



Air Conditioning Technical Data

Floor standing unit



EEDEN14-204

FXLQ-P

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FXLQ-P

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1 Features

- Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011)
- Unit can be installed as free standing model by use of optional back plate
- Its low height enables the unit to fit perfectly beneath a window
- Requires very little installation space
- Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate
- Wired remote control can easily be integrated in the unit

1



Inverter



Home leave operation



Fan only



Auto cooling-heating changeover



Fan speed steps



Dry programme



Air filter



Weekly timer



Infrared remote control



Wired remote control



Centralised control



Auto-restart



Self diagnosis



Multi tenant

2 Specifications

2-1 Technical Specifications					FXLQ20P7VEB	FXLQ25P7VEB	FXLQ32P7VEB	FXLQ40P7VEB	FXLQ50P7VEB	FXLQ63P7VEB
Cooling capacity	Nom.			kW	2.2 (1)	2.8 (1)	3.6 (1)	4.5 (1)	5.6 (1)	7.1 (1)
Heating capacity	Nom.			kW	2.5 (2)	3.2 (2)	4.0 (2)	5.0 (2)	6.3 (2)	8.000 (2)
Power input - 50Hz	Cooling	Nom.	kW	0.049 (1)		0.090 (1)		0.110 (1)		
	Heating	Nom.	kW	0.049 (2)		0.090 (2)		0.110 (2)		
Power input - 60Hz	Cooling	Nom.	kW	0.047 (1)		0.079 (1)	0.084 (1)	0.105 (1)	0 (1)	
	Heating	Nom.	kW	0.047 (2)		0.079 (2)	0.084 (2)	0.105 (2)	0 (2)	
Casing	Colour				Fresh white (RAL9010) / Dark grey (RAL7011)					
Dimensions	Unit	Height	mm	600						
		Width	mm	1,000		1,140		1,420		
		Depth	mm	232						
	Packed unit	Height	mm	720						
		Width	mm	1,130		1,270		1,650		
		Depth	mm	350						
Weight	Unit			kg	27		32		38	
	Packed unit			kg	32		37		43	
Heat exchanger	Rows	Quantity			3					
	Fin pitch			mm	1.5					
	Face area			m²	0.159		0.200		0.282	
	Stages	Quantity			14					
	Fin	Type			Cross fin coil					
Fan	Type				Sirocco fan					
	Air flow rate - 50Hz	Cooling	High	m³/min	7		8	11	14	16
			Low	m³/min	6		8.5		11	12
	Air flow rate - 60Hz	Cooling	High	m³/min	7		8	11	14	16
			Low	m³/min	6		8.5		11	12
Fan motor	Output	High	W	15		25		35		
	Drive			Direct drive						
Sound pressure level	Cooling	High	dBA	35				38	39	40
		Low	dBA	32				33	34	35
Refrigerant	Type				R-410A					
	Control				Electronic expansion valve					
Piping connections	Liquid	Type			Flare connection					
		OD	mm	6.35					9.52	
	Gas	Type			Flare connection					
		OD	mm	12.7					15.9	
	Heat insulation				Glass Fiber/Urethane Foam					
	Sound absorbing insulation				Glass fiber / Urethane foam					
Temperature control					Microprocessor thermostat for cooling and heating					
Air filter					Resin net					
Safety devices	Item	01			Fuse					
		02			Fan motor thermal protection					

2-2 Electrical Specifications				FXLQ20P7VEB	FXLQ25P7VEB	FXLQ32P7VEB	FXLQ40P7VEB	FXLQ50P7VEB	FXLQ63P7VEB
Power supply	Name			VE					
	Phase			1~					
	Frequency		Hz	50/60					
	Voltage		V	220-240/220					
Voltage range	Min.		%	-10					
	Max.		%	10					
Current - 50Hz	Minimum circuit amps (MCA)		A	0.3		0.6			
	Maximum fuse amps (MFA)		A	15					
	Full load amps (FLA)	Total	A	0.2		0.5			
Current - 60Hz	Minimum circuit amps (MCA)		A	0.3		0.5		0.6	
	Maximum fuse amps (MFA)		A	15					
	Full load amps (FLA)	Total	A	0.2		0.4		0.5	

2 Specifications

Notes

- (1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal)
- (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m (horizontal)
- (3) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- (4) Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
- (5) Maximum allowable voltage range variation between phases is 2%.
- (6) MCA/MFA: $MCA = 1.25 \times FLA$
- (7) $MFA \leq 4 \times FLA$
- (8) Next lower standard fuse rating minimum 15A
- (9) Select wire size based on the value of MCA
- (10) Instead of a fuse, use a circuit breaker

