Technical Data Sheet

Project:

Unit: CH

EWAT040CZPBA2

- > Air cooled chiller
- > Daikin DC-Inverter Scroll Compressor
- > High Efficiency
- > R-32 refrigerant

Digitally signed by Chicu Natalia
Date: 2025.06.20 07:33:16 EEST
Reason: MoldSign Signature
Location: Moldova
MOLDOVA EUROPEANĂ

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

EWAT040CZPBA2

Unit description

Daikin air cooled chiller with inverter driven hermetic scroll compressors and R32 refrigerant. Unit colour: Daikin White.

Compressor

Inverter driven hermetic orbiting scroll are combined on each unit. Inverter compressors continuously adjust compressor speed to actual demand. Fewer power-consuming starts and stops result in decreased energy consumption and more stable temperatures. Compressors are equipped with oil heaters that keeps the oil from being diluted by the refrigerant when the chiller is not running.

Evaporator

The unit is equipped with a direct expansion plate to plate type evaporator. This heat exchanger is made of stainless steel brazed plates and covered with nitrile rubber based elastomeric foam. Unit is equipped with the necessary devices for plant integration, such as: flow switch, treated water connections, air purge and drain valves, safety valve, shut off valve.

Condenser

Fins and tubes air cooled coil. Fins are designed with non-symmetric waffle louvres to enhance the heat exchange and improve the efficiency and compactness of the unit. The presence of hydrophylic and anti-corrosion treatment on the coil fins enhances the resistance to the aggressive environments.

Air Side Heat Exchanger fans

Air Side Heat Exchanger fans are propeller type with high efficiency design blades to maximize performances. The blades are made of glass-reinforced resin and a guard protects each fan. Units are standardly equipped with inverter driven fans

Refrigerant circuit

Each refrigerant circuit includes: Compressors, Refrigerant, Air Cooled Condenser, Electronic expansion valve, Oil separator, High pressure switch, refrigerant stop valves (liquid and gas).

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

Unit Overview

Model Number	Boost	Pump	Power supply
EWAT040CZPBA2	No	Low lift pump	400 V/ 50 Hz / 3~

Performances calculated according to EN14511-3

Cooling mode performances

Cooling capacity	**41.69 kW**	IPLV.IP	**6.370 kW / kW**
Power input	**13.15 kW**	SEER	**5.760 kW / kW**
Cooling Efficiency EER	**3.170 kW / kW**	η s,c	**227.4 %**
Lw / Lp @ 1m	**80.0 dB(A) / 62.8 dB(A)**	SEPR	**7.960 kW / kW**
Ambient temperature	**35.0 °C**		
	Evaporator		
Fluid IN/OUT	**12.00 °C / 7.00 °C**	Fluid Flow	**1.970 l/s**
Pressure Drops	**10.1 kPa**		
Fluid	**Water**	Fouling Factor	**0°C m²/W**

SEER declared according to EN14825, fan coil application 12/7°C (inlet/outlet) water temperatures. SEPR declared according to EN14825, high temperature process cooling application. Sound power level according to ISO 9614-1. IPLV.IP and seasonal efficiency data generally refer to standard unit without option.

Unit information

Capacity control	**InverterControlled**	Refrigerant type	**R32**
Compressor type	**Scroll**	Refrigerant charge	**10.2 kg**
Circuit N°	**2**	Condenser type	**CuAl**
Compressor N°	**2**	Evaporator type	**BrazedPlate**
Condenser fans control	**Variable Frequency Drive**	Condenser fans N°	**2**
Nominal air flow	**5440 l/s**	Altitude	**0 m**

Refrigerant charge data is intended as guideline only, refer to unit nameplate for specific value.

Electrical information

Power supply	**400 V/ 50 Hz / 3~**	Compressor starting method	**Variable Frequency Drive**
Running current	**26.6 A**	Max. current wires sizing	**49.3 A**
Max. Running current	**44.8 A**	Max. inrush current	**0.00 A**

Voltage tolerance ± 10%. Phase Voltage unbalance ± 3%. Electrical data are referred to base unit without additional options, refer to unit nameplate for specific value.

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

Physical information

Connections size	**50.8 mm**	Length	**814 mm**
		Width	**2306 mm**
Weight shipping/operating	**531 kg / 537 kg**	Height	**1878 mm**

Information referred to standard unit configuration without options, refer to certified unit drawing.

Acoustic information

Sound pressure level at 1 m from the unit (rif. 2 x 10-5 Pa)								
63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	**db(A)**
74.3	68.5	61.8	58.5	56.9	54.6	52.1	45.9	62.8

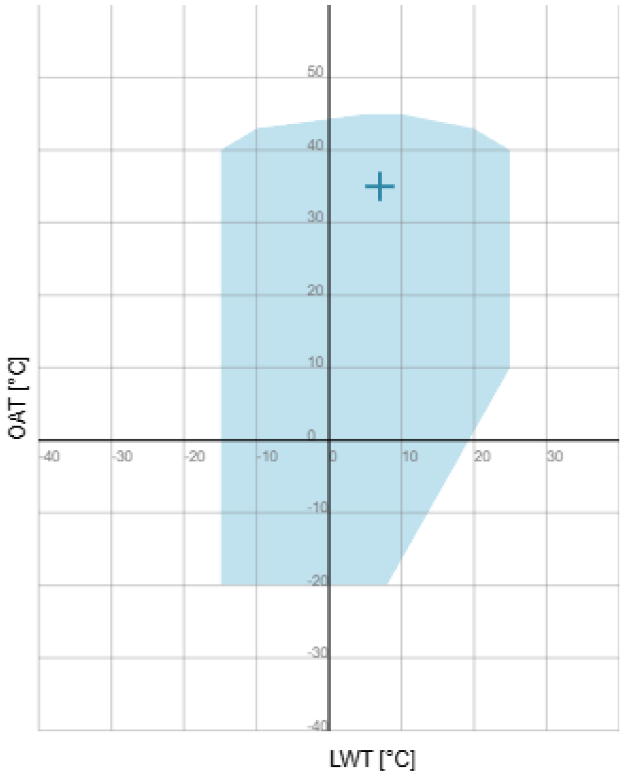
Values referred to Evap. IN/OUT 12/7°C and Cond. IN/OUT 30/35°C, full load operation, standard unit configuration without options. Sound pressure level calculated from sound power level. Sound pressure in octave band is for information only and not considered binding.

Options

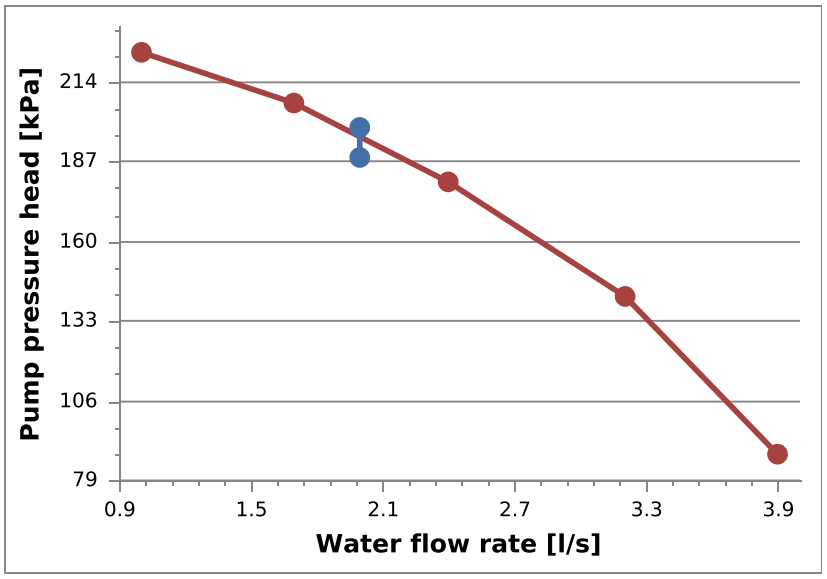
191	ANTIFREEZE PROTECTION ELECTRIC HEATER

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

Envelope



Pump curve



Water flow rate [l/s]	**1.970**
Evaporator pressure drop [kPa] *	**10.1**
Pump pressure head [kPa]	**199**
Pump motor power input [kW]	**1.10**
Pump motor current [A]	**2.40**
Power supply [V/Ph/Hz]	**400/3/50**
PN	**10**
Motor protection	**IP55**
Insulation class	**155 (F)**
Available static pressure [kPa] *	**189**

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

* @ working conditions

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

Certification notes

Certified in accordance with Eurovent Certification Program: Liquid Chilling Packages and Heat Pumps (LCP-HP). Standard ratings are specified in the section "Rating requirements" of the Rating Standards. All standard ratings are verified by tests conducted in accordance with the following standards: EN 14511-3 (performance testing) and ISO 9614 (acoustic testing).

Within the scope of AHRI Air-Cooled Water-Chilling Packages Certification Program. AHRI Certified performance may be obtained from the manufacturer's representative.

General notes

For more information about the above selected product, please go to http://www.daikineurope.com/industrial/. Unit performances are reproducible in laboratory test environment only in accordance to recognized industry standards. This technical data sheet is generated by Daikin Applied Tool software designed and distributed by Daikin Applied Europe S.p.A. The present software does not constitute an offer binding upon Daikin Applied Europe S.p.A who compiled the content of this software to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Product images are indicative only and are intended for illustrative purposes only; pictures may be differed from the ordered product and are subject to change without prior notice. Daikin Applied Europe S.p.A. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this document. All content is copyrighted by Daikin Applied Europe S.p.A.

Specifications are subject to change without any prior notice. The certified standard performances and the certified software tool version can be verified in https://www.eurovent-certification.com

(EN) CE - DECLARATION-OF-CONFORMITY	**(IT) CE - DICHIARAZIONE-DI-CONFORMITA**	**(SV) CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELSE**	**(HU) CE - MEGFELELŐSÉGI-NYILATKOZAT**	**(BG) CE - ДЕКЛАРАЦИЯ-ЗА-СЪОТВЕТСТВИЕ**
(DE) CE - KONFORMITÄTSERKLÄRUNG	**(EL) CE - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ**	**(NO) CE - ERKLÆRING OM-SAMSVAR**	**(PL) CE - DEKLARACJA-ZGODNOŚCI**	**(LT) CE - ATITIKTIES-DEKLARACIJA**
(FR) CE - DECLARATION-DE-CONFORMITE	**(PT) CE - DECLARAÇÃO-DE-CONFORMIDADE**	**(FI) CE - ILMOITUS-YHDENMUKAISUUDESTA**	**(RO) CE - DECLARAŢIE-DE-CONFORMITATE**	**(LV) CE - ATBILSTĪBAS-DEKLARĀCIJA**
(NL) CE - CONFORMITEITSVERKLARING	**(RU) CE - ЗАЯВЛЕНИЕ-О-СООТВЕТСТВИИ**	**(CS) CE - PROHLÁŠENÍ-O-SHODĚ**	**(SL) CE - IZJAVA O SKLADNOSTI**	**(SK) CE - VYHLÁSENIE-ZHODY**
(ES) CE - DECLARACION-DE-CONFORMIDAD	**(DA) CE - OVERENSSTEMMELSESERKLÆRING**	**(HR) CE - IZJAVA-O-USKLAĐENOSTI**	**(ET) CE - VASTAVUSDEKLARATSIOON**	**(TR) CE - UYGUNLUK-BEYANI**

Daikin Applied Europe S.p.A

(EN) declares under its sole responsibility that the products to which this declaration relates:
(DE) erklärt auf seine alleinige Verantwortung, dass die Produkte, auf die sich diese Erklärung bezieht:
(FR) déclare sous sa seule responsabilité que les produits visés par la présente déclaration:
(NL) verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de producten waarop deze verklaring betrekking heeft:
(ES) declara bajo su única responsabilidad que los productos a los que hace referencia la declaración:
(IT) dichiara sotto la propria responsabilità che i prodotti cui questa dichiarazione si riferisce:
(EL) δηλώνει με αποκλειστική της ευθύνη ότι τα προϊόντα στα οποία αναφέρεται η παρούσα δήλωση:
(PT) declara sob sua exclusiva responsabilidade que os produtos a que esta declaração se refere:

(RU) заявляет, исключительно под свою ответственность, что изделия, к которым относится настоящее заявление:
(DA) erklærer som eneansvarlig, at udstyret, som er omfattet af denne erklæring:
(SV) deklarerar i egenskap av huvudansvarig att de produkter som berörs av denna deklaration gäller:
(NO) erklærer et fullstendig ansvar for at produktene som berøres av denne deklarasjonen, innebærer at:
(FI) ilmoittaa yksinomaan omalla vastuullaan, että tämän ilmoituksen tarkoittamat tuotteet:
(CS) prohlašuje na svou výhradní odpovědnost, že produkty, kterých se prohlášení týká:
(HR) izjavljuje pod isključivo vlastitom odgovornošću da su proizvodi na koje se ova izjava odnosi:
(HU) teljes felelőssége tudatában kijelenti, hogy a termékek, melyekre e nyilatkozat vonatkozik:

(PL) deklaruje na własną wyłączną odpowiedzialność, że urządzenia, których ta deklaracja dotyczy:
(RO) declară pe proprie răspundere că produsele la care se referă această declaraţie:
(SL) z vso odgovornostjo izjavlja, da so naprave, na katere se izjava nanaša:
(ET) kinnitab oma täielikul vastutusel, et käesoleva deklaratsiooni alla kuuluvad tooted:
(BG) декларира на своя отговорност, че продуктите, за които се отнася тази декларация:
(LT) išskirtine savo atsakomybe šiuo deklaruoja, kad produktai, su kuriais ši deklaracija susijusi:
(LV) ar pilnu atbildību apliecina, ka turpmāk minētie izstrādājumi, uz kuriem attiecas šī deklarācija:
(SK) vyhlasuje na vlastnú zodpovednosť, že výrobky, na ktoré sa vzťahuje toto vyhlásenie:
(TR) tamamen kendi sorumluluğu altında bu bildirinin ilgili olduğu ürünleri beyan eder:

EWYT016CZ***, EWYT021CZ***, EWYT025CZ***, EWYT032CZ***, EWYT040CZ***, EWYT050CZ***, EWYT064CZ***, EWYT090CZ***
EWAT016CZ****, EWAT021CZ****, EWAT025CZ****, EWAT032CZ****, EWAT040CZ****, EWAT050CZ****, EWAT064CZ****, EWAT090CZ****

***** = N/P/H … – B/C … 1/2**
****** = N/P/H … – A/B/C …1/2**

(EN) Manufacturing number and manufacturing year: refer to model nameplate
(DE) Herstellungsnummer und Herstellungsjahr: siehe Typenschild des Modells
(FR) Numéro de fabrication et année de fabrication: se reporter à la plaquette signalétique du modèle
(NL) Fabricagenummer en fabricagejaar: zie naamplaat model
(ES) Número de fabricación y año de fabricación: consulte la placa de especificaciones técnicas del modelo
(IT) Numero di serie e anno di produzione: fare riferimento alla targhetta del modello
(EL) Αριθμός κατασκευής και έτος κατασκευής: ανατρέξτε στην πινακίδα αναγνώρισης του μοντέλου
(PT) Número e ano de fabrico: consultar a placa de especificações da unidade
(RU) Заводской номер и год изготовления: смотрите паспортную табличку модели

(DA) Produktionsnummer og fremstillingsår: se modellens fabriksskilt
(SV) Tillverkningsnummer och tillverkningsår: se modellens namnplåt
(NO) Produksjonsnummer og produksjonsår: se modellens merkeplate
(FI) Valmistusnumero ja valmistusvuosi: katso mallin nimikilpi
(CS) Výrobní číslo a rok výroby: viz typový štítek modelu
(HR) Proizvodni broj i godina proizvodnje: pogledajte natpisnu pločicu modela
(HU) Gyártási szám és gyártási év: lásd a berendezés adattábláján
(PL) Numer fabryczny oraz rok produkcji: patrz tabliczka znamionowa modelu

(RO) Numărul de fabricaţie şi anul de fabricaţie: consultaţi placa de identificare a modelului
(SL) Tovarniška številka in leto proizvodnje: glejte napisno ploščico
(ET) Tootmisnumber ja tootmisaasta: vaadake mudeli andmeplaati
(BG) Фабричен номер и година на производство: вижте табелката на модела
(LT) Gaminio numeris ir pagaminimo metai: žiūrėkite modelio pavadinimo plokštelę
(LV) Izgatavošanas numurs un izgatavošanas gads: skat. modeļa izgatavotājuzņēmuma plāksnītie
(SK) Výrobné číslo a rok výroby: nájdete na výrobnom štítku modelu
(TR) İmalat numarası ve imalat yılı: modelin ünite plakasına bakın

(EN) are in conformity with the following standard(s) or other normative document(s):
(DE) dem/n folgenden Standard(s) oder anderen normativen Anforderungen entsprechen:
(FR) sont en conformité avec la ou les norme(s) standard ou d'autre(s) document(s) normatif(s):
(NL) conform de volgende norm(en) of ander(e) normatief(ve) document(en) zijn:
(ES) están en conformidad con la(s) siguiente(s) norma(s) u otro(s) documento(s) normativo(s):
(IT) sono conformi con le norme o i documenti normativi riportati di seguito:
(EL) είναι σύμφωνα με το(α) ακόλουθο(α) πρότυπο(α) ή άλλο(α) έγγραφο(α) κανονισμών,:
(PT) estão conformes às seguintes normas ou outros documentos normativos:
(RU) соответствуют следующим стандартам или другим нормативным документам:
(DA) overholder følgende standard(er) eller andet/andre retningsgivende dokument(er):
(SV) uppfyller följande standard(er) eller andra normerande dokument:
(NO) er i overensstemmelse med følgende standard(er) eller andre normgivende dokument(er):
(FI) noudattavat seuraavien standardien tai muiden normatiivisten asiakirjojen vaatimuksia:
(CS) jsou v souladu s následujícími normami nebo jinými normativními dokumenty:
(HR) u skladu sa slijedećim standardom(ima) ili drugim normativnim dokumentom(ima):
(HU) megfelelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak:
(PL) spełniają wymogi następujących norm i innych dokumentów normalizacyjnych:
(RO) sunt în conformitate cu următoarele standarde sau alte documente normative:
(SL) v skladu z naslednjimi standardi ali drugimi predpisi:
(ET) vastavad järgmis(t)ele standardi(te)le või muu(de)le normatiivse(te)le dokumendile/dokumentidele:
(BG) съответстват на следните стандарти или други нормативни документи:
(LT) atitinka šį standartą (-us) ir kitą normatyvinį dokumentą (-us):
(LV) atbilst šādiem standartiem vai citiem normatīviem dokumentiem:
(SK) sú v zhode s nasledovnou(ými) normou(ami) alebo iným(i) normatívnym(i) dokumentom(mi):
(TR) aşağıdaki standartlar veya diğer normatif dokümanlarla uyumludur:

