermistor lead wire
- k S92 (white) gas thermistor lead wire
- l Multimeter (DC voltage range)

4.5.1 Specifications of standard wiring components

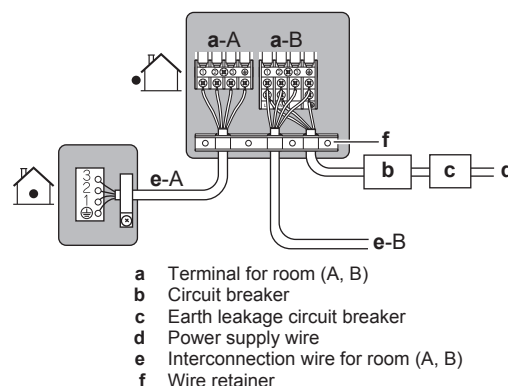
Component		
Power supply cable	Voltage	220~240 V
	Phase	1~
	Frequency	50 Hz
	Wire type	3-core cable 2.5 mm ² H05RN-F (60245 IEC 57) H07RN-F (60245 IEC 66)
Interconnection cable (indoor↔outdoor)	3-core cable 4.0 mm ² H07RN-F (60245 IEC 66)	
	4-core cable 1.5 mm ² or 2.5 mm ² and applicable for 220~240 V H05RN-F (60245 IEC 57)	
Recommended circuit breaker	16 A	
Earth leakage circuit breaker	MUST comply with applicable legislation	

4.5.2 To connect the electrical wiring on the outdoor unit

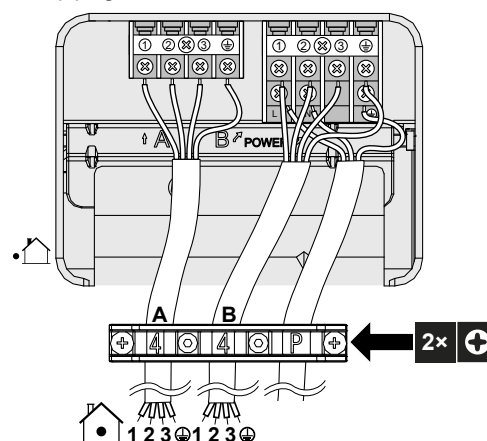
- 1 Remove the switch box cover (2 screws).



- 2 Connect the wires between the indoor and outdoor units so that the terminal numbers match. Make sure to match the symbols for piping and wiring.
- 3 Make sure to connect correct wiring to correct room (A to A, B to B).



- 4 Tighten the terminal screws securely using a Phillips screwdriver.
- 5 Check that the wires do not disconnect by pulling them lightly.
- 6 Firmly secure the wire retainer to avoid external stress on wire terminations.
- 7 Pass the wiring through the cutout on the bottom of the protection plate.
- 8 Make sure the electrical wiring does not contact with the gas piping.



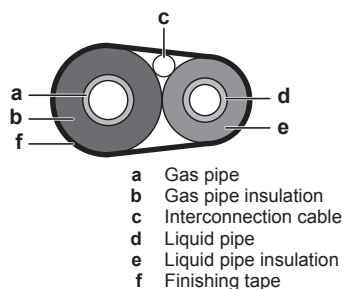
- 9 Reattach the switch box cover and the service cover.

4 Installation

4.6 Finishing the outdoor unit installation

4.6.1 To finish the outdoor unit installation

- 1 Insulate and fix the refrigerant piping and interconnection cable as follows:



- 2 Install the service cover.