3 Safety device settings

3 - 1 Safety Device Settings

FXLQ-P		FXLQ20P	FXLQ25P	FXLQ32P	FXLQ40P	FXLQ50P	FXLQ63P
PC BOARD FUSE		250V 5A					
FAN MOTOR THERMAL PROTECTOR	°C	OFF: 135 ^{±10} / ON: 120 or less					

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4 Options

4 - 1 Options

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FXLQ-P

Item		Type	FXLQ20,25P	FXLQ32,40P	FXLQ50,63P
Remote control	Wired type		BRC1D52 / BRC1E51A*2 BRC1E52A7 *3 / BRC1E52B7 *4		
	Infrared type	HP	BRC4C65		
		CO	BRC4C66		
Simplified remote control			BRC2A51		
Remote control for hotel use			BRC3A61		
Adapter for wiring			KRP1B61		
Wiring adapter for electrical appendices (1)			KRP2A51		
Wiring adapter for electrical appendices (2)			KRP4A51		
Remote sensor			KRCS01-1		
Central remote control			DCS301BA51		
Electrical box with earth terminal (3 blocks)			KJB311A		
Unified ON/OFF controller			DCS301BA51		
Electrical box with earth terminal (2 blocks)			KJB212A		
Noise filter (for electromagnetic interface use only)			KEK26-1		
Schedule timer			DST301BA51		
External adapter for outdoor unit (installation on indoor unit)			DTA104A61		
Long life replacement filter			KAFJ361K28	KAFJ361K45	KAFJ361K71
Rear decoration panel			EKRDP25A	EKRDP40A	EKRDP63A
Multi tenant *1			EKMTAC		

NOTES

1. This kit contains parts to connect with 10 multi tenant indoor units
2. Included languages are: English, German, French, Dutch, Spanish, Italian, Greek, Portuguese, Russian and Turkish
3. Included languages are: English, German, French, Dutch, Spanish, Italian, Greek, Portuguese, Russian, Turkish and Polish
4. Included languages are: English, German, Albanian, Bulgarian, Croatian, Czech, Hungarian, Romanian, Serbian, Slovak and Slovenian

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5 Capacity tables

5 - 1 Cooling Capacity Tables

FXLQ-P

TC: Total capacity; kW
SHC: Sensible heat capacity; kW

Unit size	Indoor air temp.													
	14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
	20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.6	2.4	1.5
25	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	3.0	2.1	3.0	2.0	3.1	1.9
32	2.4	2.1	2.9	2.2	3.4	2.5	3.6	2.5	3.8	2.5	3.9	2.4	4.0	2.3
40	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.7	3.2	4.9	3.1	5.0	2.9
50	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.9	4.0	6.0	3.8	6.2	3.6
63	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.5	4.9	7.7	4.7	7.8	4.3

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5 Capacity tables

5 - 2 Heating Capacity Tables

FXLQ-P

Unit size	Indoor air temp. °CDB					
	16.0	18.0	20.0	21.0	22.0	24.0
	kW	kW	kW	kW	kW	kW
20	2.6	2.6	2.5	2.4	2.3	2.2
25	3.4	3.4	3.2	3.1	3.0	2.8
32	4.2	4.2	4.0	3.9	3.7	3.5
40	5.2	5.2	5.0	4.8	4.7	4.4
50	6.6	6.6	6.3	6.1	5.9	5.5
63	8.4	8.4	8.0	7.7	7.5	7.0

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5 Capacity tables

5 - 3 Capacity Correction Factor

FXLQ-P

		Capacity correction factor Te = 9°C						
	Indoor air temperature	14.0 °CWB	16.0 °CWB	18.0 °CWB	19.0 °CWB	20.0 °CWB	22.0 °CWB	24.0 °CWB
		20.0 °CDB	23.0 °CDB	26.0 °CDB	27.0 °CDB	28.0 °CDB	30.0 °CDB	32.0 °CDB
FXLQ20	TC	0.650	0.709	0.767	0.788	0.808	0.842	0.866
	SHF	1.205	1.160	1.108	1.090	1.073	1.046	1.029
FXLQ25	TC	0.650	0.711	0.769	0.791	0.812	0.844	0.867
	SHF	1.206	1.158	1.108	1.088	1.071	1.046	1.029
FXLQ32	TC	0.647	0.709	0.767	0.787	0.807	0.842	0.866
	SHF	1.212	1.160	1.109	1.090	1.073	1.045	1.028
FXLQ40	TC	0.661	0.714	0.775	0.797	0.814	0.844	0.867
	SHF	1.184	1.154	1.103	1.084	1.071	1.047	1.036
FXLQ50	TC	0.654	0.709	0.768	0.790	0.809	0.842	0.865
	SHF	1.194	1.160	1.107	1.088	1.073	1.046	1.029
FXLQ63	TC	0.662	0.713	0.773	0.795	0.813	0.843	0.866
	SHF	1.179	1.155	1.103	1.084	1.071	1.049	1.039

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

How to use this table:

Capacity: Total capacity for High sensible mode = Total capacity for normal capacity table X TC ratio.