- **EN 60335-2-40**
- **EN 378-1; EN 378-2; EN378-4**

(EN) and comply with the following directive(s) and commission regulation(s), as amended:
(DE) und der/den folgenden Richtlinie(n) und Kommissions-Verordnung(en) entsprechen, in novellierter Fassung:
(FR) et satisfont à la ou aux directive(s) suivante(s) et à la ou aux réglementation(s) de la commission, telles qu'amendées:
(NL) en in overeenstemming zijn met de volgende richtlijn(en) en verordening(en) van de commissie, zoals gewijzigd:
(ES) y están en conformidad con la(s) siguiente(s) directiva(s) y reglamento(s) de la comisión, según lo enmendado:
(IT) e con le seguenti direttive e regolamenti della commissione e relative modifiche:
(EL) και είναι σύμφωνα με την/τις ακόλουθη(ες) οδηγία(ες) και κανονισμό(ούς) της επιτροπής, όπως τροποποιήθηκε(αν):
(FI) ja noudattavat seuraavia direktiivejä ja komission määräyksiä sellaisina kuin ne ovat muutettuina:
(CS) a splňují následující směrnice a předpisy komise v nejnovějším platném znění:
(HR) i u skladu sa slijedećom(im) Direktivom(ama) i propisom(ima) komisije, s nadopunama:
(HU) és összhangban állnak az alábbi kiegészített irányelvvel(/elvekkel) és a bizottsági rendeletével (/rendeleteivel):
(PL) oraz spełnia wymogi następujących dyrektyw i rozporządzeń, z następującymi poprawkami:
(RO) şi se conformează cu următoarele directive şi reglementări ale comisiei, cu modificări:
(SL) ter da ustrezajo naslednjim direktivam in uredbam komisije, s popravki:
(ET) ning vastavad järgmis(t)ele direktiivi(de)le ja komisjoni määrus(t)ele vastavalt nende parandustele:
(BG) и отговарят на следните директиви и регламенти на комисията, съгласно измененията:
(LT) ir atitinka šią direktyvą (-as) ir komisijos reglamentą (-us), su jų pakeitimais ir papildymais:
(LV) kā arī zemāk minētajām direktīvām un komisijas regulām un to grozījumiem:
(SK) a v zhode s nasledovnou(ými) smernicou(ami) a predpisom(mi) komisie doplnené:
(TR) ve tadil edilmiş şekliyle aşağıdaki direktiflere ve komisyon yönetmeliklerine uygundur:

- **DIRECTIVE 2014/30/EU (EMC)***
- **DIRECTIVE 2006/42/EC (MD)***
- **DIRECTIVE 2014/68/EU (PED)****
- **DIRECTIVE 2009/125/EC (ECODESIGN)**

(EN) CE - DECLARATION-OF-CONFORMITY	(IT) CE - DICHIARAZIONE-DI-CONFORMITA	(SV) CE - FÖRSÄKRAN-OM-ÖVERENSTÄMMELSE	(HU) CE - MEGFELELŐSÉGI-NYILATKOZAT	(BG) CE - ДЕКЛАРАЦИЯ-ЗА-СЪОТВЕТСТВИЕ
(DE) CE - KONFORMITÄTSERKLÄRUNG	(EL) CE - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ	(NO) CE - ERKLÆRING OM-SAMSVAR	(PL) CE - DEKLARACJA-ZGODNOŚCI	(LT) CE - ATITIKTIES-DEKLARACIJA
(FR) CE - DECLARATION-DE-CONFORMITE	(PT) CE - DECLARAÇÃO-DE-CONFORMIDADE	(FI) CE - ILMOITUS-YHDENMUKAISUUDESTA	(RO) CE - DECLARAŢIE-DE-CONFORMITATE	(LV) CE - ATBILSTĪBAS-DEKLARĀCIJA
(NL) CE - CONFORMITEITSVERKLARING	(RU) CE - ЗАЯВЛЕНИЕ-О-СООТВЕТСТВИИ	(CS) CE - PROHLÁŠENÍ-O-SHODĚ	(SL) CE - IZJAVA O SKLADNOSTI	(SK) CE - VYHLÁSENIE-ZHODY
(ES) CE - DECLARACION-DE-CONFORMIDAD	(DA) CE - OVERENSSTEMMELSESERKLÆRING	(HR) CE - IZJAVA-O-USKLAĐENOSTI	(ET) CE - VASTAVUSDEKLARATSIOON	(TR) CE - UYGUNLUK-BEYANI

MODEL	PED Cat.
EWYT016CZP-A1	II
EWYT021CZP-A1	II
EWYT025CZP-A1	II
EWYT032CZP-A1	III
EWYT040CZP-A1	III
EWYT040CZP-A2	II
EWYT050CZP-A2	II
EWYT064CZP-A2	III
EWYT090CZP-A2	III
EWAT016CZP-A1	II
EWAT021CZP-A1	II
EWAT025CZP-A1	II
EWAT032CZP-A1	III
EWAT040CZP-A1	III
EWAT040CZP-A2	II
EWAT050CZP-A2	II
EWAT064CZP-A2	III
EWAT090CZP-A2	III

<A>	TCF079
<B>	5079-PED
<C>	0948 TUV Italia
<D>	Module B + D
<E>	TIS-PED-MI-21-06-271528-17841
<F>	Cat. II~III

(EN) *as set out in **<A>** ; ** as set out in the Technical Construction File **<B>** and judged positively by **<C>** (Applied module **<D>**) according to the Certificate **<E>.** Risk category **<F>.**

(DE) * wie in **<A>** ; ** wie in der Technischen Konstruktionsakte **<B>** aufgeführt und von **<C>** (Angewandtes Modul **<D>**) positiv ausgezeichnet positiv ausgezeichnet gemäß Zertifikat **<E>**. Risikoart **<F>**.

(FR) * tel que défini dans **<A>** ; ** tel que stipulé dans le Fichier de Construction Technique **<B>** et jugé positivement par **<C>** (Module appliqué **<D>**) conformément au Certificat **<E>**. Catégorie de risque **<F>**.

(NL) * zoals vermeld in **<A>** ; ** zoals vermeld in het Technisch Constructiedossier **<B>** en in orde bevonden door **<C>** (Toegepaste module **<D>**) overeenkomstig Certificaat **<E>.** Risicocategorie **<F>**.

(ES) * como se establece en **<A>** ; ** tal como se expone en el Archivo de Construcción Técnica **<B>** y juzgado positivamento por **<C>** (Modulo aplicado **<D>**) según el Certificado **<E>.** Categoría de riesgo **<F>.**

(IT) * delineato nel **<A>** ; ** delineato nel File Tecnico di Costruzione **<B>** e giudicato positivamente da **<C>** (Modulo **<D>** applicato) secondo il Certificato **<E>.** Categoria di rischio **<F>.**

(EL)* όπως καθορίζεται στο **<A>** ; όπως προσδιορίζεται στο Αρχείο Τεχνικής Κατασκευής **<B>** και κρίνεται θετικά από το **<C>** (Χρησιμοποιούμενη υπομονάδα **<D>**) σύμφωνα με το Πιστοποιητικό **<E>.** Κατηγορία επικινδυνότητας **<F>.**

(PT) * tal como estabelecido em **<A>** ; ** tal como estabelecido no Ficheiro Técnico de Construção **<B>** e com o parecer positivo de **<C>** (Módulo aplicado **<D>**) de acordo com o Certificado **<E>.** Categoria de risco **<F>.**

(RU) * как указано в **<A>** ; как указано в Досье технического топкования **<B>** и в соответствии с положительным решением **<C>** (Прикладной модуль **<D>**) согласно Свидетельству **<E>.** Категория риска **<F>.**

(DA) * som anført i **<A>** ; som anført i den Tekniske Konstruktionsfil **<B>** og positivt vurderet af **<C>** (Anvendt modul **<D>**) i henhold til Certifikat **<E>**. Risikoklasse **<F>.**

(SV) * enligt **<A>** ; ** i enlighet med den Tekniska Konstruktionsfilen **<B>** som positivt intygats av **<C>** (Fastsatt modul **<D>**) vilket också framgår av Certifikat **<E>**. Riskkategori **<F>.**

(NO) * som det fremkommer i **<A>** ; ** som det fremkommer i den Tekniske Konstruksjonsfilen **<B>** og gjennom positiv bedømmelse av **<C>** (Anvendt modul **<D>**) ifølge Sertifikat **<E>**. Risikokategori **<F>.**

(FI) * jotka on esitetty asiakirjassa **<A>** ; ** mukaisesti. jotka on esitetty Teknisessä Asiakirjassa **<B>** ja jotka **<C>** on hyväksynyt (Sovellettu moduli **<D>**) Sertifikaatin **<E>** mukaisesti. Vaaraluokka **<F>.**

(CS) * jak bylo uvedeno v **<A>** ; ** jak bylo uvedeno v souboru technické konstrukce **<B>** a pozitivně zjištěno **<C>** (použitý modul **<D>**) v souladu s osvědčením **<E>**. Kategorie rizik **<F>.**

(HR) * kako je izloženo u **<A>** ; ** kako je izloženo u Datoteci o tehničkoj konstrukciji **<B>** i pozitivno ocijenjeno od strane **<C>** (Primijenjen modul **<D>**) prema Certifikatu **<E>**. Kategorija opasnosti **<F>.**

(HU) * a(z) **<A>** alapján ; ** a(z) **<B>** műszaki konstrukciós dokumentáció alapján, a(z) **<C>** igazolta a megfelelést (alkalmazott modul: **<D>**), a(z) **<E>** tanúsítvány szerint. Veszélyességi kategória **<F>.**

(PL) * zgodnie z dokumentacją **<A>** ; ** zgodnie z archiwalną dokumentacją konstrukcyjną **<B>** i pozytywną opinią **<C>** (Zastosowany moduł **<D>**) zgodnie ze Świadectwem **<E>**. Kategoria zagrożenia **<F>**.

(RO) * aşa cum este stabilit în **<A>** ; ** conform celor stabilite în Dosarul tehnic de construcţie **<B>** şi apreciate pozitiv de **<C>** (Modul aplicat **<D>**) în conformitate cu Certificatul **<E>**. Categorie de risc **<F>.**

(SL) * kot je določeno v **<A>** ; ** kot je določeno v tehnični mapi **<B>** in odobreno s strani **<C>** (Uporabljen modul **<D>**) v skladu s certifikatom **<E>**. Kategorija tveganja **<F>.**

(ET) * nagu on näidatud dokumendis **<A>** ; ** nagu on näidatud tehnilises dokumentatsioonis **<B>** ja heaks kiidetud **<C>** järgi (lisamoodul **<D>**) vastavalt sertifikaadile **<E>.** Riskikategooria **<F>.**

(BG) * както е изложено в **<A>** ; ** както е заложено в Акта за техническа конструкция **<B>** и оценено положително от **<C>** (Приложен модул **<D>**) съгласно Сертификат **<E>**. Категория риск **<F>**.

(LT) * kaip nustatyta **<A>** ; ** kaip nurodyta Techninėje konstrukcijos byloje **<B>** ir patvirtinta **<C>** (taikomas modulis **<D>**) pagal pažymėjimą **<E>.** Rizikos kategorija **<F>**.

(LV) * kā norādīts **<A>** ; **kā noteikts tehniskajā dokumentācijā **<B>**, atbilstoši **<C>** pozitīvajam lēmumam (piekritīgā sadaļa: **<D>**), ko apliecina sertifikāts **<E>**. Riska kategorija **<F>**.

(SK) * ako bolo uvedené v **<A>** ; ** ako je to stanovené v Súbore technickej konštrukcie **<B>** a kladne posúdené **<C>** (Aplikovaný modul **<D>**) podľa Certifikátu **<E>.** Kategória nebezpečia **<F>.**

(TR) * **<A>**'da belirtildiği ; ** **<B>** Teknik Yapı Dosyasında belirtildiği gibi ve **<C>** Sertifikasına göre **<D>** tarafından olumlu olarak (Uygulanan modül **<E>**) değerlendirilmiştir. Risk kategorisi **<F>.**

(EN) Daikin Applied Europe is authorised to compile the Technical Construction File.
(DE) Daikin Applied Europe hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen.
(FR) Daikin Applied Europe est autorisé à compiler le Dossier de Construction Technique.
(NL) Daikin Applied Europe is bevoegd om het Technisch Constructiedossier samen te stellen.
(ES) Daikin Applied Europe está autorizado a compilar el Archivo de Construcción Técnica.
(IT) Daikin Applied Europe è autorizzata a redigere il File Tecnico di Costruzione.
(EL) Η Daikin Applied Europe είναι εξουσιοδοτημένη να συντάξει τον Τεχνικό φάκελο κατασκευής.
(PT) A Daikin Applied Europe está autorizada a compilar a documentação técnica de fabrico.
(RU) Компания Daikin Applied Europe уполномочена составить Комплект технической документации.
(DA) Daikin Applied Europe er autoriseret til at udarbejde de tekniske konstruktionsdata.
(SV) Daikin Applied Europe är bemyndigade att sammanställa den tekniska konstruktionsfilen.
(NO) Daikin Applied Europe har tillatelse til å kompilere den Tekniske konstruksjonsfilen.
(FI) Daikin Applied Europe on valtuutettu laatimaan Teknisen asiakirjan.
(CS) Společnost Daikin Applied Europe má oprávnění ke kompilaci souboru technické konstrukce.
(HR) Daikin Applied Europe je ovlašten za izradu Datoteke o tehničkoj konstrukciji.
(HU) A Daikin Applied Europe jogosult a műszaki konstrukciós dokumentáció összeállítására.
(PL) Daikin Applied Europe ma upoważnienie do zbierania i opracowywania dokumentacji konstrukcyjnej.
(RO) Daikin Applied Europe este autorizat să compileze Dosarul tehnic de construcţie.
(SL) Daikin Applied Europe je pooblaščen za sestavo datoteke s tehnično mapo.
(ET) Daikin Applied Europe on volitatud koostama tehnilist dokumentatsiooni.
(BG) Daikin Applied Europe е оторизирана да състави Акта за техническа конструкция.
(LT) Daikin Applied Europe. yra įgaliota sudaryti šį techninės konstrukcijos failą.
(LV) Daikin Applied Europe. ir autorizēts sastādīt tehnisko dokumentāciju.
(SK) Spoločnosť Daikin Applied Europe je oprávnená vytvoriť súbor technickej konštrukcie.
(TR) Daikin Applied Europe Teknik Yapı Dosyasını derlemeye yetkilidir.

Daikin Applied Europe S.p.A.
Via Piani di S.Maria 72,00072 Ariccia (RM) Italy

Ariccia, 31st October 2024

Engineering Director
Luca Del Ferraro

EU – Ecodesign declaration of conformity
EU – Ökodesign-Konformitätserklärung
UE – Déclaration de conformité en matière d'écoconception
EU – Conformiteitsverklaring ecologisch ontwerp
UE – Declaración de conformidad sobre diseño ecológico
UE – Dichiarazione di conformità alla progettazione ecocompatibile
EE– Δήλωση συμμόρφωσης για τον οικολογικό σχεδιασμό
UE – Declaração de conformidade relativa à conceção ecológica
EC– Заявление о соответствии требованиям Директивы по экологизации (Ecodesign)
EU – Overensstemmelseserklæring miljøvenligt design
EU – Konformitetsdeklaration för Ecodesign
EU – Samsvarserklæring for økodesign
EU – Ekosuunnittelun vaatimustenmukaisuusvakuutus
EU – Prohlášení o shodě ekologické konstrukce
EU – Izjava o sukladnosti za za ekološki dizajn
EU – Ökodizájn megfelelőségi nyilatkozat
UE – Deklaracja zgodności z wymogami dotyczącymi ekoprojektu
UE – Declarație de conformitate Ecodesign
EU – Izjava o skladnosti z zahtevami za okoljsko primerno zasnovo
EÜ– Ökodisaini vastavusdeklaratsioon
EC– Декларация за съответствие с екодизайн
ES – Ekodizaino atitikties deklaracija
EŠ – Ekodizaina atbilstības deklarācija
EÜ– Vyhlásenie o zhode Ecodesign
AB – Eko-tasarım uygunluk beyanı

DAIKIN MALAYSIA SDN. BHD.