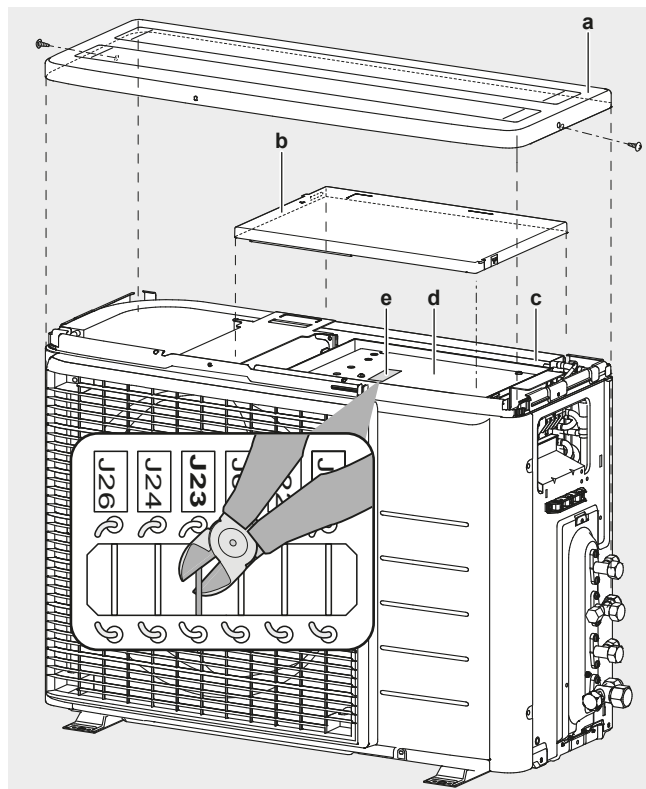
4.6.2 About ECONO mode prohibition setting

This setting disables the input control signal from the user interface. Use this setting when you wish to block reception of input controls (cooling/heating) from indoor unit user interfaces.

To turn on ECONO mode prohibition setting

Prerequisite: The main power supply MUST be turned off.

- 1 Remove the top plate of the outdoor unit (2 screws on sides)
- 2 Remove the electric box cover by sliding it. Be careful not to bend the electric box hook.
- 3 Cut the jumper (J23).



- 4 Reinstall the electric box cover and the top plate in reverse order and turn on the main power supply.

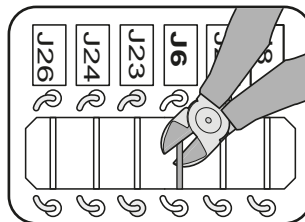
4.6.3 About night quiet mode

The night quiet mode function makes the outdoor unit run more quietly at nighttime. This will reduce the cooling capacity of the unit. Explain Night quiet mode to the customer and confirm if customer wants to use this mode.

To turn on the night quiet mode

Prerequisite: The main power supply MUST be turned off.

- 1 Remove the top plate and the electric box cover of the outdoor unit (see "To turn on ECONO mode prohibition setting" ▶ 18)
- 2 Cut the jumper J6.



- 3 Reinstall the top plate and the electric box cover.



CAUTION

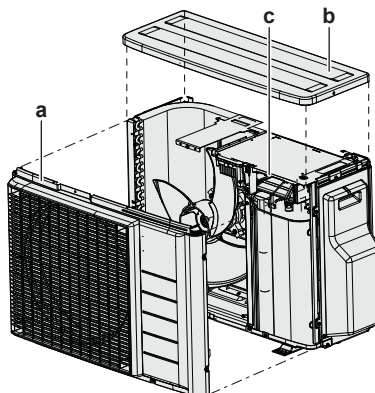
When reinstalling the electric box cover, be careful not to pinch the fan motor lead wire.

4.6.4 About heat mode lock

Heat mode lock limits the unit to heat operation.

To turn on heat mode lock

- 1 Remove the top plate (2 screws) and the front plate (8 screws).
- 2 To set heat mode lock remove the S99 connector.
- 3 To reset the heat pump mode (cooling/heating), plug the connector back.



- a Front plate
b Top plate
c S99 connector

Mode	S99 connector
Heat pump (cooling, heating)	Connected
Heating only	Disconnected

- 4 Reinstall the top plate and the front plate.



INFORMATION

Forced operation is also available in heating mode.

4.6.5 About standby electricity saving function

The standby electricity saving function:

- turns OFF the power supply to the outdoor unit and,

- turns ON the standby electricity saving mode on the indoor unit.

The standby electricity saving function works with following units:

FTXM, FTXP, FTXJ, FVXM, ATXF

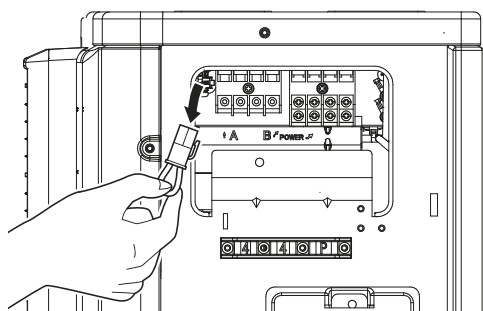
If another indoor unit is used, the connector for standby electric saving must be plugged in.