SHF: SHF for High sensible mode = SHF for normal capacity table X SHF ratio.

In case of SHF is bigger than 1, SHF is "1"

When selecting units for mixed (RA DX indoor units + VRV DX indoor unit),

- Correction C_c corresponds with Te = 9°C TC ratio value for each type of Indoor unit, depending on indoor ambient design temperature X/Y °CDB/°CWB
- Correction C_c corresponds with Te = 9°C TC ratio value for each type of indoor unit, depending on indoor ambient temperature 29/19 °CDB/°CWB

So verwenden Sie diese Tabelle:

Leistung: Gesamtleistung (GL) für hochfühlbaren Leistungsmodus = Gesamtleistung für normale Leistungstabelle x GL-Verhältnis.

SHF: SHF für hochfühlbaren Leistungsmodus = SHF für normale Leistungstabelle x SHF-Verhältnis.

Für den Fall, dass SHF größer als 1 ist, wird SHF als "1" angenommen.

Bei Auswahl gemischter Geräte (RA DX-Innengerät + VRV DX-Innengerät),

- Korrektur C_c entspricht dem GL-Verhältniswert für Te = 9 °C für jeden Innengerätetyp, in Abhängigkeit von der Innen-Entwurfstemperatur X/Y °C TK/°C FK
- Korrektur C_c entspricht dem GL-Verhältniswert für Te = 9 °C für jeden Innengerätetyp, in Abhängigkeit von der Innentemperatur 29/19 °C TK/°C FK

Πως θα χρησιμοποιήσετε αυτό τον πίνακα:

Απόδοση: Συνολική απόδοση για λειτουργία υψηλής ευαισθησίας = Συνολική απόδοση για λόγο X TC πίνακα κανονικής απόδοσης.

SHF: SHF για λειτουργία υψηλής ευαισθησίας = SHF για λόγο X SHF πίνακα κανονικής απόδοσης.

Στην περίπτωση που το SHF είναι μεγαλύτερο από 1, το SHF είναι "1"

Κατά την επιλογή μονάδων για συνδυασμό (εσωτερικές μονάδες RA DX + εσωτερική μονάδα VRV DX),

- Το C_c διόρθωσης αντιστοιχεί σε Te = 9 °C TC τιμή λόγου για κάθε τύπο εσωτερικής μονάδας, ανάλογα με την εσωτερική θερμοκρασία σχεδίου περιβάλλοντος X/Y °CDB/°CWB
- Το C_c διόρθωσης αντιστοιχεί σε Te = 9 °C TC τιμή λόγου για κάθε τύπο εσωτερικής μονάδας, ανάλογα με την εσωτερική θερμοκρασία περιβάλλοντος 29/19 °CDB/°CWB

Cómo utilizar esta tabla:

Capacidad: capacidad total para el modo sensible alto = capacidad total para relación TC de tabla X de capacidad normal.

SHF: SHF para modo sensible alto = SHF para relación SHF de tabla X de capacidad normal.

En caso de que SHF sea superior a 1, SHF es "1"

Si se seleccionan unidades combinadas (Unidades interiores DX RA + unidades interiores DX VRV),

- La corrección C_c corresponde a Te = 9°C valor de relación TC para cada tipo de unidad interior, en función de la temperatura de diseño ambiente interior X/Y °CBS/°CBH
- La corrección C_c corresponde a Te = 9°C valor de relación TC para cada tipo de unidad interior, en función de la temperatura ambiente interior 29/19 °CBS/°CBH

Comment utiliser ce tableau :

Puissance :Puissance totale pour le mode haute sensibilité = Puissance totale indiquée dans le tableau de puissance normale X rapport PT.

FCS : FCS pour le mode haute sensibilité =

FCS indiqué dans le tableau de puissance normale X rapport FCS.

Si le FCS est supérieur à 1, le FCS correspond à « 1 »

Lors de la sélection d'unités pour une installation mixte (unités intérieures DX RA + unité intérieure DX VRV),

- La correction C_c correspond à Te = 9 °C / valeur de rapport PT pour chaque type d'unité intérieure, pour une température ambiante intérieure de calcul de X/Y °CBS/°CBH
- La correction C_c correspond à Te = 9 °C / valeur de rapport PT pour chaque type d'unité intérieure, pour une température ambiante intérieure de 29/19 °CBS/°CBH

Come utilizzare questa tabella

Capacità: Capacità totale per modalità ad alta capacità sensibile = Capacità totale per tabella capacità normali X rapporto TC.

SHF: SHF per modalità ad alta capacità sensibile = SHF per tabella capacità normali X rapporto SHF.