01 (GB) declares under its sole responsibility that the products to which this declaration relates:
02 (D) erklärt auf seine alleinige Verantwortung, dass die Produkte, auf die sich diese Erklärung bezieht:
03 (F) déclare sous sa seule responsabilité que les produits visés par la présente déclaration:
04 (NL) verklaart hierbij op eigen exclusieve verantwoordelijkheid dat de producten waarop deze verklaring betrekking heeft:
05 (E) declara bajo su única responsabilidad que los productos a los que hace referencia la declaración:
06 (I) dichiara sotto la propria responsabilità che i prodotti cui questa dichiarazione si riferisce:
07 (GR) δηλώνει με αποκλειστική της ευθύνη ότι τα προϊόντα στα οποία αναφέρεται η παρούσα δήλωση:
08 (P) declara sob sua exclusiva responsabilidade que os produtos a que esta declaração se refere:
09 (RUS) заявляет, исключительно под свою ответственность, что изделия, к которым относится настоящее заявление:
10 (DK) erklærer som eneansvarlig, at udstyret, som er omfattet af denne erklæring:
11 (S) deklarerar i egenskap av huvudansvarig att de produkter som berörs av denna deklaration gäller:
12 (N) erklærer et fullstendig ansvar for at produktene som berøres av denne deklarasjonen, innebærer at:
13 (FIN) ilmoittaa yksinomaan omalla vastuullaan, että tämän ilmoituksen tarkoittamat tuotteet:
14 (CZ) prohlašuje na svou výhradní odpovědnost, že produkty, kterých se prohlášení týká:
15 (HR) izjavljuje pod isključivo vlastitom odgovornošću da su proizvodi na koje se ova izjava odnosi:
16 (H) teljes felelősségе tudatában kijelenti, hogy a termékek, melyekre e nyilatkozat vonatkozik:
17 (PL) deklaruje na własną wyłączną odpowiedzialność, że urządzenia, których ta deklaracja dotyczy:
18 (RO) declară pe proprie răspundere că produsele la care se referă această declarație:
19 (SLO) z vso odgovornostjo izjavlja, da so naprave, na katere se izjava nanaša:
20 (EST) kinnitab oma täielikul vastutusel, et käesoleva deklaratsiooni alla kuuluvad tooted:
21 (BG) декларира на своя отговорност, че продуктите, за които се отнася тази декларация:
22 (LT) išskirtine savo atsakomybe šiuo deklaruoja, kad produktai, su kuriais ši deklaracija susijusi:
23 (LV) ar pilnu atbildību apliecina, ka turpmāk minētie izstrādājumi, uz kuriem attiecas šī deklarācija:
24 (SK) vyhlasuje na vlastnú zodpovednosť, že výrobky, na ktoré sa vzťahuje toto vyhlásenie:
25 (TR) tamamen kendi sorumluluğu altında bu bildirinin ilgili olduğu ürünleri beyan eder:

FTXC20EV1B, FTXC25EV1B, FTXC35EV1B, FTXC50EV1B, FTXC60EV1B, FTXC71EV1B

RXC20EV1B, RXC25EV1B, RXC35EV1B, RXC50EV1B, RXC60EV1B, RXC71EV1B

01 are in conformity with the following directive(s) or regulation(s), as amended:
02 folgender/n Richtlinie/n oder Vorschrift/en in der jeweils gültigen Fassung entsprechen:
03 satisfont à la ou aux directive(s) suivante(s) et à la ou aux réglementation(s), telles qu'amendées:
04 in overeenstemming zijn met de volgende richtlijn(en) of verordening(en), zoals gewijzigd:
05 están en conformidad con la(s) siguiente(s) directiva(s) o reglamento(s), en su forma enmendada:
06 sono conformi con le seguenti direttive o regolamenti, e successive modifiche:
07 είναι σύμφωνα με την/τις ακόλουθη(ες) οδηγία(ες) και κανονισμό(ούς), όπως τροποποιήθηκε(αν):
08 estão em conformidade com a(s) seguinte(s) diretiva(s) ou regulamento(s), conforme emendado:
09 отвечает требованиям упомянутых ниже директив или нормативных документов в действующей редакции:
10 overholder bestemmelserne i følgende direktiv(er) eller bestemmelse(r), som tilføjet:
11 uppfyller följande direktiv eller regelverk, med tillägg:
12 er i overensstemmelse med følgende direktiv(er) eller forskrift(er), med foretatte endringer:
13 noudattavat seuraavia direktiivejä tai määräyksiä sellaisina kuin ne ovat muutettuina:
14 jsou ve shodě s následujícími směrnicemi a předpisy v platném znění:
15 u skladu sa slijedećom(im) direktivom(ama) ili propisom(ima), kako je izmijenjeno amandmanima:
16 megfelelnek az alábbi irányelv(ek)nek vagy egyéb szabályozás(ok)nak, a kiegészítésnek megfelelően:
17 spełniają wymogi następujących dyrektyw lub rozporządzeń, z późniejszymi zmianami:
18 sunt în conformitate cu următoarele directive sau regulamente, cu amendamentele respective:
19 v skladu z naslednjo direktivo(-ami) ali predpisom(-i), kot je bilo spremenjeno v:
20 vastavad järgmiste direktiivide nõuetele või nende muudetud nõuetele:
21 отговарят на следната директива(и) и регламент(и), с техните изменения:
22 atitinka toliau nurodytas direktyvas arba reglamentus ir jų redakcijas:
23 atbilst šādām direktīvām vai regulām ar grozījumiem:
24 sú v zhode s nasledovnou(ými) smernicou(ami) a predpisom(mi) doplnené:
25 değiştirildiği şekliyle aşağıdaki direktife/direktiflere veya yönetmeliğe/yönetmeliklere uygun olduğunu beyan eder:

Ecodesign: Directive 2009/125/EC

Commission regulations:

(EU) 206/2012

01 and comply with the following standard(s) or other normative document(s):
02 und dem/n folgenden Standard(s) oder anderen Normen entspricht/entsprechen:
03 sont en conformité avec la ou les norme(s) standard ou d'autre(s) document(s) normatif(s):
04 en voldoen aan de volgende norm(en) of ander(e) normatief(ve) document(en) zijn:
05 y cumplen con la(s) siguiente(s) norma(s) u otro(s) documento(s) normativo(s):
06 e rispetta le norme o i documenti normativi riportati di seguito:
07 και είναι σύμφωνα με τα/τα ακόλουθο(α) πρότυπο(α) ή τα/τα ακόλουθο(α) κανονιστικό(ά) έγγραφο(α):
08 e cumprem a(s) seguintes norma(s) ou outros documentos normativos aplicáveis:
09 отвечает требованиям упомянутых ниже стандартов или нормативных документов:
10 og overholder følgende standard(er) eller andre normative dokumenter:
11 uppfyller följande standard(er) eller andra normerande dokument:
12 og samsvarer med følgende standard(er) eller andre/annet normgivende dokument(er):
13 ja noudattavat seuraavien standardien tai muiden normatiivisten asiakirjojen vaatimuksia:
14 jsou ve shodě s následujícími normami nebo jinými normativními dokumenty:
15 i u skladu sa slijedećim standardom(ima) ili drugim normativnim dokumentom(ima):
16 és megfelelnek az alábbi szabvány(ok)nak vagy egyéb irányadó dokumentum(ok)nak:
17 i spełniają wymogi następujących norm oraz innych dokumentów normalizacyjnych:
18 și se conformează următoarelor standarde sau altor documente normative:
19 in ustrezajo naslednjim standardom ali drugim zavezujočim dokumentom:
20 toode vastab järgmisele (järgmistele) standardile (standarditele) või muule normdokumendile (normdokumentidele):
21 и съответстват на следния стандарт(и) или друг нормативен документ(и):
22 ir atitinka tolesnius standartus arba kitus norminius dokumentus:
23 un atbilst šādiem standartiem vai citiem normatīvajiem dokumentiem:
24 A sú v zhode s nasledovnou(ými) normou(ami) alebo iným(i) normatívnym(i) dokumentom(mi):
25 ve aşağıdaki standarda/standartlara veya diğer normatif belgeye/belgelere uyduğunu beyan eder:

EN 14825

01 (*) Official approved combination(s) can be found in the product catalogue(s).
02 (*) Offiziell genehmigte Kombinationen sind im/in Produktkatalog(en) aufgeführt.
03 (*) La ou les combinaison(s) approuvée(s) officiellement figure(nt) dans le(s) catalogue(s) de produits.
04 (*) Officieel goedgekeurde combinatie(s) zijn terug te vinden in de productcatalogus(i).
05 (*) La(s) combinación(es) oficialmente aprobada(s) puede o pueden encontrarse en los catálogos o catálogo de productos.
06 (*) Le combinazioni ufficialmente approvate sono riportate nei cataloghi dei prodotti.
07 (*) Ο/Οι συνδυασμός/οί που έχει(ουν) επίσημη έγκριση παρέχεται(ονται) στον κατάλογο/στους καταλόγους προϊόντων.
08 (*) As combinações aprovadas oficiais constam dos catálogo dos produtos.
09 (*) Официально одобренные сочетания можно найти в каталогах изделий.
10 (*) Officielt godkendte kombination(er) kan ses i produktkataloget(-katalogerne).
11 (*) Officiellt godkända kombinationer finns i produktkatalogerna.
12 (*) Offentlig godkjente kombinasjon(er) står oppgitt i produktkatalogen(e).
13 (*) Virallisesti hyväksytyt yhdistelmät on ilmoitettu tuoteluetteloissa.
14 (*) Oficiálně schválené kombinace je možné nalézt v katalogu produktů.
15 (*) Službeno odobrena(e) kombinacija(e) mogu se naći u slijedećem(im) katalogu(zima) proizvoda:
16 (*) A hivatalosan jóváhagyott összeállítás(ok) a termékkatalógus(ok)ban találhatók.
17 (*) Oficjalnie zatwierdzone kombinacje zawierają katalogi produktów.
18 (*) Combinațiile aprobate oficial pot fi găsite în cataloagele de produse.
19 (*) Uradno odobrene kombinacije so dostopne v katalogih izdelkov.
20 (*) Ametlikult heaks kiidetud kombinatsiooni(d) leiate tootekataloogi(de)st.
21 (*) Официално одобрените комбинации могат да се намерят в продуктовите каталози.
22 (*) Oficialiai patvirtintą kombinaciją (-as) galite rasti produkto kataloge (-uose).
23 (*) Ražotāja apstiprinātās kombinācijas norādītas izstrādājumu katalogos.
24 (*) Oficiálne schválená(é) kombinácia(e) nájdete v katalógu(och) výrobkov.
25 (*) Resmi onaylı kombinasyonlar ürün kataloglarında bulunabilir.

FTXC20/25/35/50/60/71E-Lot10-V0

DAIKIN

Tan Yong Cheem
Vice President

Issue Date : 25 September 2024

DAIKIN MALAYSIA SDN. BHD.
Lot 60334, Persiaran Bukit Rahman Putra 3,
Taman Perindustrian Bukit Rahman Putra,
47000 Sungai Buloh, Selangor Darul
Ehsan, Malaysia.

Air Conditioning Technical Data

RXC-E

TABLE OF CONTENTS

RXC-E

1 Features

1 - 1 RXC-E

› Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
› Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
› Daikin outdoor units are equipped with an anti-corrosion treated heat exchanger (blue fin) which ensures greater resistance to the most severe weather conditions
› Outdoor units for pair application

INVERTER

Inverter

2 Specifications

2 - 1 Specifications

Technical specifications				FTXC20E + RXC20E	FTXC25E + RXC25E	FTXC35E + RXC35E	FTXC50E + RXC50E	FTXC60E + RXC60E	FTXC71E + RXC71E
Indoor unit				FTXC20EV1B	FTXC25EV1B	FTXC35EV1B	FTXC50EV1B	FTXC60EV1B	FTXC71EV1B
Outdoor unit				RXC20EV1B	RXC25EV1B	RXC35EV1B	RXC50EV1B	RXC60EV1B	RXC71EV1B
Cooling capacity	Min.		kW	1.3			1.37	1.8	2.3
	Min.		Btu/h	4,400			4,700	6,100	7,800
	Rated		kW	2.0	2.56	3.5	5.1	6.23	7.1
	Rated		Btu/h	6,800	8,700	11,900	17,400	21,300	24,200
	Max.		kW	3.0		4.0	6.2	7.0	7.3
	Max.		Btu/h	10,200		13,600	21,200	23,900	24,200
Heating capacity	Min.		kW	1.3			1.36	1.48	2.3
	Min.		Btu/h	4,400			4,600	5,000	7,800
	Rated		kW	2.5	2.84	4.0	5.62	6.4	8.0
	Rated		Btu/h	8,500	9,700	13,600	19,200	21,800	27,300
	Max.		kW	4.0		4.8	6.6	8.0	9.0
	Max.		Btu/h	13,600		16,400	22,500	27,300	30,700
Power input	Cooling	Min.	kW	0.300		0.315	0.295	0.380	0.440
		Nom.	kW	0.595	0.765	1.045	1.550	1.890	2.380
		Max.	kW	1.150		1.740	2.110	2.045	2.540
	Heating	Min.	kW	0.275			0.270	0.325	0.500
		Nom.	kW	0.670	0.750	1.070	1.515	1.680	2.460
		Max.	kW	1.350		1.570	1.850	2.350	2.640
Nominal efficiency	EER			3.36	3.35		3.29	3.30	2.98
	COP			3.73	3.79	3.74	3.71	3.81	3.25
	Energy labeling Directive	Cooling		A					C
		Heating		A					C
Space cooling	Energy efficiency class			A++					A
	Capacity	Pdesign	kW	2.1	2.6	3.4	5.1	6.2	7.0
	SEER			6.9	6.8	6.9	6.5	6.4	5.3
	Annual energy consumption		kWh/a	106	131	175	276	339	460
Space heating (Average climate)	Capacity	Pdesign	kW	1.9	2.2		3.9	4.1	6.4
	Energy efficiency class			A+					A
	SCOP/A			4.4	4.5	4.3	4.4	4.2	3.8
	Pdh Heating capacity at -10°		kW	1.4	1.6	1.7	3.0	3.5	5.4
	Annual energy consumption		kWh/a	595	701	733	1,234	1,353	2,332
	Required back up heating cap at design conditions		kW	0.5	0.7	0.5	0.9	0.6	1.0
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.0	2.1		4.5	5.5	5.8
	Energy efficiency class			A+++					A++
Space heating (Warm climate)	SCOP			5.8		5.7	5.3	5.4	4.6
	Annual energy consumption		kWh/a	487	494	507	1,173	1,439	1,776
	Required back up heating cap at design conditions		kW	0.0					
Space cooling	A Condition	Pdc	kW	2.08	2.57	3.44	5.08	6.21	6.96
	(35°C - 27/19)	EERd		3.95	3.28	3.26	3.20	3.28	2.69
		Power input	kW	0.526	0.784	1.055	1.588	1.893	2.587
	B Condition	Pdc	kW	1.60	1.80	2.41	3.75	4.73	5.21
	(30°C - 27/19)	EERd		5.77	5.55	5.21	4.81	4.97	4.32
		Power input	kW	0.277	0.324	0.463	0.780	0.952	1.206
	C Condition	Pdc	kW	1.29	1.28	1.57	2.29	3.08	3.46
	(25°C - 27/19)	EERd		9.51	9.25	8.81	7.99	8.04	6.71
		Power input	kW	0.136	0.138	0.178	0.287	0.383	0.516
	D Condition	Pdc	kW	1.35		1.31	1.82	2.30	2.22
	(20°C - 27/19)	EERd		12.48	11.91	12.85	11.75	11.25	7.83
		Power input	kW	0.108	0.113	0.102	0.155	0.204	0.284

2 Specifications

2 - 1 Specifications

Technical specifications					FTXC20E + RXC20E	FTXC25E + RXC25E	FTXC35E + RXC35E	FTXC50E + RXC50E	FTXC60E + RXC60E	FTXC71E + RXC71E
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-14					
	TBivalent	Tbiv (bivalent temperature)		°C	-7					
		Pdh (declared heating cap)		kW	1.65	1.97	1.98	3.45	3.63	5.62
		COPd (declared COP)			2.49	2.93	2.45	2.55	2.71	2.52
		Power input		kW	0.663	0.672	0.808	1.353	1.339	2.230
	A Condition (-7°C)	Pdh (declared heating cap)		kW	1.65	1.97	1.98	3.45	3.63	5.62
		COPd (declared COP)			2.49	2.93	2.45	2.55	2.71	2.52
		Power input		kW	0.663	0.672	0.808	1.353	1.339	2.230
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.05	1.19	1.26	2.01	2.16	3.33
		COPd (declared COP)			4.65	4.43	4.51	4.76	4.42	3.69
		Power input		kW	0.226	0.269	0.279	0.423	0.489	0.902
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.90		0.99	1.58	1.74	2.30
		COPd (declared COP)			6.12	6.08	5.81	5.64	5.41	5.11
		Power input		kW	0.147	0.148	0.170	0.280	0.322	0.450
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.11			1.77	1.78	1.80
		COPd (declared COP)			7.66	7.58	7.15	7.13	6.70	5.95
		Power input		kW	0.145	0.146	0.155	0.248	0.266	0.303
	E condition (-10°C)	Pdh (declared heating cap)		kW	1.03		1.36	2.37	3.30	5.02
		COPd (declared COP)			1.94	1.93		1.90	2.49	2.38
		Power input		kW	0.531	0.536	0.705	1.247	1.325	2.109
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature)		°C	2					
		Pdh (declared heating cap)		kW	2.05		2.06	4.46	5.53	5.84
Space heating (Warm climate)	TBivalent	COPd (declared COP)			3.16		3.42	2.68	2.8	2.61
		Power input		kW	0.636	0.649	0.602	1.664	1.979	2.233
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.01	2.05	2.06	4.46	5.53	5.84
		COPd (declared COP)			3.16		3.42	2.68	2.80	2.61
		Power input		kW	0.636	0.649	0.602	1.664	1.975	2.233
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.24	1.26	1.39	2.88	3.65	3.85
		COPd (declared COP)			5.87	5.97	6.00	4.91	5.15	4.61
		Power input		kW	0.211		0.232	0.587	0.709	0.836
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.11			1.77	1.78	1.80
		COPd (declared COP)			7.66	7.58	7.15	7.13	6.80	5.28
		Power input		kW	0.145	0.146	0.155	0.248	0.262	0.341
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0					
	Off mode	POFF		W	2					
	Standby mode	Cooling	PSB	W	2					
		Heating	PSB	W	2					
Cooling	Cdc (Degradation cooling)				0.25					
Heating	Cdh (Degradation heating)				0.25					
Cooling function included					Yes					
Heating function included					Yes					
Average climate included					Yes					
Cold season included					No					
Warm season included					Yes					
Ecolabel logo					No					
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	58		60	65	66	69
	Sound power level indoor	Cooling	Nom.	dBA	57		58	60	63	
Pto (Thermostat off)				W	25		26	34	66	

Electrical specifications					FTXC20E + RXC20E	FTXC25E + RXC25E	FTXC35E + RXC35E	FTXC50E + RXC50E	FTXC60E + RXC60E	FTXC71E + RXC71E
Current	Nominal running current (RLA)	Cooling		A	3.00	3.04	4.2	6.24	7.22	8.98
	Nominal running current (RLA) - 50Hz	Heating		A	2.73	3.02	4.34	5.97	6.31	9.38
Current - 50Hz	Maximum running current			A	6.91		7.93	10.2	11.5	
	Maximum fuse amps (MFA)			A	16					

Technical Specifications					RXC20E	RXC25E	RXC35E	RXC50E	RXC60E	RXC71E
Fan	Running current	Cooling	Standard	A	0.28		0.32	0.38	0.62	0.97
Refrigerant	Charge			tCO2Eq	0.371		0.506	0.675	0.743	0.776
Casing	Colour				Ivory white					
	Material				Sheet metal					