The standby electricity saving function is turned off before shipping.

To turn on standby electricity saving function

Prerequisite: The main power supply MUST be turned off.

- Remove the service cover.
- Disconnect the selective standby electricity saving connector.



- Turn on the main power supply.

5 Commissioning



NOTICE

General commissioning checklist. Next to the commissioning instructions in this chapter, a general commissioning checklist is also available on the Daikin Business Portal (authentication required).

The general commissioning checklist is complementary to the instructions in this chapter and can be used as a guideline and reporting template during the commissioning and hand-over to the user.



NOTICE

ALWAYS operate the unit with thermistors and/or pressure sensors/switches. If NOT, burning of the compressor might be the result.

5.1 Checklist before commissioning

After the installation of the unit, first check the items listed below. Once all checks are fulfilled, the unit must be closed. Power-up the unit after it is closed.

☐	The indoor unit is properly mounted.
☐	The outdoor unit is properly mounted.
☐	The system is properly earthed and the earth terminals are tightened.
☐	The power supply voltage matches the voltage on the identification label of the unit.
☐	There are NO loose connections or damaged electrical components in the switch box.
☐	There are NO damaged components or squeezed pipes on the inside of the indoor and outdoor units.
☐	There are NO refrigerant leaks .
☐	The refrigerant pipes (gas and liquid) are thermally insulated.

☐	The correct pipe size is installed and the pipes are properly insulated.
☐	The stop valves (gas and liquid) on the outdoor unit are fully open.
☐	Drainage Make sure drainage flows smoothly. Possible consequence: Condensate water might drip.
☐	The indoor unit receives the signals of the user interface .
☐	The specified wires are used for the interconnection cable .
☐	The fuses, circuit breakers , or locally installed protection devices are installed according to this document, and have NOT been bypassed.
☐	Check if marks (room A~E) on the wiring and piping match for each indoor unit.
☐	Check if the priority room setting is set for 2 or more rooms. Keep in mind that the DHW generator for Multi or the Hybrid for Multi shall not be selected as the priority room.

5.2 Checklist during commissioning

☐	To perform a wiring check .
☐	To perform an air purge .
☐	To perform a test run .

5.3 Trial operation and testing

☐	Before starting the test run, measure the voltage at the primary side of the safety breaker .
☐	The piping and wiring work match.
☐	The stop valves (gas and liquid) on the outdoor unit are fully open.

Initialization of the Multi system can take several minutes depending on the number of indoor units and options used.

5.3.1 About wiring error check

The wiring error check function will check and automatically correct any wiring errors. This is useful for checking wiring that CANNOT be checked directly, such as underground wiring.

This function CANNOT be used within 3 minutes after activating the safety breaker or when the outside air temperature is $\leq 5^{\circ}\text{C}$.

To perform a wiring error check

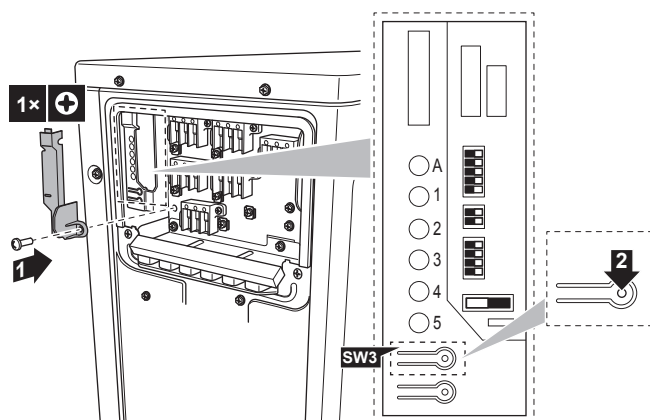


INFORMATION

- You only have to perform a wiring error check if you are not sure that the electrical wiring and piping is connected correctly.
- If you perform a wiring error check, the hybrid for multi indoor unit will not operate by heat pump for 72 hours. During this time, the gas boiler will take over the hybrid operation.

- Remove the service PCB switch cover.