Qualora il valore SHF sia maggiore di 1, SHF è "1"

Quando si selezionano unità combinate (unità interna ad espansione diretta RA+ unità interna ad espansione diretta VRV),

- La correzione C_c corrisponde a Te = 9°C valore rapporto TC per ogni tipo di unità interna, in base alla temperatura interna di progetto X/Y °CBS/°CBU
- La Correzione C_c corrisponde a Te = 9°C valore rapporto TC per ogni tipo di unità interna, in base alla temperatura interna di progetto 29/19 °CBS/°CBU

Hoe deze tabel gebruiken:

Vermogen: totaal vermogen voor High Sensible-modus = totaal vermogen voor tabel normaal vermogen x ratio TV.

SHF: SHF voor High Sensible-modus = SHF voor tabel normaal vermogen x ratio SHF.

Indien SHF groter is dan 1, is SHF "1"

Bij het selecteren van units voor gemengd gebruik (RA DX-binnenunits + VRV DX-binnenunits),

- Correctie C_c komt overeen met ratio waarde Te = 9°C TC voor elk type binnenunit, afhankelijk van de ontwerp temperatuur van de binnenunit X/Y °CDB/°CNB
- Correctie C_c komt overeen met ratio waarde Te = 9°C TC voor elk type binnenunit, afhankelijk van de omgevingstemperatuur van de binnenunit 29/19 °CDB/°CNB

Как пользоваться этой таблицей:

Производительность: Суммарная мощность для режима высокой производительности по сухому теплу = Суммарная мощность по таблице обычной мощности X коэффициент TC.

SHF: SHF для режима высокой производительности по сухому теплу =

SHF по таблице обычной мощности X коэффициент SHF.

Если SHF больше 1, принять SHF равным 1

При выборе блоков для смешанных установок (внутренние блоки RA DX + внутренние блоки VRV DX):

- Корректировка C_c соответствует значению коэффициента TC Te = 9°C для каждого типа внутренних блоков, в зависимости от расчетной температуры в помещении X/Y °C сух.т./°C вл.т.
- Корректировка C_c соответствует значению коэффициента TC Te = 9°C для каждого типа внутренних блоков, в зависимости от температуры в помещении 29/19 °C сух.т./°C вл.т.

Bu tablo nasıl kullanılır:

Kapasite: Yüksek hassasiyet modu toplam kapasitesi = Normal kapasite tablosu için toplam kapasite X TC oranı.

SHF: Yüksek hassasiyet modu için SHF = Normal kapasite tablosu için SHF X SHF oranı.

SHF, 1'den büyük ise SHF "1"dir

Karşık kombinasyonlar (RA DX iç üniteler + VRV DX iç üniteler) için ünite seçimi yapılırken,

- C_c düzeltme faktörü, X/Y °C KT/°C YT iç ortam tasarım basıncına bağlı olarak her bir iç ünite tipi için Te = 9°C TC oranına karşılık gelir
- C_c düzeltme faktörü, 29/19 °C KT/°C YT iç ortam tasarım basıncına bağlı olarak her bir iç ünite tipi için Te = 9°C TC oranına karşılık gelir

5 Capacity tables

5 - 3 Capacity Correction Factor

FXLQ-P

		Capacity correction factor Te = 11°C						
		20°CDB 14°CWB	23°CDB 16°CWB	26°CDB 18°CWB	27°CDB 19°CWB	28°CDB 20°CWB	30°CDB 22°CWB	32°CDB 24°CWB
20	TC ratio	0,527	0,540	0,601	0,638	0,671	0,727	0,768
	SHF ratio	1,205	1,300	1,249	1,196	1,157	1,101	1,063
25	TC ratio	0,527	0,542	0,604	0,642	0,675	0,730	0,771
	SHF ratio	1,206	1,301	1,247	1,194	1,155	1,099	1,063
32	TC ratio	0,525	0,538	0,600	0,637	0,669	0,725	0,769
	SHF ratio	1,212	1,308	1,249	1,197	1,158	1,100	1,061
40	TC ratio	0,533	0,553	0,610	0,648	0,681	0,731	0,771
	SHF ratio	1,184	1,274	1,238	1,187	1,150	1,100	1,070
50	TC ratio	0,530	0,545	0,601	0,639	0,672	0,727	0,768
	SHF ratio	1,194	1,288	1,247	1,195	1,156	1,101	1,064
63	TC ratio	0,535	0,553	0,608	0,646	0,678	0,729	0,769
	SHF ratio	1,179	1,269	1,238	1,188	1,151	1,103	1,075

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

How to use this table - So verwenden Sie diese Tabelle - Πώς θα χρησιμοποιήσετε αυτό τον πίνακα - Cómo utilizar esta tabla - Utilisation de ce tableau - Come utilizzare questa tabella - Gebruik van deze tabel - Как пользоваться этой таблицей - Bu tablo nasıl kullanılır? :