2 Specifications

2 - 1 Specifications

Technical Specifications					RXC20E	RXC25E	RXC35E	RXC50E	RXC60E	RXC71E
Dimensions	Unit	Height		mm	550			615		695
		Width		mm	658			845		930
		Depth		mm	273			300		350
	Packed unit	Height		mm	610			679		760
		Width		mm	781			992		1,084
		Depth		mm	363			414		473
Weight	Unit			kg	24		26	39		45
	Packed unit			kg	26		28	42		49
Packing	Material				EPS-Foam / Corrugated board					
	Weight			kg	2			4		
Heat exchanger	Length			mm	662		627	850		878
	Rows	Quantity			1		2			
	Fin pitch			mm	18					
	Face area			m^2	0.33		0.32	0.5		0.59
	Stages	Quantity			24			28		32
	Tube type				Inner Groove					
	Tube material				Copper					
	Tube diameter			mm	7					
	Fin	Type			Aluminium (Corrugated)					
		Treatment			Hydrophilic					
Fan	Type				Propeller fan					
	Discharge direction				Horizontal					
	Quantity				1					
	Air flow rate	Cooling	High	m^3/min	26.3		23.8	37.1	46.2	54.7
				cfm	930		840	1,310	1,630	1,930
Fan motor	Quantity				1					
	Model				M3SLY10/15F-1			M3SLY20F-1		M3SLY30F-1
	Index of Protection				24			23		
	Insulation grade				Class "E"					
	Poles				8					
	Output			W	26			61		128
	Drive				Direct drive					
Fan motor	Speed	Cooling	High	rpm	930			900	1,100	800
Compressor	Quantity				1					
	Model				1GDY25BXD			2YC40GXD		
	Oil Amount			cm^3	375			650		
	Type				Hermetic swing					
	Oil Type				FW68DA					
Operation range	Cooling	Ambient	Min.	°CDB	10			-10		
			Max.	°CDB	46					
	Heating	Ambient	Min.	°CWB	-15					
			Max.	°CWB	18					
Sound power level	Cooling	Max		dBA	58		60	65	66	69
Sound pressure level	Cooling	High		dBA	45		46	51	54	
Refrigerant	Type				R-32					
	Charge			kg	0.55		0.75	1	1.1	1.15
	Charge			tCO2Eq	0.371		0.506	0.675	0.743	0.776
	Control				EXV					
	GWP				675					
Piping connections	Liquid	Type			Flare connection					
		OD		mm	6.4					
	Gas	Quantity			1					
		Type			Flare connection					
		OD		mm	9.52			12.7		
	Drain	Quantity			1					
		Type			Drain Joint					
		OD		mm	16					
	Piping length	OU - IU	Min.	m	3					
			Max.	m	20			30		
		System	Chargeless	m	7.5					
	Additional refrigerant charge			kg/m	0,017 (for piping length exceeding 7.5m)					
	Level difference	IU - OU	Max.	m	15			20		
	Heat insulation				Both liquid and gas pipes					
Defrost method					Temperature					
Defrost control					Outdoor heat exchanger and ambient sensor					
Capacity control	Method				Inverter controlled					

2 Specifications

2 - 1 Specifications

Electrical Specifications				RXC20E	RXC25E	RXC35E	RXC50E	RXC60E	RXC71E
Power supply	Name			V1					
	Phase			1~					
	Frequency		Hz	50					
	Voltage		V	220-440					
Current	Nominal running current (RLA)	Cooling	A	3.00	3.04	4.20	6.24	7.22	8.98
		Heating	A	2.73	3.02	4.34	5.97	6.31	9.38
	Maximum running current	Cooling	A	6.16		6.68	10.2	10.5	11.5
		Heating	A	6.91		7.93	10.2	11.5	
Wiring connections	For power supply	Quantity		3					
		Remark		3 for power supply, 4 for interunit wiring (including earth wiring)					
	For connection with indoor	Quantity		4					
		Remark		Earth wire included					
Current - 50Hz	Maximum fuse amps (MFA)	Maximum fuse amps (MFA)	A	16					

3 Electrical data

3 - 1 Electrical Data

FTXC-E / RXC-E

Unit combination restrictions		Power Supply			MCA		MFA		COMP				OFM				IFM			
Indoor unit	Outdoor unit	①	②	③					Cooling		Heating		Cooling		Heating		Cooling		Heating	
					Cooling	Heating	Cooling	Heating	RHz	RLA	RHz	RLA	kW	FLA	kW	FLA	kW	FLA	kW	FLA
FTXC20DV1B FTXC20EV1B	RXC20DV1B RXC20EV1B	50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	6.16	6.91	16	16	33	3.00	50	2.73	0.026	0.28	0.026	0.28	0.038	0.15	0.038	0.15
FTXC25DV1B FTXC25EV1B	RXC25DV1B RXC25EV1B	50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	6.16	6.91	16	16	47	3.04	55	3.02	0.026	0.28	0.026	0.28	0.038	0.15	0.038	0.15
FTXC35DV1B FTXC35EV1B	RXC35DV1B RXC35EV1B	50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	6.68	7.93	16	16	65	4.20	75	4.34	0.026	0.32	0.026	0.32	0.038	0.16	0.038	0.16
FTXC50DV1B FTXC50EV1B	RXC50DV1B RXC50EV1B	50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10.20	10.20	16	16	67	6.24	65	5.97	0.061	0.38	0.061	0.49	0.038	0.20	0.038	0.20
FTXC60DV1B FTXC60EV1B	RXC60DV1B RXC60EV1B	50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10.50	11.50	16	16	76	7.22	79	6.31	0.061	0.62	0.061	0.62	0.038	0.45	0.038	0.45
FTXC71DV1B FTXC71EV1B	RXC71DV1B RXC71EV1B	50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	11.50	11.50	16	16	92	8.98	92	9.38	0.128	0.97	0.128	0.97	0.038	0.45	0.038	0.45

Power Supply Cable Size (mm^2)	Interconnection Cable Size (mm^2)
1.5	1.5
1.5	1.5
1.5	1.5
2.5	1.5
2.5	1.5
2.5	1.5

SYMBOLS

① Hz
② Voltage
③ Voltage range
MCA : Minimum circuit ampere (A)
MFA : Maximum fuse ampere (A)
RLA : Rated load amps (A)
COMP : Compressor
OFM : Outdoor fan motor
IFM : Indoor fan motor
FLA : Full load ampere (A)
kW : Fan motor rated output (kW)
RHz : Rated operating frequency (Hz)

NOTES

1. The RLA is based on the following conditions.
   - Indoor temperatures 27°CDB / 19°CWB
   - Outdoor temperature 35°C DBB
2. Select the wire size according to the MCA.
3. The maximum allowable voltage that is unbalanced between phases is 2%.
4. Use a circuit breaker instead of a fuse.

3D140573B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXC20E / RXC20E

AFR	10.8
BF	0.28

Cooling: 220 - 240V 50Hz

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2.05	1.97	0.46	1.95	1.91	0.50	1.86	1.85	0.54	1.82	1.83	0.56	1.77	1.78	0.59	1.67	1.72	0.63
16	22	2.14	1.94	0.46	2.05	1.88	0.50	1.95	1.82	0.55	1.92	1.80	0.57	1.86	1.76	0.59	1.77	1.71	0.64
18	25	2.24	2.03	0.46	2.14	1.97	0.51	2.05	1.92	0.55	2.01	1.89	0.57	1.95	1.86	0.60	1.86	1.81	0.64
19	27	2.28	2.13	0.46	2.19	2.07	0.51	2.09	2.02	0.55	2.06	2.00	0.57	2.00	1.97	0.60	1.91	1.92	0.64
22	30	2.42	2.05	0.47	2.33	2.00	0.51	2.23	1.96	0.55	2.19	1.94	0.57	2.14	1.91	0.60	2.05	1.87	0.64
24	32	2.51	2.00	0.47	2.42	1.95	0.51	2.33	1.91	0.56	2.29	1.89	0.58	2.23	1.87	0.60	2.14	1.82	0.65

Heating: 220 - 240V 50Hz

AFR	10.8

Indoor Temperature	Outdoor Temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1.19	0.43	1.43	0.45	1.67	0.48	1.91	0.62	2.59	0.66	2.81	0.68
20	1.12	0.44	1.36	0.46	1.60	0.48	1.84	0.64	2.50	0.67	2.73	0.69
22	1.09	0.45	1.33	0.47	1.57	0.49	1.81	0.64	2.46	0.67	2.69	0.70
24	1.06	0.45	1.30	0.48	1.54	0.50	1.78	0.65	2.43	0.68	2.66	0.70
25	1.04	0.45	1.28	0.48	1.53	0.50	1.77	0.65	2.41	0.68	2.64	0.71
27	1.01	0.46	1.26	0.48	1.49	0.50	1.74	0.66	2.38	0.69	2.61	0.71

Applicable Model	
Indoor	Outdoor
FTXC20BV1B	RXC20BV1B
FTXC20CV1B	RXC20CV1B
FTXC20DV1B	RXC20DV1B
FTXC20EV1B	RXC20EV1B

Symbols

AFR	: Air flow rate	(m^3/min.)
BF	: Bypass factor	
EWB	: Entering wet bulb temp.	(°C)
EDB	: Entering dry bulb temp.	(°C)
TC	: Total capacity	(kW)
SHC	: Sensible heat capacity	(kW)
PI	: Power input	(kW)

NOTES:
1. ▭ shows nominal (rated) capacites and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
   Corresponding refrigerant piping length : 7.5m
   Level difference : 0.0m

3D121043C

FTXC25E / RXC25E

Cooling: 220 - 240V 50Hz

AFR	10.8
BF	0.17

Indoor Temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2.62	2.40	0.59	2.50	2.33	0.64	2.38	2.25	0.70	2.34	2.22	0.72	2.26	2.17	0.76	2.14	2.10	0.81
16	22	2.74	2.36	0.59	2.62	2.29	0.65	2.50	2.22	0.70	2.46	2.19	0.73	2.38	2.15	0.76	2.26	2.08	0.82
18	25	2.86	2.47	0.59	2.74	2.40	0.65	2.62	2.33	0.71	2.57	2.31	0.73	2.50	2.27	0.77	2.38	2.20	0.82
19	27	2.92	2.59	0.59	2.80	2.53	0.65	2.68	2.47	0.71	2.63	2.44	0.73	2.56	2.40	0.77	2.44	2.34	0.83
22	30	3.09	2.50	0.60	2.98	2.44	0.66	2.86	2.39	0.71	2.81	2.37	0.74	2.74	2.33	0.77	2.62	2.27	0.83
24	32	3.21	2.43	0.61	3.09	2.38	0.66	2.98	2.33	0.72	2.93	2.31	0.74	2.86	2.27	0.77	2.74	2.22	0.83

Heating: 220 - 240V 50Hz

AFR	10.8

Indoor Temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1.35	0.48	1.63	0.51	1.90	0.53	2.18	0.69	2.94	0.73	3.20	0.76
20	1.27	0.50	1.54	0.52	1.82	0.54	2.09	0.72	2.84	0.75	3.10	0.77
22	1.23	0.50	1.51	0.53	1.78	0.55	2.06	0.72	2.80	0.75	3.06	0.78
24	1.20	0.50	1.48	0.53	1.75	0.56	2.02	0.73	2.76	0.76	3.02	0.79
25	1.18	0.51	1.46	0.53	1.73	0.56	2.01	0.73	2.74	0.77	3.00	0.79
27	1.15	0.51	1.43	0.54	1.70	0.56	1.97	0.73	2.70	0.77	2.96	0.80

Applicable Models	
Indoor	Outdoor
FTXC25BV1B	RXC25BV1B
FTXC25CV1B	RXC25CV1B
FTXC25DV1B	RXC25DV1B
FTXC25AV1G	RXC25AV1G
FTXC25EV1G	RXC25EV1G

Symbols

AFR	: Air flow rate	(m^3/min.)
BF	: Bypass factor	
EWB	: Entering wet bulb temp.	(°C)
EDB	: Entering dry bulb temp.	(°C)
TC	: Total capacity	(kW)
SHC	: Sensible heat capacity	(kW)
PI	: Power input	(kW)

NOTES:
1. ▭ shows nominal (rated) capacites and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
   Corresponding refrigerant piping length : 7.5m
   Level difference : 0.0m

3D121056D

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXC35E / RXC35E

AFR	11.04
BPF	0.13

Cooling: 220 - 240V 50Hz

Indoor Temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3.59	2.75	0.80	3.42	2.67	0.88	3.26	2.59	0.96	3.19	2.56	0.99	3.10	2.51	1.04	2.93	2.43	1.12
16	22	3.75	2.70	0.81	3.58	2.63	0.89	3.42	2.55	0.97	3.36	2.52	1.00	3.26	2.48	1.04	3.10	2.41	1.12
18	25	3.91	2.84	0.81	3.75	2.77	0.90	3.58	2.70	0.97	3.52	2.67	1.00	3.42	2.63	1.05	3.25	2.56	1.13
19	27	3.99	2.99	0.81	3.83	2.93	0.90	3.66	2.86	0.97	3.60	2.83	1.00	3.50	2.79	1.05	3.34	2.73	1.13
22	30	4.23	2.89	0.82	4.07	2.83	0.90	3.90	2.77	0.98	3.84	2.75	1.01	3.74	2.71	1.06	3.58	2.66	1.14
24	32	4.39	2.82	0.83	4.23	2.76	0.91	4.07	2.71	0.99	4.00	2.69	1.02	3.90	2.66	1.06	3.74	2.60	1.14

Heating: 220 - 240V 50Hz

AFR	11.04

Indoor Temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1.90	0.68	2.29	0.72	2.67	0.76	3.06	0.99	4.14	1.05	4.50	1.08
20	1.79	0.71	2.17	0.74	2.56	0.77	2.95	1.02	4.00	1.07	4.36	1.10
22	1.74	0.72	2.13	0.75	2.51	0.79	2.90	1.02	3.94	1.08	4.31	1.12
24	1.69	0.72	2.08	0.76	2.46	0.79	2.84	1.04	3.89	1.08	4.25	1.13
25	1.67	0.73	2.05	0.76	2.44	0.80	2.83	1.04	3.86	1.09	4.22	1.13
27	1.62	0.73	2.01	0.77	2.39	0.81	2.78	1.05	3.81	1.10	4.17	1.14

Applicable Model	
Indoor	Outdoor
FTXC35DV1B	RXC35DV1B
FTXC35EV1B	RXC35EV1B

Symbols

AFR	Air Flow rate	(m3/min)
BPF	Bypass factor	
EWB	Entering Wet Bulb	(°C)
EDB	Entering Dry Bulb	(°C)
TC	Total Capacity	(kW)
SHC	Sensible Heat Capacity	(kW)
PI	Power Input	(kW)

NOTES:

1) Shows nominal(rated) capacities and power input
2) TC, SHC and PI must be calculated by interpolation using the figures in the above table
3) Capacities are based on the following condition
   Corresponding refrigerant piping length :7.5m
   Level difference :0.0m

3D142014A

FTXC50E / RXC50E

AFR	12.46
BPF	0.13

Cooling: 220 - 240V 50Hz

Indoor Temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5.23	3.72	1.19	4.98	3.59	1.30	4.75	3.47	1.41	4.65	3.42	1.46	4.51	3.35	1.54	4.27	3.22	1.65
16	22	5.47	3.65	1.20	5.22	3.53	1.31	4.98	3.41	1.43	4.89	3.37	1.47	4.75	3.30	1.54	4.51	3.18	1.66
18	25	5.70	3.79	1.20	5.47	3.68	1.32	5.22	3.56	1.43	5.13	3.52	1.48	4.98	3.45	1.55	4.74	3.35	1.66
19	27	5.81	3.95	1.20	5.58	3.85	1.32	5.33	3.74	1.43	5.24	3.70	1.48	5.10	3.64	1.55	4.87	3.54	1.67
22	30	6.16	3.80	1.22	5.93	3.71	1.33	5.69	3.61	1.44	5.60	3.58	1.49	5.45	3.52	1.56	5.22	3.43	1.68
24	32	6.40	3.69	1.23	6.16	3.61	1.34	5.93	3.52	1.46	5.83	3.49	1.50	5.69	3.44	1.57	5.45	3.35	1.69

Heating: 220 - 240V 50Hz

AFR	12.46

Indoor Temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2.67	0.97	3.22	1.02	3.76	1.08	4.30	1.41	5.81	1.49	6.32	1.54
20	2.52	1.00	3.05	1.05	3.59	1.10	4.14	1.45	5.62	1.52	6.13	1.57
22	2.44	1.02	2.99	1.07	3.53	1.12	4.07	1.46	5.54	1.53	6.05	1.58
24	2.38	1.02	2.92	1.08	3.46	1.13	4.00	1.47	5.46	1.54	5.97	1.60
25	2.34	1.03	2.88	1.08	3.43	1.13	3.98	1.48	5.43	1.55	5.93	1.60
27	2.28	1.04	2.82	1.10	3.36	1.14	3.90	1.49	5.35	1.57	5.86	1.62

Applicable Model	
Indoor	Outdoor
FTXC50DV1B	RXC50DV1B
FTXC50EV1B	RXC50EV1B

Symbols

AFR	Air Flow rate	(m3/min)
BPF	Bypass factor	
EWB	Entering Wet Bulb	(°C)
EDB	Entering Dry Bulb	(°C)
TC	Total Capacity	(kW)
SHC	Sensible Heat Capacity	(kW)

NOTES:

1) Shows nominal(rated) capacities and power input
2) TC, SHC and PI must be calculated by interpolation using the figures in the above table
3) Capacities are based on the following condition
   Corresponding refrigerant piping length :7.5m
   Level difference :0.0m

3D142020A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXC60E / RXC60E

Cooling: 220 - 240V 50Hz

AFR	20.4
BF	0.13

Indoor Temperature		Outdoor Temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	6.38	4.94	1.45	6.09	4.78	1.59	5.80	4.63	1.72	5.68	4.57	1.78	5.51	4.47	1.87	5.22	4.31	2.01
16	22	6.68	4.86	1.46	6.38	4.70	1.59	6.08	4.56	1.74	5.98	4.51	1.80	5.80	4.41	1.87	5.51	4.28	2.02
18	25	6.96	5.07	1.47	6.68	4.94	1.61	6.38	4.79	1.74	6.27	4.74	1.80	6.08	4.65	1.89	5.79	4.53	2.03
19	27	7.10	5.33	1.47	6.81	5.19	1.61	6.52	5.07	1.74	6.40	5.01	1.80	6.23	4.93	1.89	5.94	4.81	2.04
22	30	7.53	5.13	1.48	7.24	5.01	1.62	6.95	4.90	1.76	6.83	4.86	1.82	6.66	4.78	1.91	6.38	4.67	2.05
24	32	7.82	4.99	1.49	7.53	4.89	1.63	7.24	4.78	1.78	7.12	4.74	1.83	6.95	4.67	1.91	6.66	4.56	2.06

Heating: 220 - 240V 50Hz

AFR	20.4

Indoor Temperature	Outdoor Temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3.04	1.08	3.66	1.13	4.28	1.19	4.90	1.56	6.62	1.65	7.20	1.70
20	2.87	1.11	3.47	1.16	4.09	1.22	4.71	1.60	6.40	1.68	6.98	1.73
22	2.78	1.13	3.40	1.18	4.02	1.23	4.63	1.61	6.31	1.69	6.89	1.75
24	2.71	1.13	3.33	1.19	3.94	1.25	4.55	1.63	6.22	1.70	6.80	1.77
25	2.67	1.14	3.28	1.19	3.91	1.25	4.53	1.64	6.18	1.71	6.75	1.77
27	2.60	1.15	3.21	1.21	3.82	1.27	4.44	1.65	6.09	1.73	6.67	1.79

Applicable Model	
Indoor	Outdoor
FTXC60BV1B	RXC60BV1B
FTXC60CV1B	RXC60CV1B
FTXC60DV1B	RXC60DV1B
FTXC60EV1B	RXC60EV1B

Symbols

AFR	: Air flow rate	(m^3/min.)
BF	: Bypass factor	
EWB	: Entering wet bulb temp.	(°C)
EDB	: Entering dry bulb temp.	(°C)
TC	: Total capacity	(kW)
SHC	: Sensible heat capacity	(kW)
PI	: Power input	(kW)