6 Disposal



- 2 Press the wiring error check switch (SW3) on the outdoor unit service PCB.

Result: The service monitor LEDs indicate whether correction is possible or not. For details about how to read the LED display, refer to the service manual.

Result: Wiring errors will be corrected after 15-20 minutes. If automatic correction is not possible, check the indoor unit wiring and piping in the usual way.

INFORMATION

- The number of LEDs displayed depends on the number of rooms.
- The wiring error check function will NOT work if outside temperature is $\leq 5^{\circ}\text{C}$.
- After wiring error check operation is completed, LED indication will continue until normal operation starts.
- Follow the product diagnosis procedures. For details of product error diagnosis refer to service manual.

Status of LEDs:

- All LEDs flash: automatic correction is NOT possible.
- LEDs flash alternately: automatic correction is completed.
- One or more LEDs are permanently on: abnormal stop (follow the diagnosis procedure on the back of the right side plate and refer to service manual).

5.3.2 To perform a test run

Prerequisite: Power supply MUST be in the specified range.

Prerequisite: Test run operation may be done in cooling or heating mode.

Prerequisite: Test run should be done in accordance with the operation manual of the indoor unit to make sure that all functions and parts are working properly.

- 1 In cooling mode, select the lowest programmable temperature. In heating mode, select the highest programmable temperature.
- 2 Measure the temperature at the indoor unit inlet and outlet after running the unit for about 20 minutes. The difference should be more than 8°C (cooling) or 15°C (heating).
- 3 First check operation of each unit individually, then check simultaneous operation of all indoor units. Check both heating and cooling operation.
- 4 When test run is finished, set the temperature to a normal level. In cooling mode: $26\sim 28^{\circ}\text{C}$, in heating mode: $20\sim 24^{\circ}\text{C}$.

INFORMATION

- Test run can be disabled if necessary.
- After the unit is turned OFF, it cannot be started again for 3 minutes.
- During cooling operation, frost may form on the gas stop valve or other parts. This is normal.

INFORMATION

- Even if the unit is turned OFF, it consumes electricity.
- When the power turns back on after a power break, the previously selected mode will be resumed.

5.4 Starting up the outdoor unit

See the indoor unit installation manual for configuration and commissioning of the system.

6 Disposal

NOTICE

Do NOT try to dismantle the system yourself: dismantling of the system, treatment of the refrigerant, oil and other parts MUST comply with applicable legislation. Units MUST be treated at a specialised treatment facility for reuse, recycling and recovery.

6.1 To pump down

Example: To protect the environment, pump down when relocating the unit or when disposing of the unit.



DANGER: RISK OF EXPLOSION

Pump down – Refrigerant leakage. If you want to pump down the system, and there is a leak in the refrigerant circuit:

- Do NOT use the unit's automatic pump down function, with which you can collect all refrigerant from the system into the outdoor unit. **Possible consequence:** Self-combustion and explosion of the compressor because of air going into the operating compressor.
- Use a separate recovery system so that the unit's compressor does NOT have to operate.

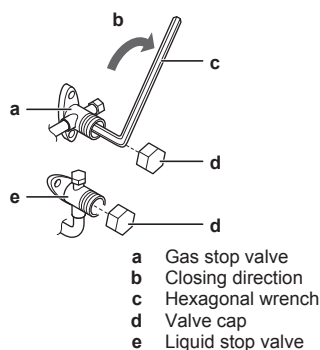


NOTICE

During pump down operation, 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 into the system. Compressor breakdown or damage to the system can result due to abnormal pressure in the refrigerant cycle.

Pump down operation will extract all refrigerant from the system into the outdoor unit.

- 1 Remove the valve cap from the liquid stop valve and the gas stop valve.
- 2 Carry out forced cooling. See ["6.2 To start and stop forced cooling"](#) [p 21].
- 3 After 5 to 10 minutes (after only 1 or 2 minutes in case of very low ambient temperatures ($< -10^{\circ}\text{C}$)), close the liquid stop valve with a hexagonal wrench.
- 4 Check on the manifold if the vacuum is reached.
- 5 After 2-3 minutes, close the gas stop valve and stop forced cooling.



6.2 To start and stop forced cooling

There are 2 methods to perform forced cooling.