- Capacity : Total capacity for High sensible mode = Total capacity for normal capacity table X TC ratio.
Leistung: Gesamtleistung für hochfühlbaren Leistungsmodus = Gesamtleistung für normale Leistungstabelle x GL-Verhältnis.
Απόδοση: Συνολική απόδοση για τη λειτουργία υψηλής ευαισθησίας = Συνολική απόδοση για τον πίνακα κανονικών αποδόσεων X αναλογία TC
Capacidad: Capacidad total para el modo de alta sensibilidad = Capacidad total para la tabla de capacidad normal X relación TC.
Capacité sensible (FCS (Facteur de chaleur sensible) – en anglais : SHF) : FCS pour le mode sensibilité élevée (« High ») = FCS du tableau des capacités normales x rapport FCS.
Capacità: Capacità totale per modalità ad alta capacità sensibile = Capacità totale per tabella capacità normali X rapporto TC.
Capaciteit: totale capaciteit in modus grote ("High") gevoeligheid = totale capaciteit uit de tabel met normale capaciteiten x TC-ratio.
Производительность: Общая производительность для режима с высоким коэфф. ошутимого охлаждения = Общая производительность для нормального режима, таблица X коэфф. TC.
Kapasite: Yüksek algı modu için toplam kapasite = Normal kapasite tablosundaki toplam kapasite değeri x TC oranı.

- Sensible capacity (SHF): SHF for High sensible mode = SHF for normal capacity table X SHF ratio .
Fühbare Leistung (SHF): SHF für hochfühlbaren Leistungsmodus = SHF für normale Leistungstabelle x SHF-Verhältnis.
Αισθητή απόδοση (SHF): SHF για λειτουργία υψηλής ευαισθησίας = SHF για πίνακα κανονικών αποδόσεων X αναλογία SHF .

Capacidad sensible (FCS): SHF para el modo de alta sensibilidad = SHF para la tabla de capacidad normal X relación SHF.

Capacité sensible (FCS (Facteur de chaleur sensible) – en anglais : SHF) : FCS pour le mode sensibilité élevée (« High ») = FCS du tableau des capacités normales x rapport FCS.
Capacità sensibile (SHF): SHF per modalità ad alta capacità sensibile = SHF per tabella capacità normali X rapporto SHF.

Gevoeligheidsfactor (WGF (warmtegevoelsfactor) – in het Engels "SHF"): WGF voor de modus grote ("High") gevoeligheid = WGF uit de tabel met normale capaciteiten x WGF-ratio.

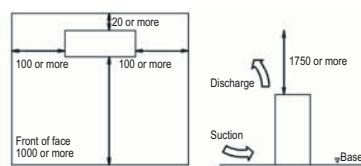
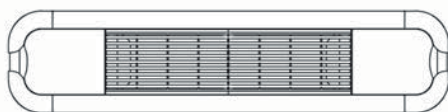
Ощутимая производительность (SHF): SHF для режима с высоким коэфф. ошутимого охлаждения = SHF для нормального режима, таблица X коэфф. SHF.
Algılanabilir kapasite (SHF): Yüksek algı modu için SHF = Normal kapasite tablosundaki SHF değeri x SHF oranı.

- In case of SHF is bigger than 1 , SHF is "1"
Für den Fall, dass SHF größer als 1 ist, wird SHF als "1" angenommen.
Σε περίπτωση που το SHF είναι μεγαλύτερο από 1, το SHF είναι "1"
En caso de que SHF sea superior a 1 , SHF equivale a "1"
Si FCS est supérieur à 1 , utilisez « 1 » pour FCS.
Qualora il valore SHF sia maggiore di 1 , SHF è "1"
Indien WGF groter is dan 1 , neem dan "1" voor WGF.
Если SHF больше 1, то SHF равен "1"
SHF değeri 1'den büyükse, SHF değeri "1" kabul edilmelidir