NOTES:
1. ▭ shows nominal (rated) capacites and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
   Corresponding refrigerant piping length : 7.5m
   Level difference : 0.0m

3D121073C

FTXC71E / RXC71E

Cooling: 220 - 240V 50Hz

AFR	20.4
BF	0.13

Indoor Temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	7.28	5.05	1.82	6.94	4.89	2.00	6.61	4.73	2.17	6.48	4.67	2.24	6.28	4.57	2.36	5.94	4.41	2.53
16	22	7.61	4.97	1.84	7.27	4.80	2.01	6.93	4.66	2.19	6.81	4.61	2.26	6.61	4.51	2.36	6.28	4.37	2.54
18	25	7.93	5.18	1.85	7.61	5.05	2.03	7.27	4.90	2.20	7.14	4.84	2.27	6.93	4.76	2.38	6.60	4.63	2.55
19	27	8.09	5.45	1.85	7.76	5.31	2.03	7.43	5.18	2.20	7.30	5.12	2.27	7.10	5.04	2.38	6.77	4.92	2.57
22	30	8.58	5.25	1.87	8.26	5.12	2.05	7.92	5.01	2.22	7.79	4.97	2.29	7.59	4.89	2.40	7.27	4.77	2.58
24	32	8.91	5.10	1.88	8.58	5.00	2.05	8.26	4.89	2.24	8.12	4.85	2.31	7.92	4.77	2.41	7.59	4.66	2.59

Heating: 220 - 240V 50Hz

AFR	20.4

Indoor Temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	3.80	1.57	4.58	1.66	5.35	1.75	6.13	2.28	8.27	2.41	9.00	2.49
20	3.58	1.62	4.34	1.70	5.12	1.78	5.89	2.35	8.00	2.46	8.73	2.54
22	3.48	1.65	4.25	1.73	5.02	1.81	5.79	2.36	7.88	2.47	8.62	2.56
24	3.38	1.65	4.16	1.75	4.92	1.83	5.69	2.38	7.78	2.49	8.51	2.59
25	3.34	1.67	4.10	1.75	4.88	1.83	5.66	2.40	7.73	2.51	8.44	2.60
27	3.25	1.68	4.02	1.78	4.78	1.85	5.55	2.41	7.61	2.54	8.34	2.62

Applicable Models	
Indoor	Outdoor
FTXC71BV1B	RXC71BV1B
FTXC71CV1B	RXC71CV1B
FTXC71DV1B	RXC71DV1B
FTXC71AV1G	RXC71AV1G
FTXC71EV1B	RXC71EV1B

Symbols

AFR	: Air flow rate	(m^3/min.)
BF	: Bypass factor	
EWB	: Entering wet bulb temp.	(°C)
EDB	: Entering dry bulb temp.	(°C)
TC	: Total capacity	(kW)
SHC	: Sensible heat capacity	(kW)
PI	: Power input	(kW)

NOTES:
1. ▭ shows nominal (rated) capacities and power input.
2. TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
3. Capacities are based on the following conditions.
   Corresponding refrigerant piping length : 7.5m
   Level difference : 0.0m

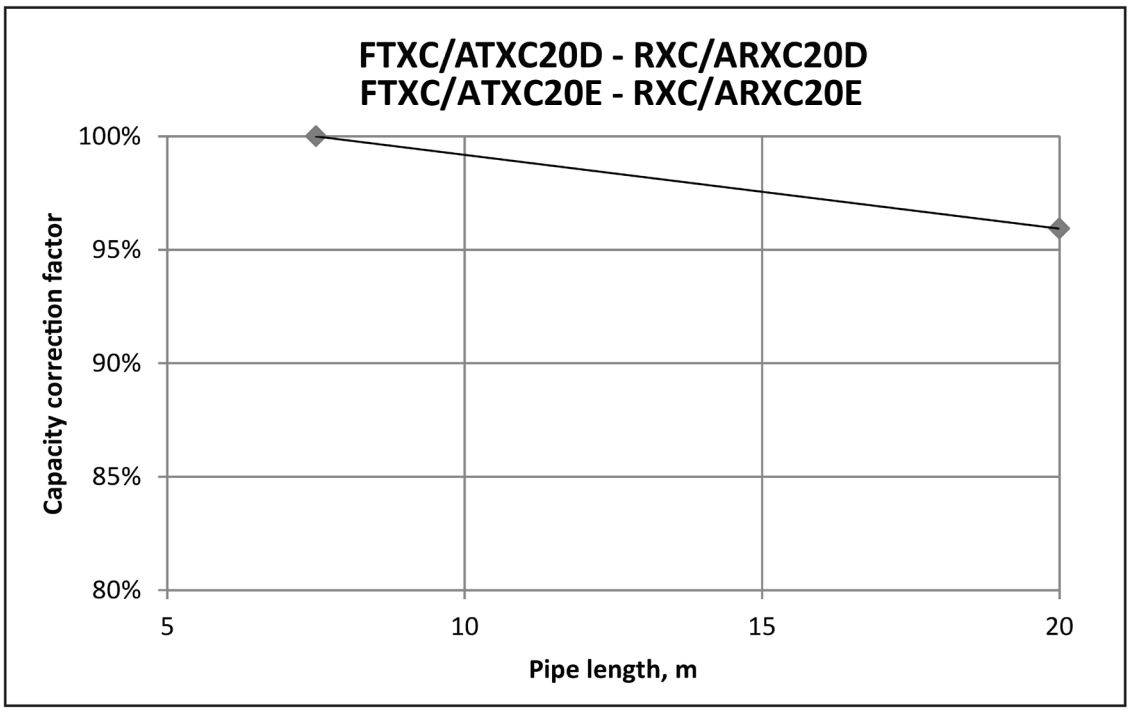
3D121397D

4 Capacity tables

4 - 2 Capacity Correction Factor

ARXC20E
RXC20E

R32 COOLING



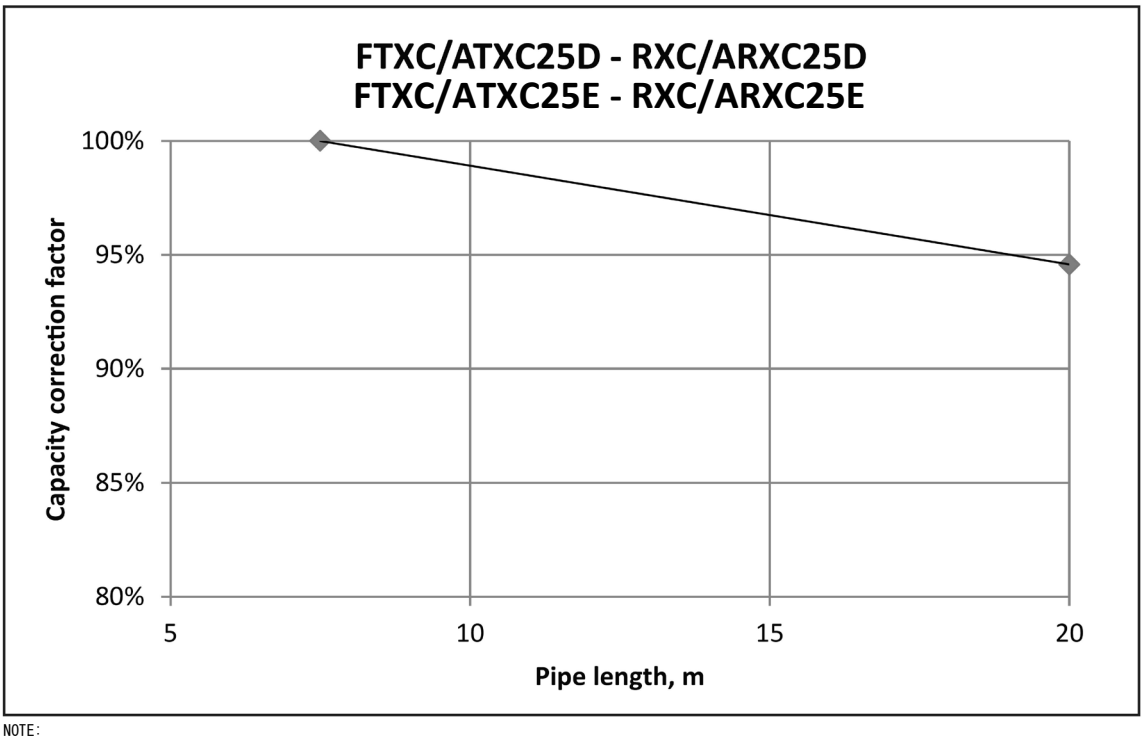
NOTE:

1) ———— LINE:CORRECTION RATIO FOR COOLING CAPACITY.
2) THE CORRECTION RATIO REMAINS THE SAME WHETHER THE OUTDOOR UNIT IS TO BE INSTALLED ABOVE OR BELOW THE INDOOR UNIT.
3) CALCULATION METHOD FOR COOLING CAPACITY.
CAPACITY = COOLING CAPACITY OBTAINED FROM THE CAPACITY TABLE × COOLING CAPACITY CORRECTION RATIO.

3D140616A

ARXC25E
RXC25E

R32 COOLING



NOTE:

1) LINE:CORRECTION RATIO FOR COOLING CAPACITY.
2) THE CORRECTION RATIO REMAINS THE SAME WHETHER THE OUTDOOR UNIT IS TO BE INSTALLED ABOVE OR BELOW THE INDOOR UNIT.
3) CALCULATION METHOD FOR COOLING CAPACITY.
CAPACITY = COOLING CAPACITY OBTAINED FROM THE CAPACITY TABLE × COOLING CAPACITY CORRECTION RATIO.

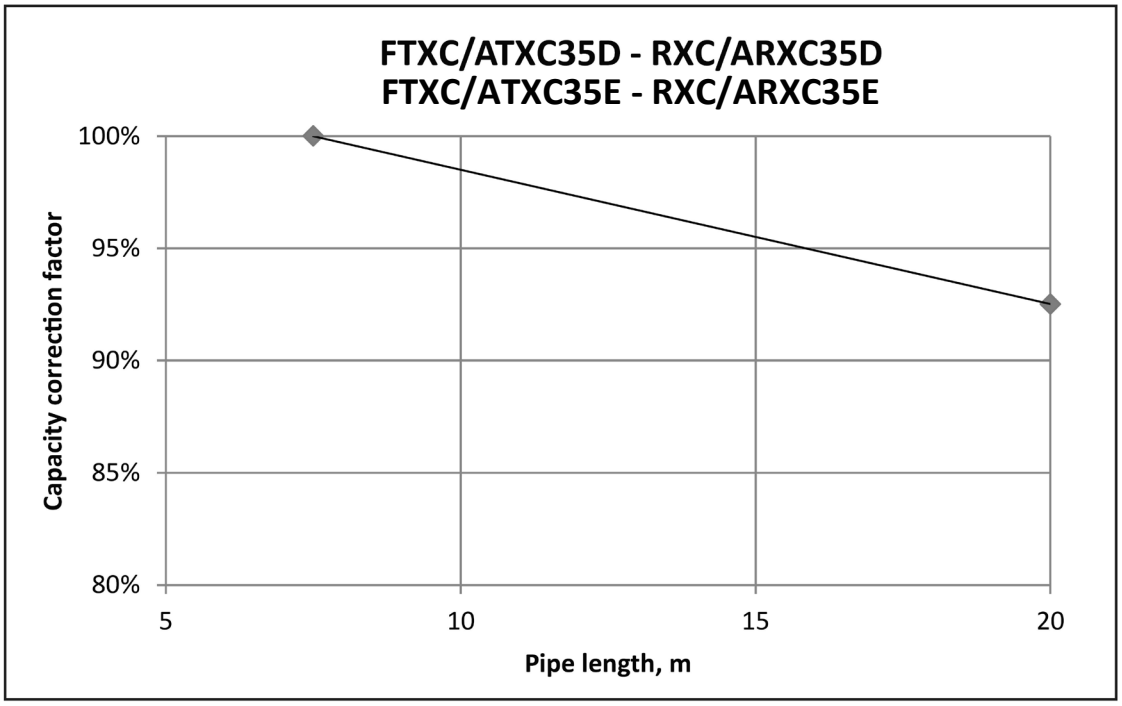
3D140618B

4 Capacity tables

4 - 2 Capacity Correction Factor

ARXC35E
RXC35E

R32 COOLING



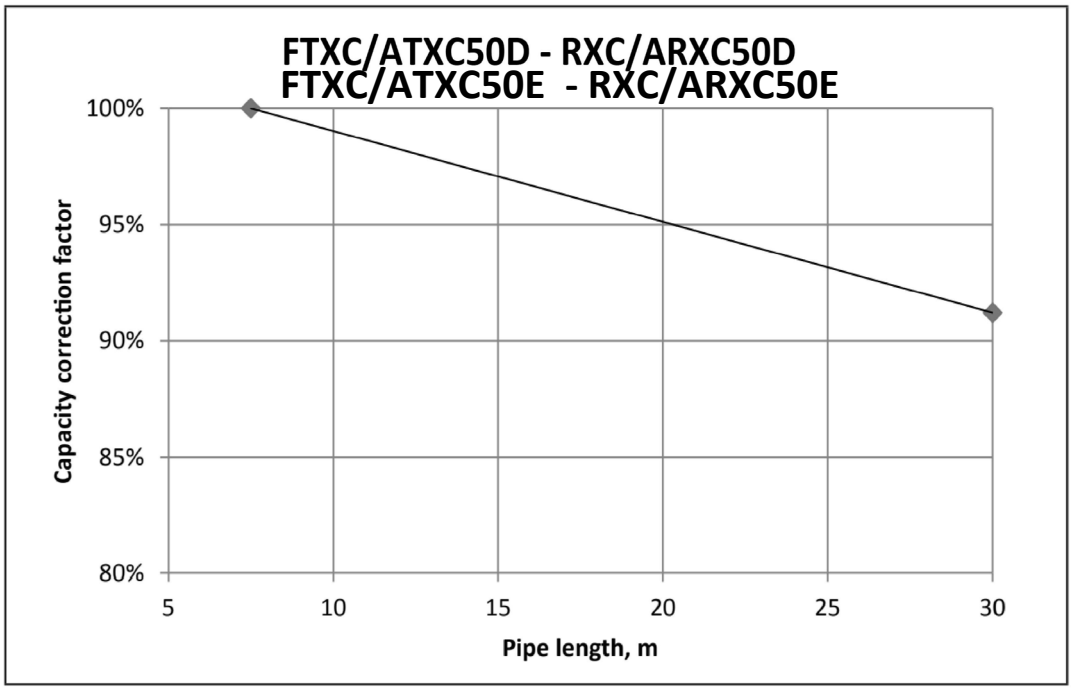
NOTE:

1) LINE:CORRECTION RATIO FOR COOLING CAPACITY.
2) THE CORRECTION RATIO REMAINS THE SAME WHETHER THE OUTDOOR UNIT IS TO BE INSTALLED ABOVE OR BELOW THE INDOOR UNIT.
3) CALCULATION METHOD FOR COOLING CAPACITY.
CAPACITY = COOLING CAPACITY OBTAINED FROM THE CAPACITY TABLE × COOLING CAPACITY CORRECTION RATIO.

3D140617B

ARXC50E
RXC50E

R32 COOLING



NOTE:

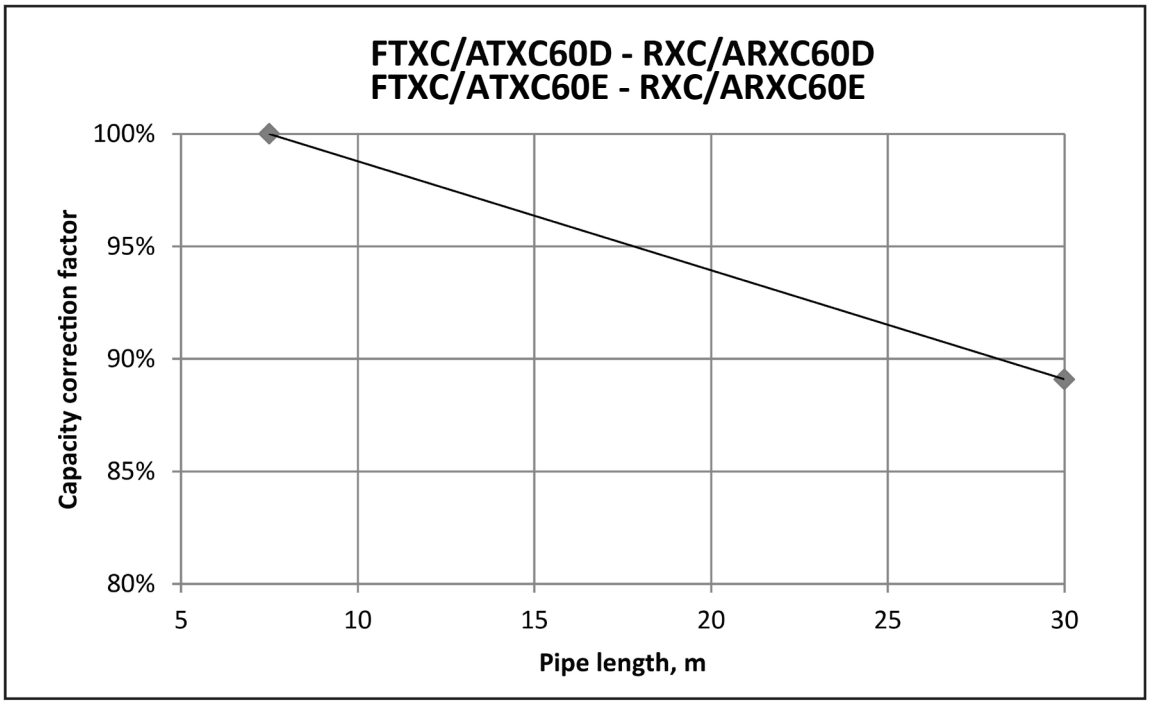
1) ———— LINE:CORRECTION RATIO FOR COOLING CAPACITY.
2) THE CORRECTION RATIO REMAINS THE SAME WHETHER THE OUTDOOR UNIT IS TO BE INSTALLED ABOVE OR BELOW THE INDOOR UNIT.
3) CALCULATION METHOD FOR COOLING CAPACITY.
CAPACITY = COOLING CAPACITY OBTAINED FROM THE CAPACITY TABLE × COOLING CAPACITY CORRECTION RATIO.