- **Method 1.** Using the indoor unit ON/OFF switch (if present on the indoor unit).
- **Method 2.** Using the indoor unit user interface.

7 Technical data

- A **subset** of the latest technical data is available on the regional Daikin website (publicly accessible).
- The **full set** of latest technical data is available on the Daikin Business Portal (authentication required).

7.1 Wiring diagram

7.1.1 Unified wiring diagram legend

For applied parts and numbering, refer to the wiring diagram on the unit. Part numbering is by Arabic numbers in ascending order for each part and is represented in the overview below by "*" in the part code.

Symbol	Meaning	Symbol	Meaning
	Circuit breaker		Protective earth
	Connection		Protective earth (screw)
	Connector		Rectifier
	Earth		Relay connector
	Field wiring		Short-circuit connector
	Fuse		Terminal
	Indoor unit		Terminal strip
	Outdoor unit		Wire clamp

Symbol	Colour	Symbol	Colour
BLK	Black	ORG	Orange
BLU	Blue	PNK	Pink
BRN	Brown	PRP, PPL	Purple
GRN	Green	RED	Red
GRY	Grey	WHT	White
		YLW	Yellow

Symbol	Meaning
A*P	Printed circuit board
BS*	Pushbutton ON/OFF, operation switch

Symbol	Meaning
BZ, H*C	Buzzer
C*	Capacitor
AC*, CN*, E*, HA*, HE*, HL*, HN*, HR*, MR*_A, MR*_B, S*, U, V, W, X*A, K*R_*	Connection, connector
D*, V*D	Diode
DB*	Diode bridge
DS*	DIP switch
E*H	Heater
FU*, F*U, (for characteristics, refer to PCB inside your unit)	Fuse
FG*	Connector (frame ground)
H*	Harness
H*P, LED*, V*L	Pilot lamp, light emitting diode
HAP	Light emitting diode (service monitor green)
HIGH VOLTAGE	High voltage
IES	Intelligent eye sensor
IPM*	Intelligent power module
K*R, KCR, KFR, KHuR, K*M	Magnetic relay
L	Live
L*	Coil
L*R	Reactor
M*	Stepper motor
M*C	Compressor motor
M*F	Fan motor
M*P	Drain pump motor
M*S	Swing motor
MR*, MRCW*, MRM*, MRN*	Magnetic relay
N	Neutral
n=*, N=*	Number of passes through ferrite core
PAM	Pulse-amplitude modulation
PCB*	Printed circuit board
PM*	Power module
PS	Switching power supply
PTC*	PTC thermistor
Q*	Insulated gate bipolar transistor (IGBT)
Q*DI	Earth leak circuit breaker
Q*L	Overload protector
Q*M	Thermo switch
R*	Resistor
R*T	Thermistor
RC	Receiver
S*C	Limit switch
S*L	Float switch
S*NPH	Pressure sensor (high)
S*NPL	Pressure sensor (low)
S*PH, HPS*	Pressure switch (high)
S*PL	Pressure switch (low)
S*T	Thermostat
S*RH	Humidity sensor
S*W, SW*	Operation switch
SA*, F1S	Surge arrester
SR*, WLU	Signal receiver

7 Technical data

Symbol	Meaning
SS*	Selector switch
SHEET METAL	Terminal strip fixed plate
T*R	Transformer
TC, TRC	Transmitter
V*, R*V	Varistor
V*R	Diode bridge
WRC	Wireless remote controller
X*	Terminal
X*M	Terminal strip (block)
Y*E	Electronic expansion valve coil
Y*R, Y*S	Reversing solenoid valve coil
Z*C	Ferrite core
ZF, Z*F	Noise filter