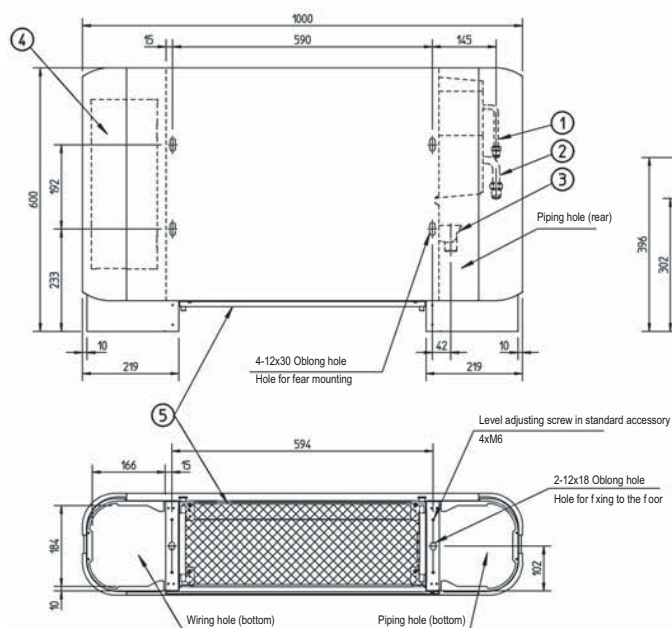
6 Dimensional drawings

6 - 1 Dimensional Drawings

FXLQ20-25P



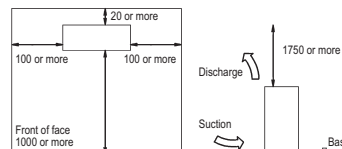
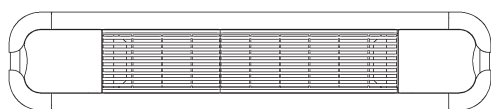
Required installation space



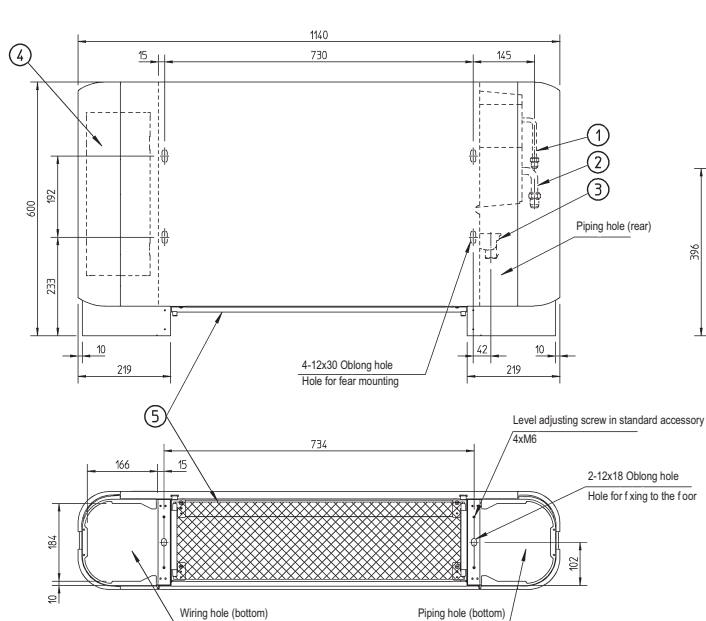
Item	Name	Description
1	Liquid pipe connection	Ø6.4 Flare connection
2	Gas pipe connection	Ø12.7 Flare connection
3	Drain pipe connection	O.D.Ø21
4	Switch box	
5	Air filter	

3TW32294-1

FXLQ32-40P



Required installation space



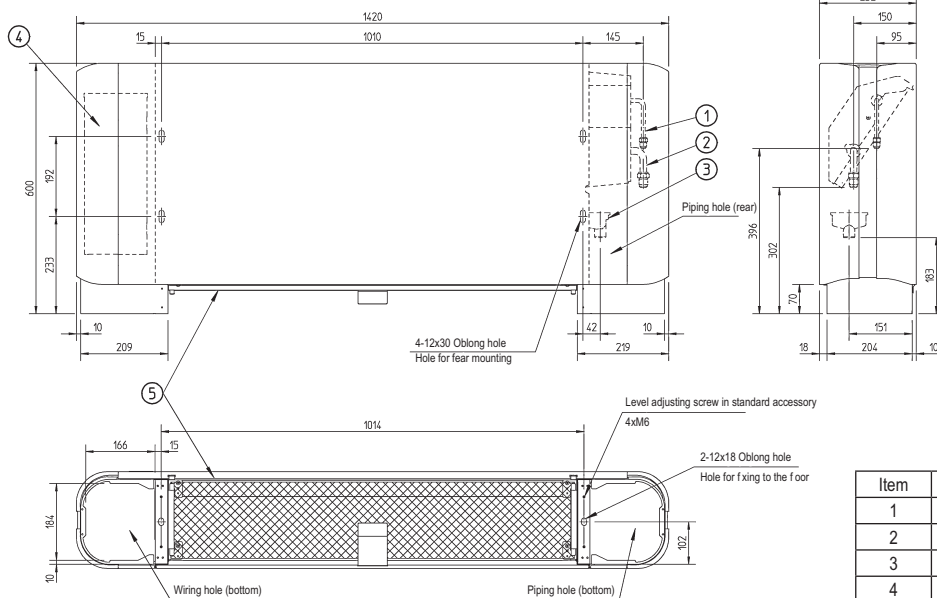
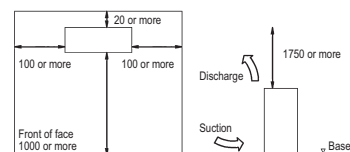
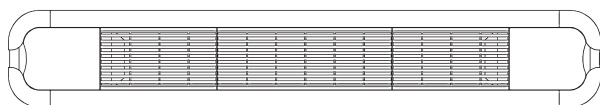
Item	Name	Description
1	Liquid pipe connection	Ø6.4 Flare connection
2	Gas pipe connection	Ø12.7 Flare connection
3	Drain pipe connection	O.D.Ø21
4	Switch box	
5	Air filter	