3D140624C

4 Capacity tables

4 - 2 Capacity Correction Factor

ARXC60E
RXC60E R32 COOLING

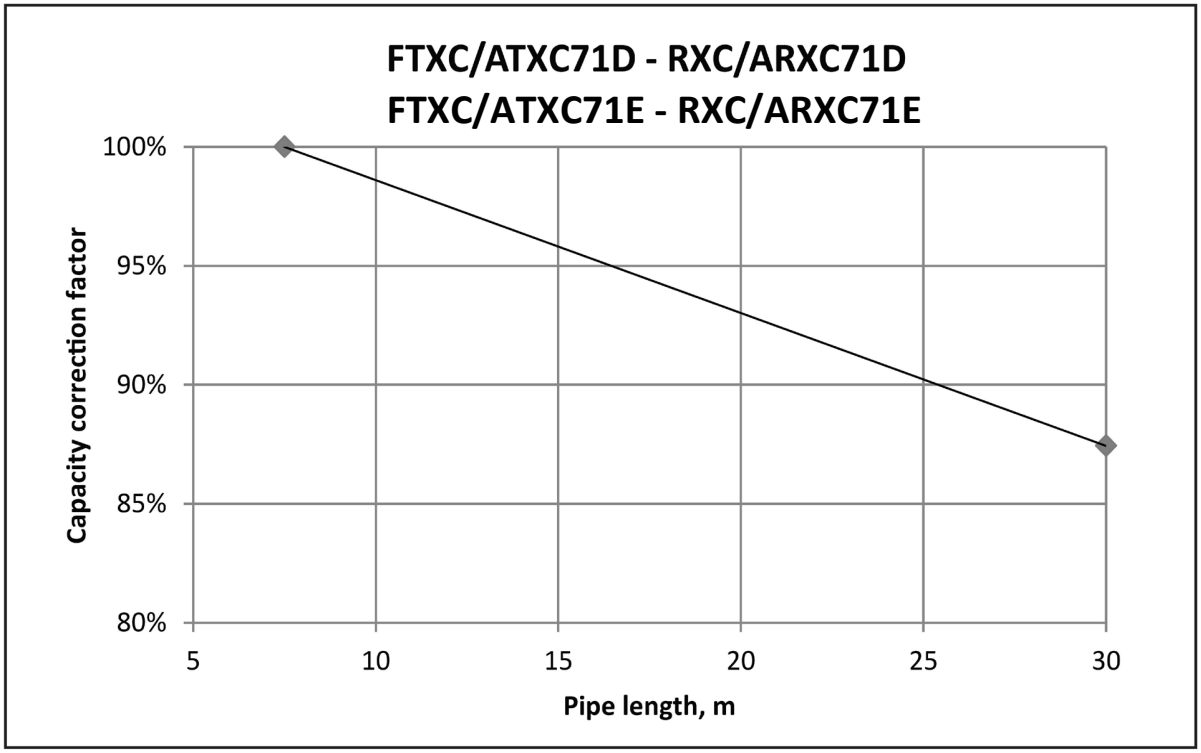


NOTE:

1) ——— LINE:CORRECTION RATIO FOR COOLING CAPACITY.
2) THE CORRECTION RATIO REMAINS THE SAME WHETHER THE OUTDOOR UNIT IS TO BE INSTALLED ABOVE OR BELOW THE INDOOR UNIT.
3) CALCULATION METHOD FOR COOLING CAPACITY.
CAPACITY = COOLING CAPACITY OBTAINED FROM THE CAPACITY TABLE × COOLING CAPACITY CORRECTION RATIO.

3D140660A

ARXC71E
RXC71E R32 COOLING



NOTE:

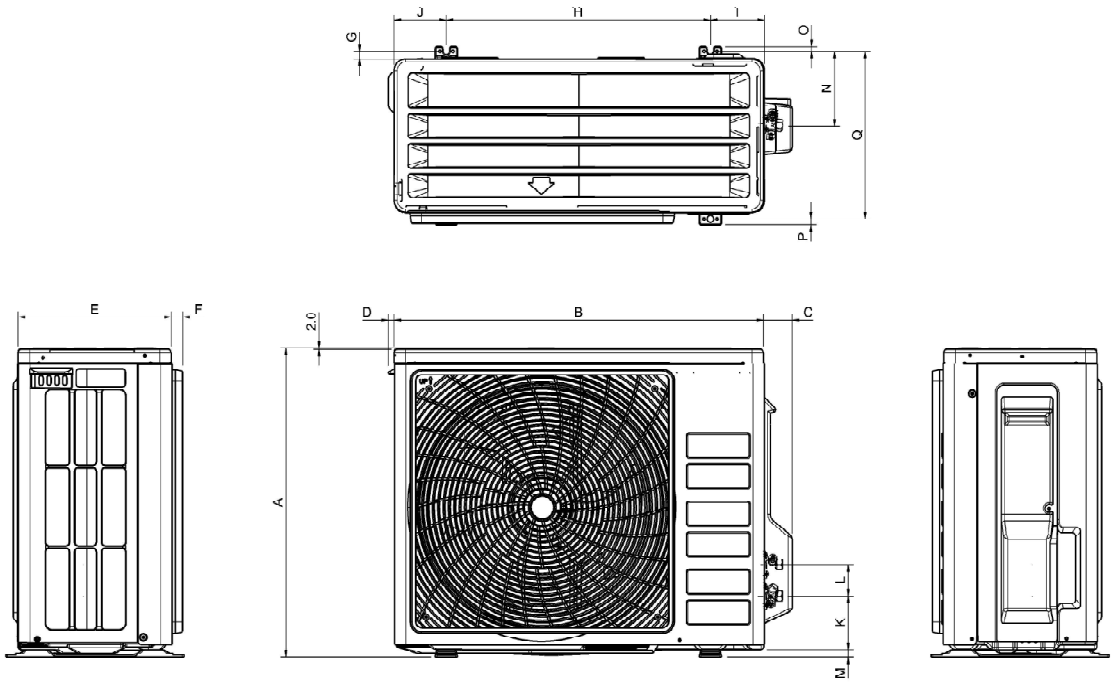
1) LINE:CORRECTION RATIO FOR COOLING CAPACITY.
2) THE CORRECTION RATIO REMAINS THE SAME WHETHER THE OUTDOOR UNIT IS TO BE INSTALLED ABOVE OR BELOW THE INDOOR UNIT.
3) CALCULATION METHOD FOR COOLING CAPACITY.
CAPACITY = COOLING CAPACITY OBTAINED FROM THE CAPACITY TABLE × COOLING CAPACITY CORRECTION RATIO.

3D140661B

5 Dimensional drawings

5 - 1 Dimensional Drawings

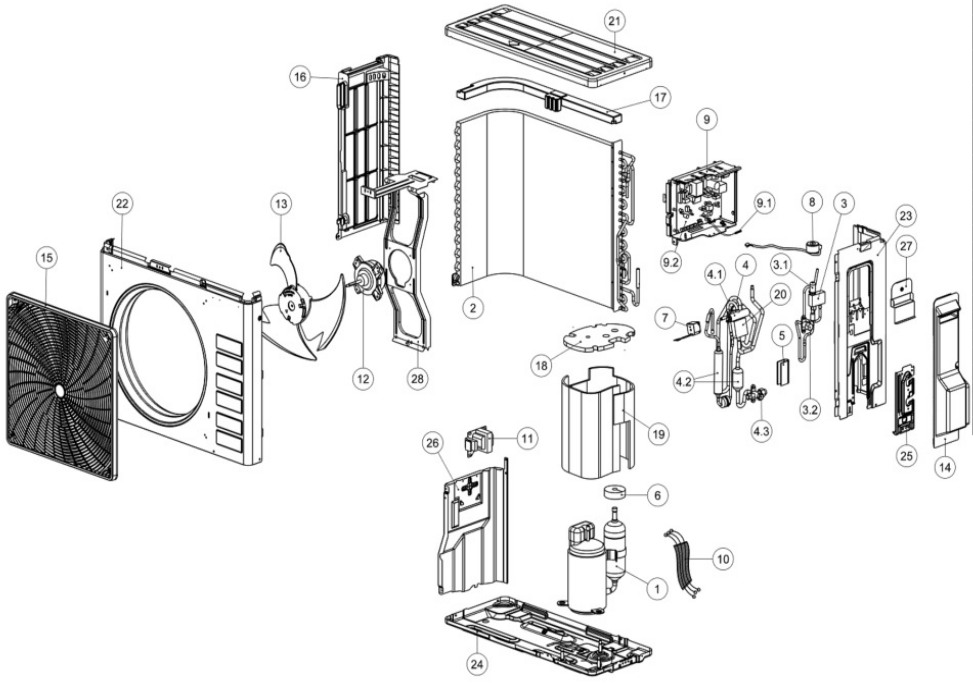
RXC20-35E
ARXC20-35E



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
3SLY 10/15 FR	550	658	51	11	273	20	14	470	96	93	94	60	14	133	8	10	299

R70014157623

ARXC20-35E
RXC20-35E



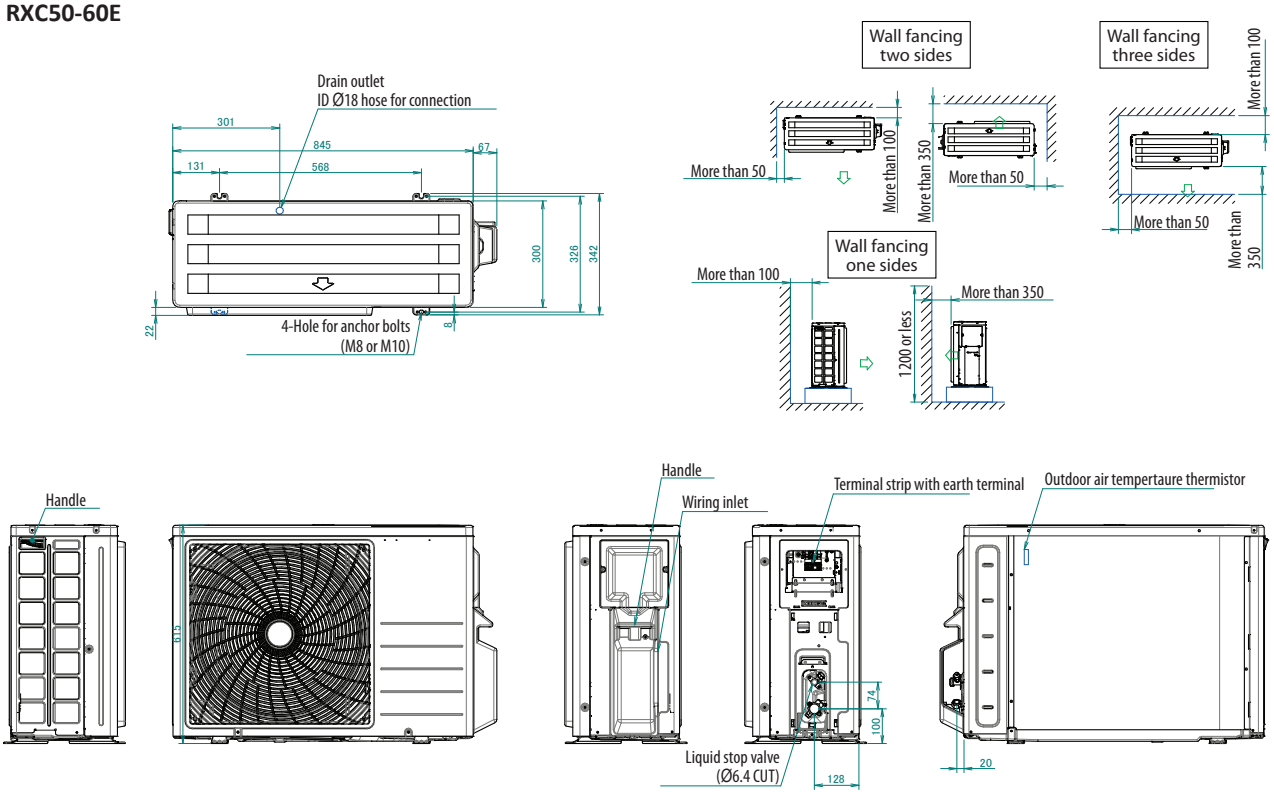
No	Description
1	Compressor
2	Terminal cover
3	Overload relay mounting plate
4	Heat exchanger assy
5	Gas stop valve assy
6	Liquid stop valve assy
7	Motor operated valve assy
8	Four way valve assy
9	Four way valve coil assy
10	El. compo. assy
10.1	Control module
10.2	Outdoor thermistor
10.3	Harness wire
11	Wire harness (compressor)
12	Motor operated valve coil
13	DC fan motor
14	Propeller fan assy
15	Bottom frame assy
16	Top plate assy
17	Right side plate
18	Left side plate
19	Front plate assy
20	Sound insulation (sleeve)
21	Sound insulation (top)
22	Partition plate
23	Fan motor stand assy
24	Stop valve cover
25	Stop valve mounting plate
26	Service cover assy
27	Disch. grille
28	Rubber grommet

R70024164105

5 Dimensional drawings

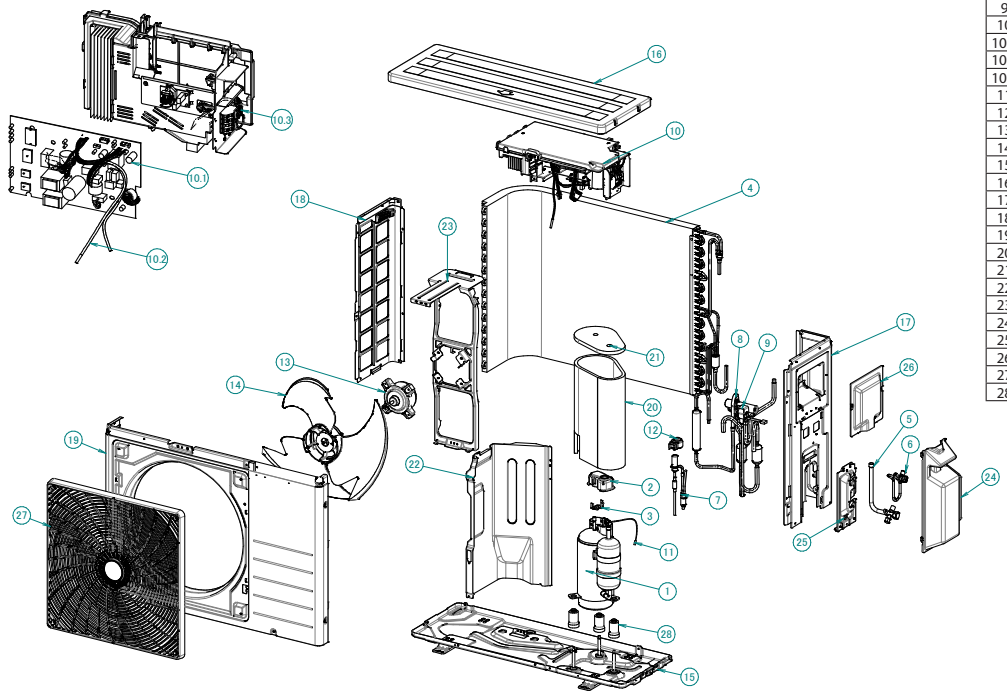
5 - 1 Dimensional Drawings

ARXC50-60E
RXC50-60E



3D117130N

ARXC50-60E
RXC50-60E



No	Description
1	Compressor
2	Terminal cover
3	Overload relay mounting plate
4	Heat exchanger assy
5	Gas stop valve assy
6	Liquid stop valve assy
7	Motor operated valve assy
8	Four way valve assy
9	Four way valve coil assy
10	El. compo. assy
10.1	Control module
10.2	Outdoor thermistor
10.3	Harness wire
11	Wire harness (compressor)
12	Motor operated valve coil
13	DC fan motor
14	Propeller fan assy
15	Bottom frame assy
16	Top plate assy
17	Right side plate
18	Left side plate
19	Front plate assy
20	Sound insulation (sleeve)
21	Sound insulation (top)
22	Partition plate
23	Fan motor stand assy
24	Stop valve cover
25	Stop valve mounting plate
26	Service cover assy
27	Disch. grille
28	Rubber grommet