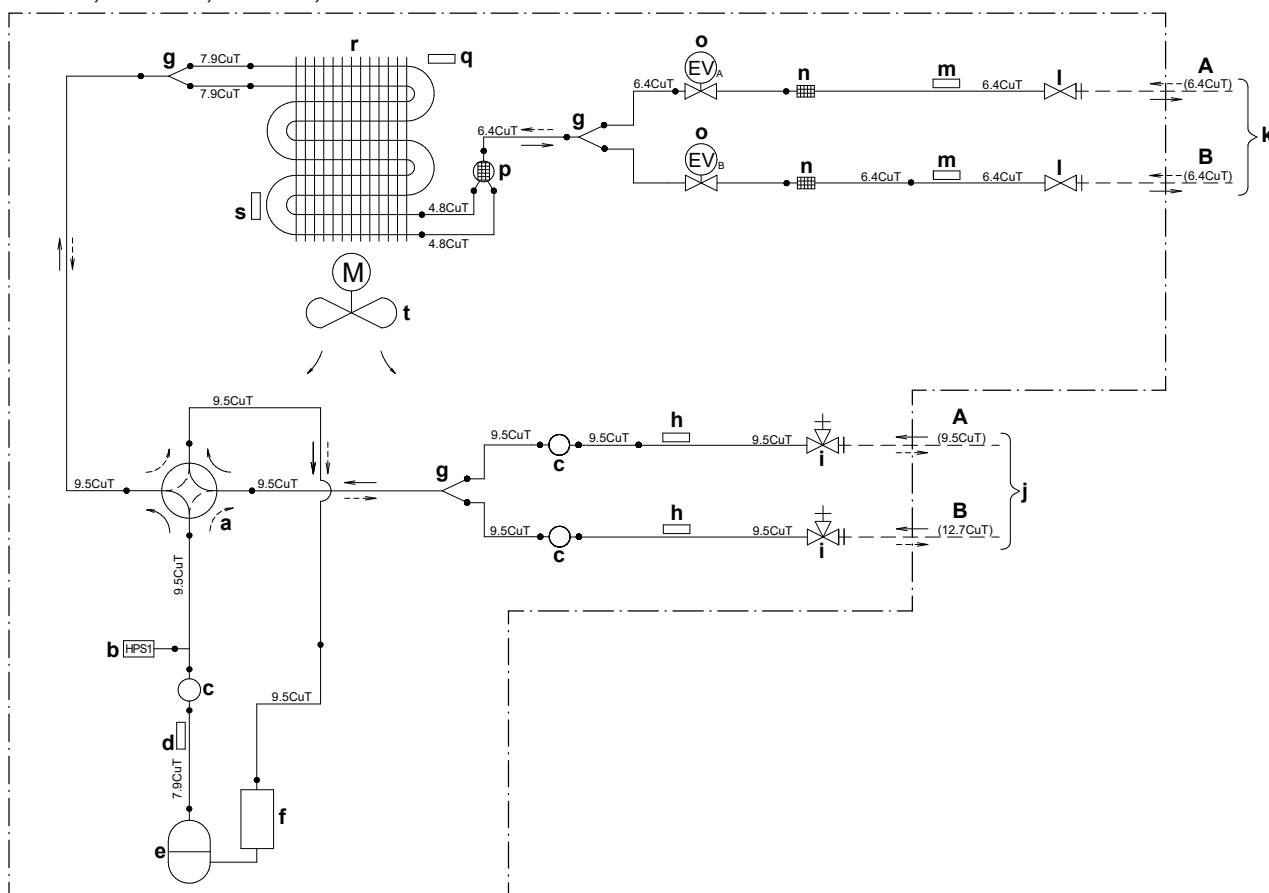
Symbol	Meaning
A*P	Printed circuit board
BS*	Pushbutton ON/OFF, operation switch
BZ, H*C	Buzzer
C*	Capacitor
AC*, CN*, E*, HA*, HE*, HL*, HN*, HR*, MR*_A, MR*_B, S*, U, V, W, X*A, K*R_*	Connection, connector

7.2 Piping diagram: Outdoor unit

Component PED category classification:

- High pressure switches: category IV
- Compressor: category II
- Other components: refer to PED article 4, paragraph 3

2MXM50, 2AMXM50, 2AMXF50, 2MXF50



- A** Room A
B Room B
a 4-way valve ON: heating
b High pressure switch with automatic reset
c Muffler
d Discharge pipe thermistor
e Compressor
f Accumulator
g Branch pipe
h Thermistor (gas)
i Gas stop valve
j Field piping (gas)
k Field piping (liquid)
l Liquid stop valve
m Thermistor (liquid)
n Filter
o Motor-operated valve
p Muffler
q Outdoor air temperature thermistor
r Heat exchanger
M Fan motor
 → Refrigerant flow: cooling

→ Refrigerant flow: heating





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3P600450-2 2019.10