3TW32314-1

6 Dimensional drawings

6 - 1 Dimensional Drawings

FXLQ50-63P



Model	A	B
FXL050	Ø6.4	Ø12.7
FXL063	Ø9.5	Ø15.9

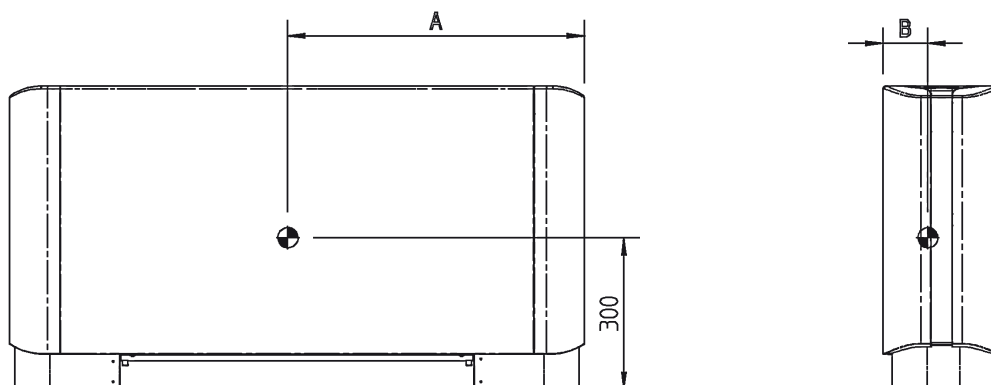
Item	Name	Description
1	Liquid pipe connection	ØA Flare connection
2	Gas pipe connection	ØB Flare connection
3	Drain pipe connection	O.D.Ø21
4	Switch box	
5	Air filter	

3TW32334-1

7 Centre of gravity

7 - 1 Centre of Gravity

FXLQ-P



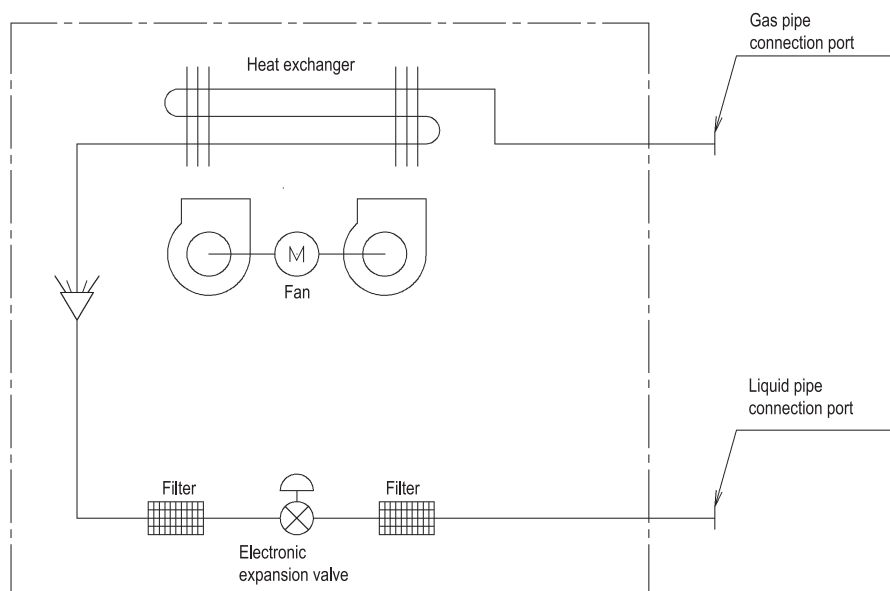
Model	A	B
FXLQ 20, 25 P	500	81
FXLQ 32, 40 P	588	89
FXLQ 50, 63 P	728	99