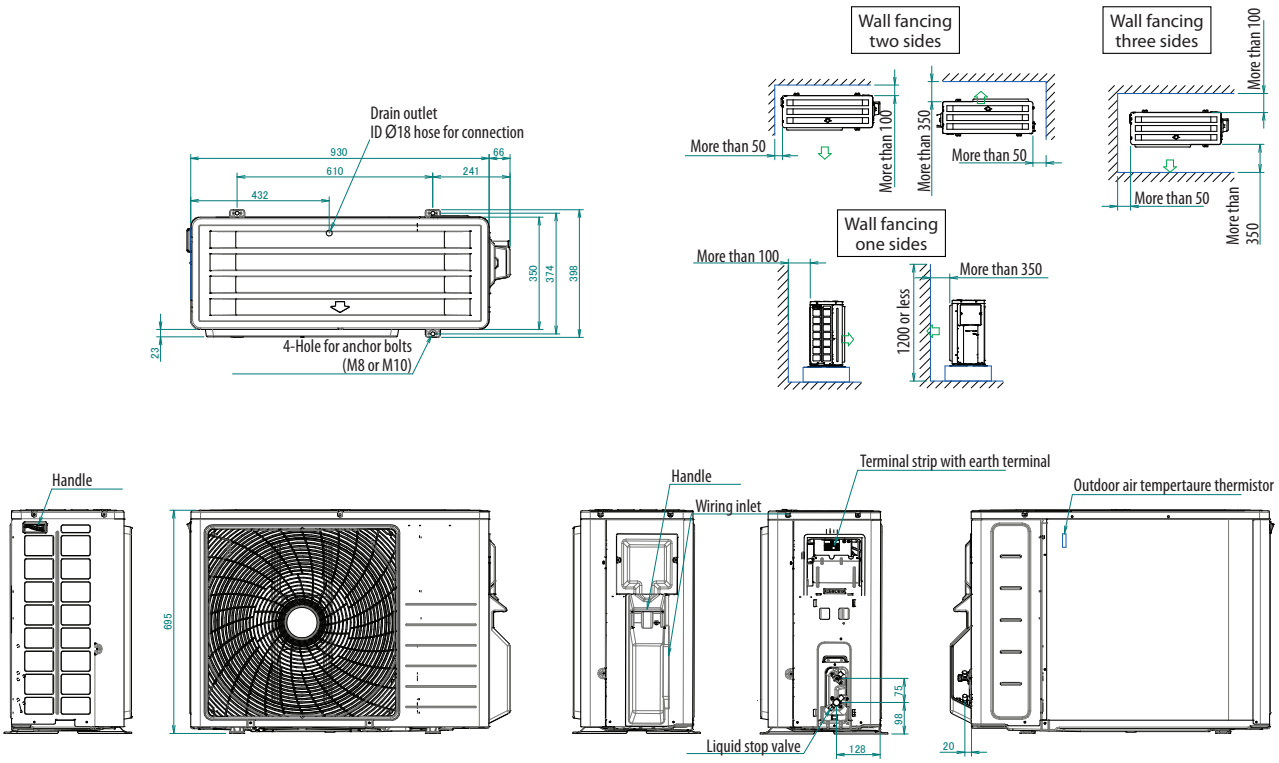
3D120767C

5 Dimensional drawings

5 - 1 Dimensional Drawings

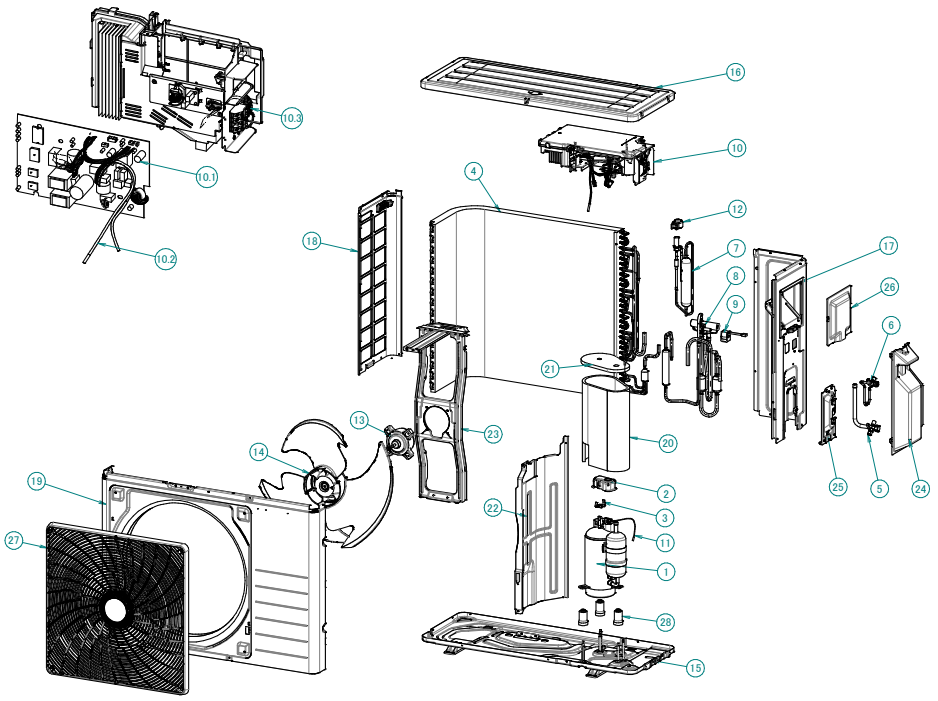
5

ARXC71E
RXC71E



3D121403L

ARXC71E
RXC71E



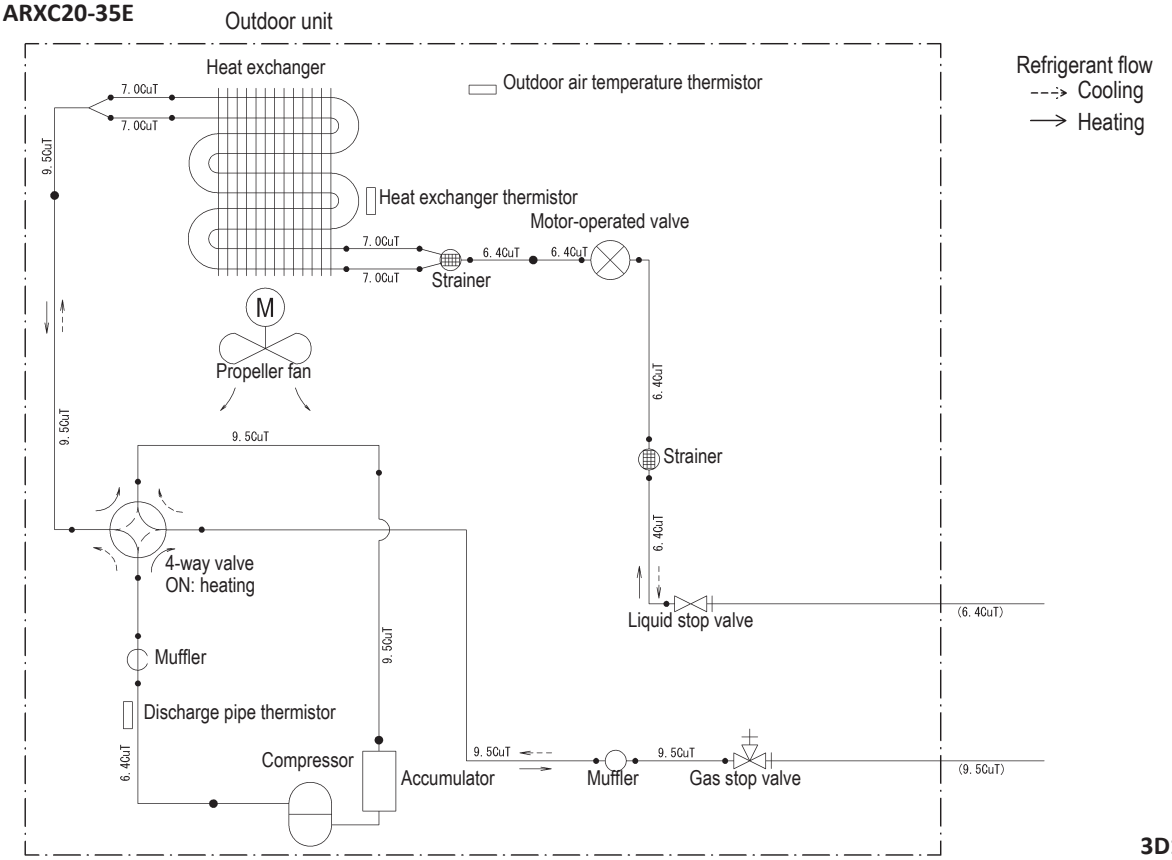
No	Description
1	Compressor
2	Terminal cover
3	Overload relay mounting plate
4	Heat exchanger assy
5	Gas stop valve assy
6	Liquid stop valve assy
7	Motor operated valve assy
8	Four way valve assy
9	Four way valve coil assy
10	El. compo. assy
10.1	Control module
10.2	Outdoor thermistor
10.3	Harness wire
11	Wire harness (compressor)
12	Motor operated valve coil
13	DC fan motor
14	Propeller fan assy
15	Bottom frame assy
16	Top plate assy
17	Right side plate
18	Left side plate
19	Front plate assy
20	Sound insulation (sleeve)
21	Sound insulation (top)
22	Partition plate
23	Fan motor stand assy
24	Stop valve cover
25	Stop valve mounting plate
26	Service cover assy
27	Disch. grille
28	Rubber grommet

3D120856C

6 Piping diagrams

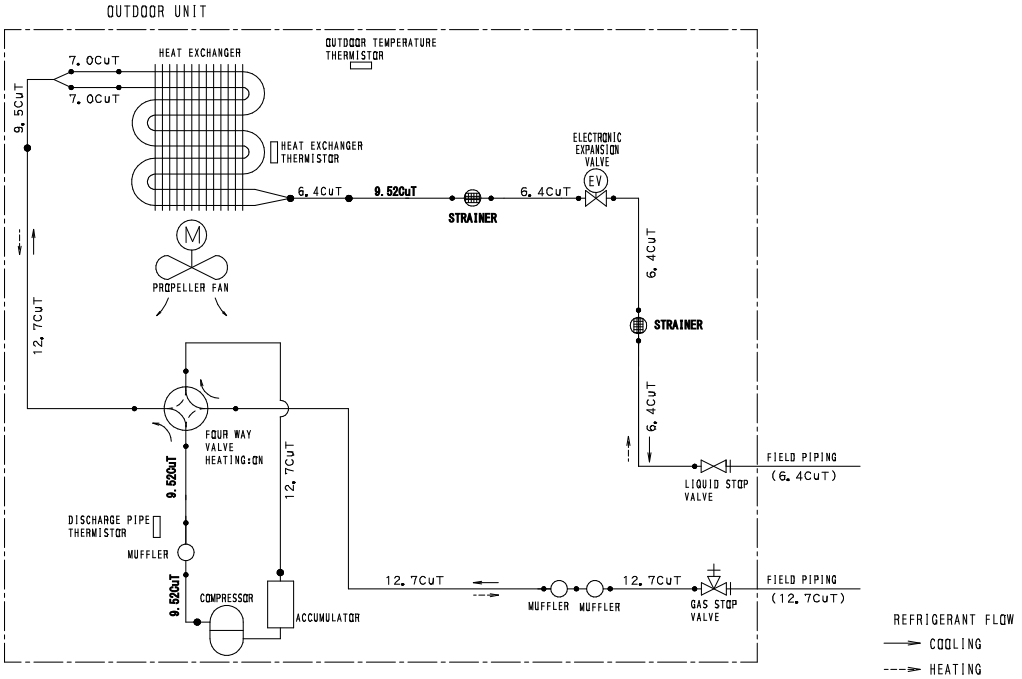
6 - 1 Piping Diagrams

RXC20-35E
ARXC20-35E



3D120828D

ARXC50-60E
RXC50-60E

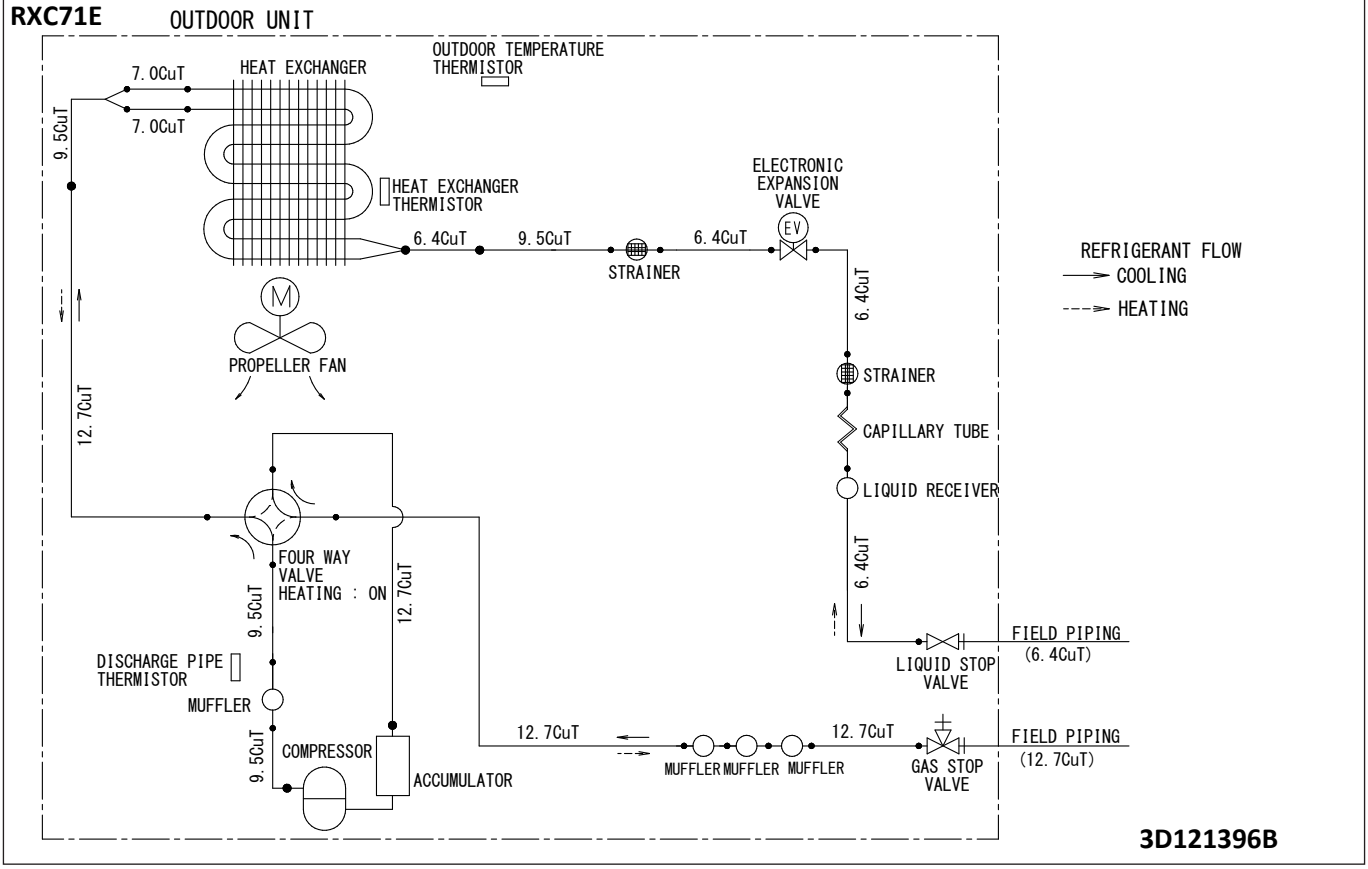


3D120827D

6 Piping diagrams

6 - 1 Piping Diagrams

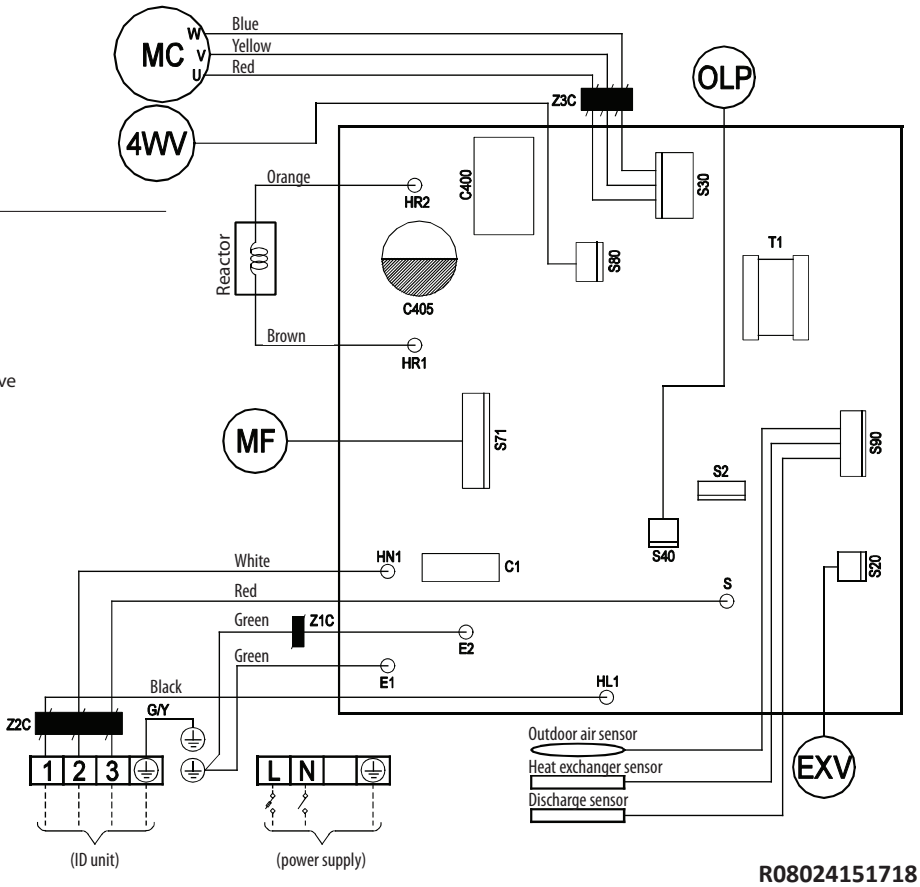
ARXC71E
RXC71E



7 Wiring diagrams

7 - 1 Wiring Diagrams - Three Phase

ARXC20-35E
RXC20-35E

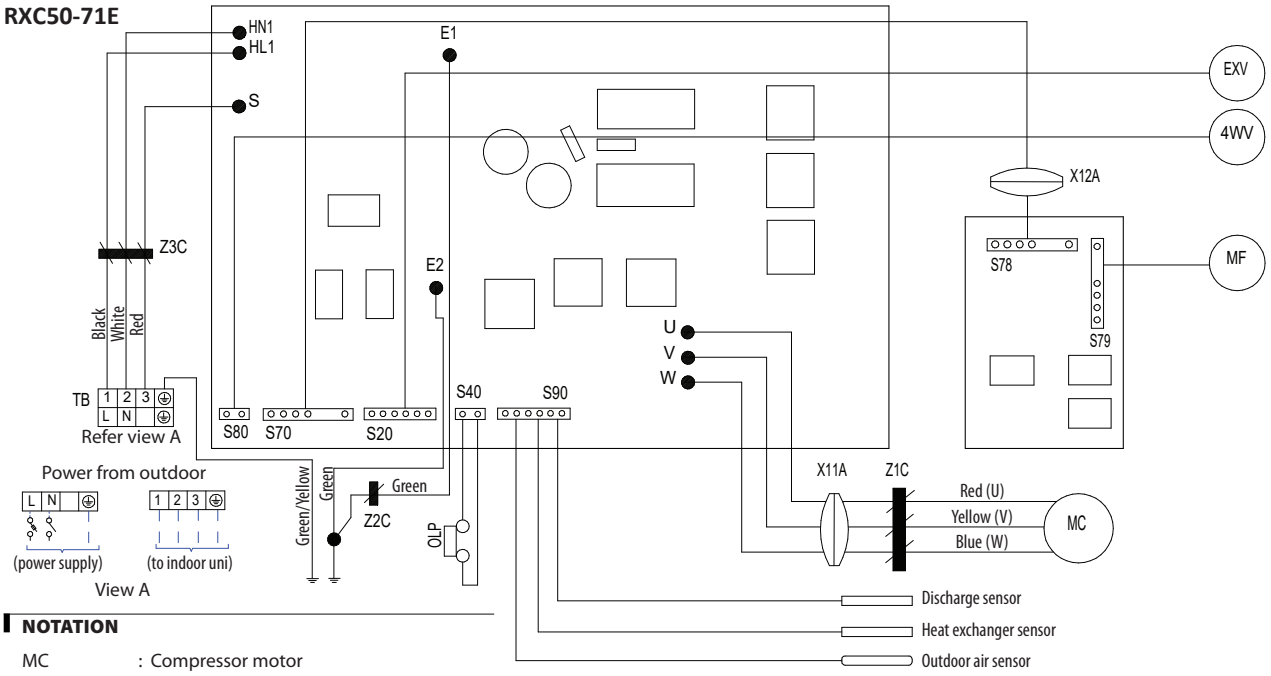


NOTATION

MF	:	Fan motor
MC	:	Compressor motor
OLP	:	Overload protector
Z1C, Z2C, Z3C	:	Ferrite core
ID	:	Indoor
EXV	:	Electronic expansion valve
4WV	:	Four way valve
_ _ _ _	:	Field supply wiring

R08024151718

ARXC50-71E
RXC50-71E



NOTATION

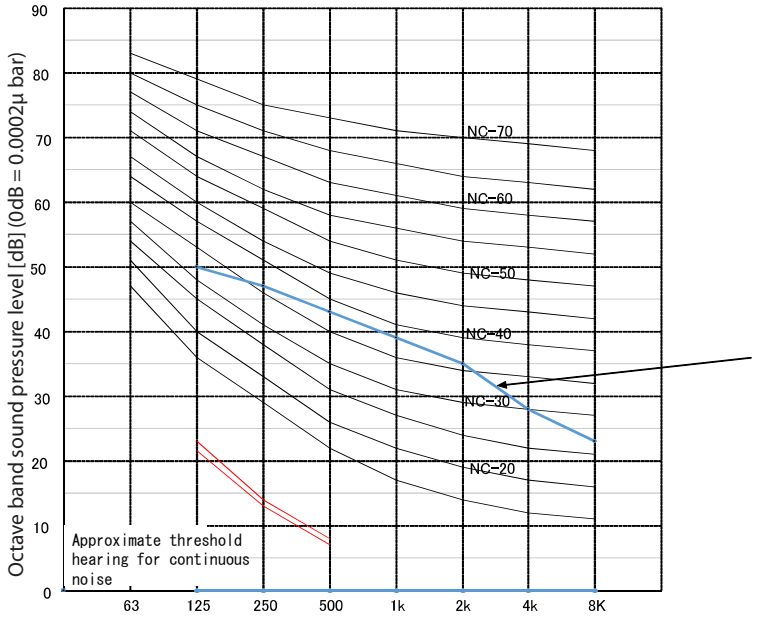
MC	:	Compressor motor
MF	:	Fan motor
OLP	:	Overload protector
TB	:	Terminal block
EXV	:	Electronic expansion valve coil
X11A, X12A	:	Connector
Z1C, Z2C, Z3C	:	Ferrite core
4WV	:	Four way valve
_ _ _ _	:	Field supply wiring

3P552447B

8 Sound data

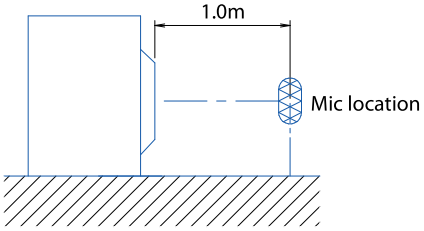
8 - 1 Sound Pressure Spectrum

ARXC20-25E
RXC20-25E



NOTES

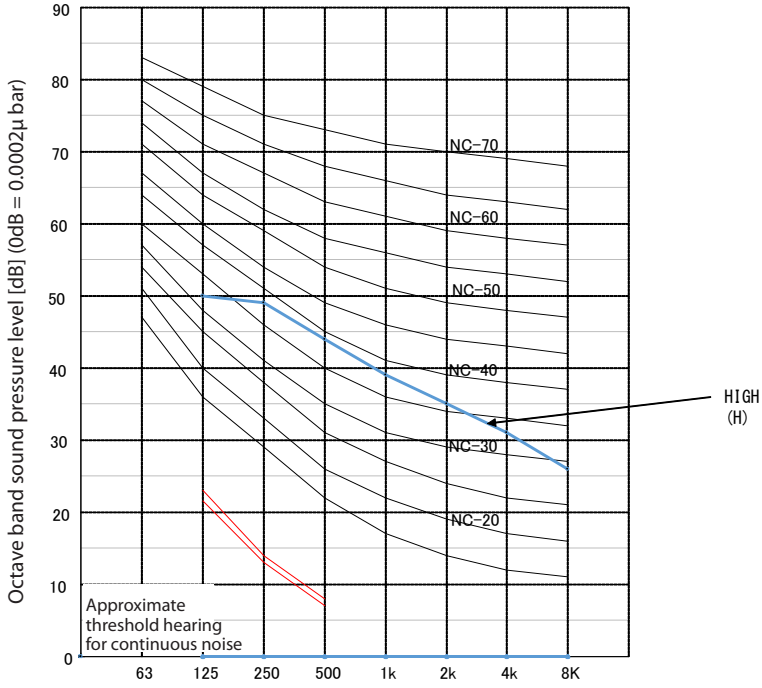
1. Measuring place
   Anechoic chamber
   Operation noise differs with operation and ambient conditions.
2. Operating conditions
   Power source: 220-240V 50Hz
3. Location of microphone.



Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	50	47	43	39	35	28	23	45	38

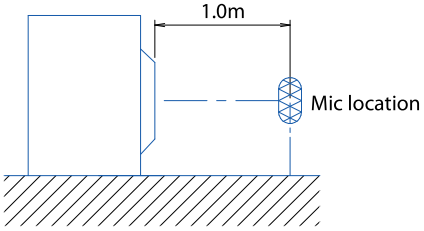
3D141724

ARXC35E
RXC35E



NOTES

1. Measuring place
   Anechoic chamber
   Operation noise differs with operation and ambient conditions.
2. Operating conditions
   Power source: 220-240V 50Hz
3. Location of microphone.



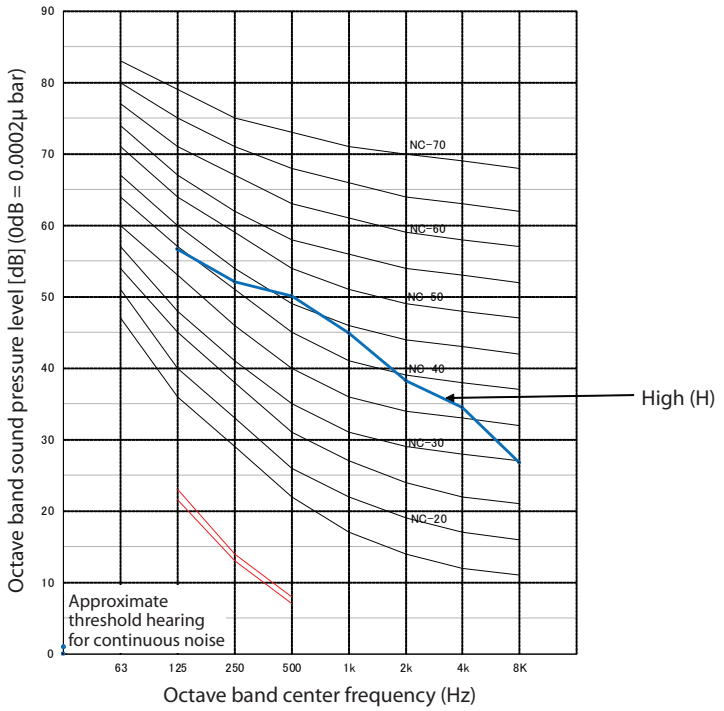
Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	50	49	44	39	35	31	26	46	39

3D141726

8 Sound data

8 - 1 Sound Pressure Spectrum

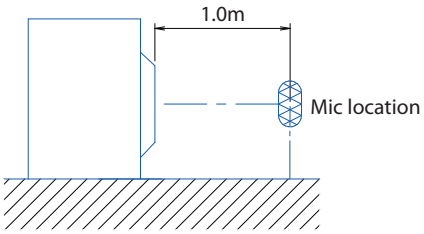
ARXC50E
RXC50E



Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	57	52	50	45	38	34	27	51	46

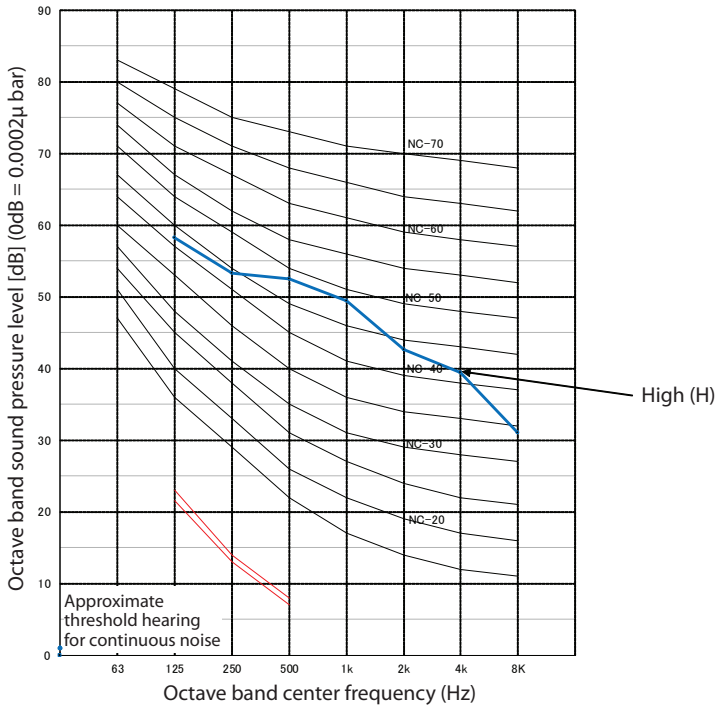
NOTES

1. Measuring place
   Anechoic chamber
   Operation noise differs with operation and ambient conditions.
2. Operating conditions
   Power source: 220-240V 50Hz
3. Location of microphone.



3D118144C

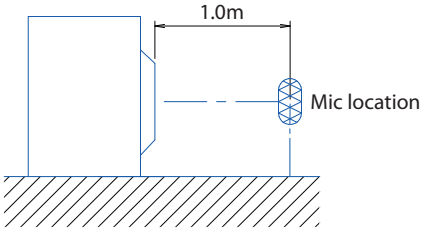
ARXC60E
RXC60E



Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	58	53	52	49	43	39	31	54	49

NOTES

1. Measuring place
   Anechoic chamber
   Operation noise differs with operation and ambient conditions.
2. Operating conditions
   Power source: 220-240V 50Hz
3. Location of microphone.

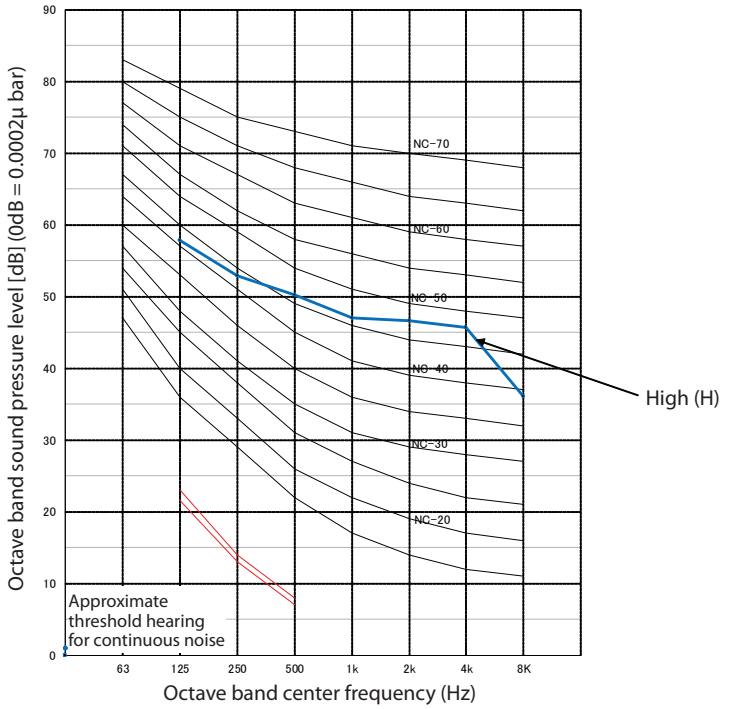


3D121139B

8 Sound data

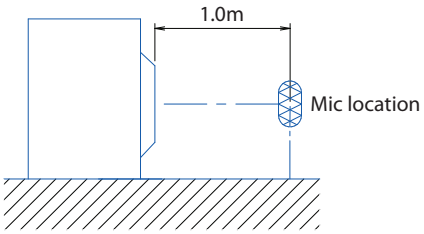
8 - 1 Sound Pressure Spectrum

ARXC71E
RXC71E



NOTES

1. Measuring place
   Anechoic chamber
   Operation noise differs with operation and ambient conditions.
2. Operating conditions
   Power source: 220-240V 50Hz
3. Location of microphone.



Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	58	53	50	47	47	46	36	54	48

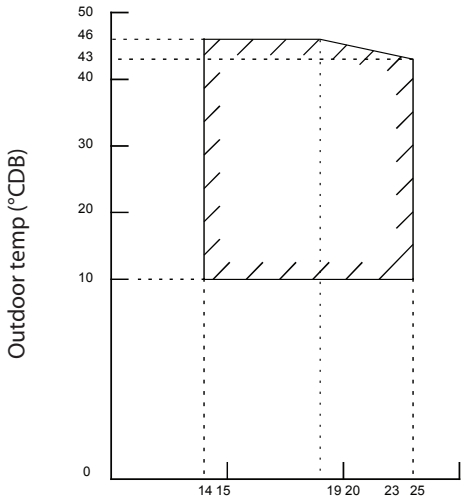
3D121445B

9 Operation range

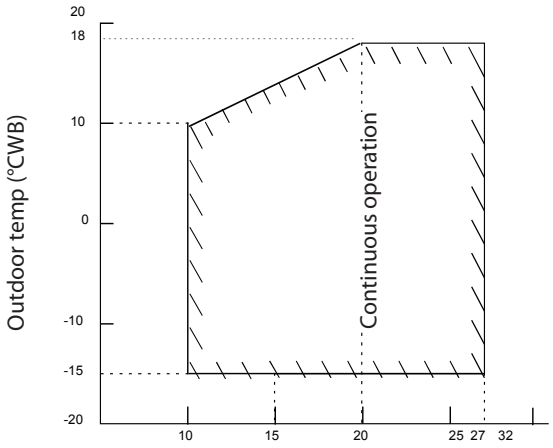
9 - 1 Operation Range

RXC20-35D
ARXC20-35D

Cooling



Heating

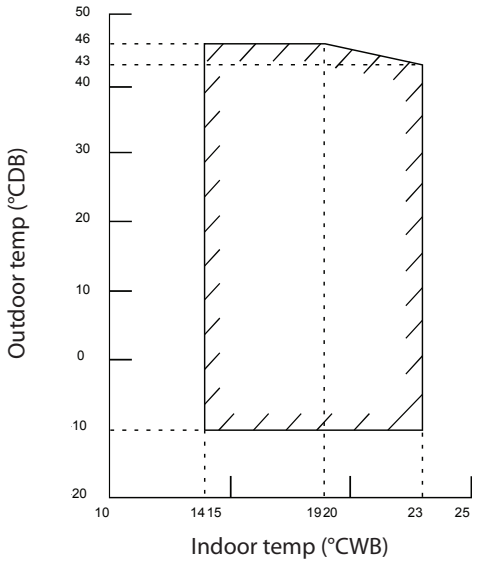


DB: Dry bulb WB: Wet bulb

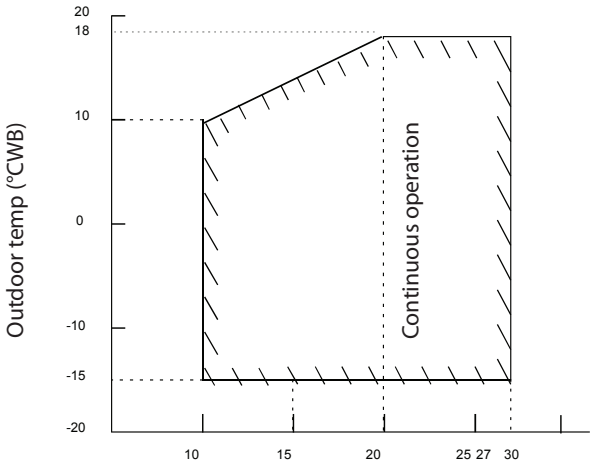
3P621327-2E / 3P622386-2E

RXC50-71D
ARXC50-71D

Cooling



Heating



DB: Dry bulb WB: Wet bulb

3P621327-2E / 3P622386-2E

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)

EEDEN25 03/2025

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

2 Specifications

2 - 1 Specifications

Technical specifications				FDXM50F9 + RXM50A8
Cooling capacity	Nom.		kW	5
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
Heating capacity	Nom.		kW	5.8
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
Power input	Cooling	Nom.	kW	1.67
	Heating	Nom.	kW	1.94
Nominal efficiency	EER			3
	COP			2.99
	Annual energy consumption		kWh	833
	Energy labeling Directive	Cooling		C
		Heating		D
Space cooling	Energy efficiency class			A+
	Capacity	Pdesign	kW	5
	SEER			5.7
	Annual energy consumption		kWh/a	307
Space heating (Average climate)	Capacity	Pdesign	kW	4
	Energy efficiency class			A
	SCOP/A			3.89
	SCOPnet/A			3.95
	Pdh Heating capacity at -10°		kW	3.11
	Annual energy consumption		kWh/a	1,440
	Required back up heating cap at design conditions		kW	0.89
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.16
	Energy efficiency class			A+
	SCOP			4.31
	SCOPnet			4.55
	Annual energy consumption		kWh/a	702
	Required back up heating cap at design conditions		kW	0
Space cooling	A Condition	Pdc	kW	5
	(35°C - 27/19)	EERd		3
		Power input	kW	1.67
	B Condition	Pdc	kW	3.69
	(30°C - 27/19)	EERd		4.8
		Power input	kW	0.77
Space cooling	C Condition	Pdc	kW	2.37
	(25°C - 27/19)	EERd		7.33
		Power input	kW	0.32
	D Condition	Pdc	kW	1.8
	(20°C - 27/19)	EERd		9.91
		Power input	kW	0.18

2 Specifications

2 - 1 Specifications

Technical specifications					FDXM50F9 + RXM50A8
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			2.88
		Power input		kW	1.23
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			2.88
		Power input		kW	1.23
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			3.99
		Power input		kW	0.54
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.39
		COPd (declared COP)			4.52
		Power input		kW	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.56
		COPd (declared COP)			5.49
		Power input		kW	0.28
	E condition (-10°C)	Pdh (declared heating cap)		kW	3.11
		COPd (declared COP)			2.68
		Power input		kW	1.16
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			3.99
		Power input		kW	0.54
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			3.99
		Power input		kW	0.54
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.39
		COPd (declared COP)			4.52
		Power input		kW	0.31
Space heating (Warm climate)	D Condition (12°C)	Pdh (declared heating cap)		kW	1.56
		COPd (declared COP)			5.49
		Power input		kW	0.28
	E condition (2°C)	Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			3.99
		Power input		kW	0.54
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	8
	Standby mode	Cooling	PSB	W	8
		Heating	PSB	W	8
	Thermo-stat-off mode	PTO	Cooling	W	45
			Heating	W	50
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Piping length	Cooling	Measuring condition	m	5

Electrical specifications				FDXM50F9 + RXM50A8
Power factor	Nominal	Cooling	%	98.67
		Heating	%	99.02
Current	Nominal running current (RLA)	Cooling	A	7.4
	Nominal running current (RLA) - 50Hz	Heating	A	8.6
Current - 50Hz	Maximum fuse amps (MFA)		A	13

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data