4TW32299-2

8 Piping diagrams

8 - 1 Piping Diagrams

FXLQ-P

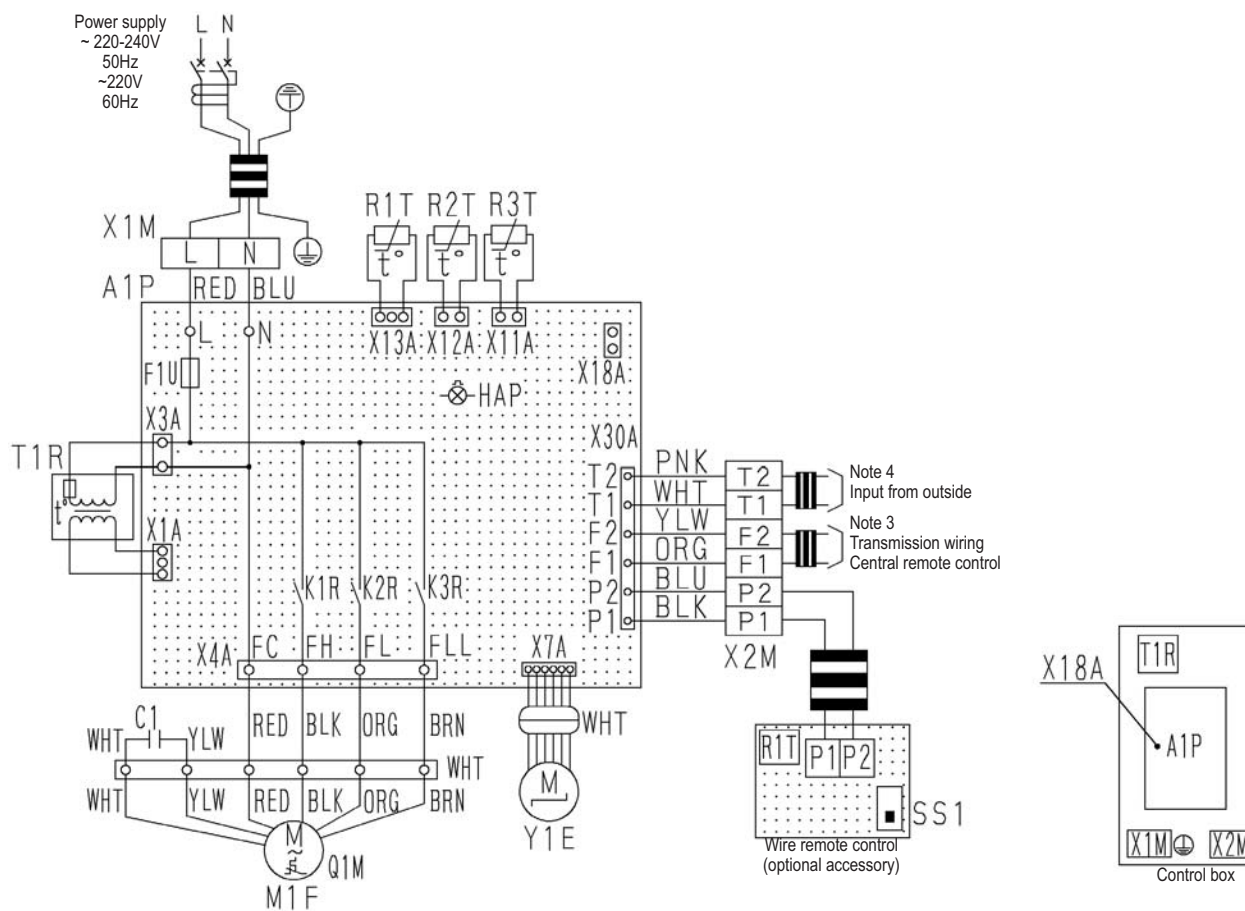


4D034245G

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

FXLQ-P



Indoor unit		Y1E	Electronic expansion valve
A1P	Printed circuit board		
C1	Capacitor (M1F)		Wired remote control
F1U	Fuse (⑤, 5A, 250V)	R1T	Thermistor (air)
HAP	Light emitting diode (service monitor green)	SS1	Select switch (main/sub)
K1R-K3R	Magnetic relay (M1F)		Connector for optional parts
M1F	Motor (indoor fan)		
Q1M	Thermo switch (M1F embedded)		
R1T	Thermistor (air)	X18A	Connector (wiring adapter for electrical appendices)
R2T-R3T	Thermistor (coil)		
T1R	Transformer (220-240V/22V)		
X1M	Terminal block (power)		
X2M	Terminal block (control)		

PNK: pink	WHT: white
YLW: yellow	ORG: orange
BLU: blue	BLK: black
RED: red	BRN: brown

3D039826G

NOTES

- □ □ □ : terminal block, □ □ □ □ : connector, -○- : terminal
- ⚡ : field wiring
- In case using central remote control, connect it to the unit in accordance with the attached instruction manual.
- When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by remote control, in details, refer to the installation manual attached to the unit.
- Use copper conductors only.

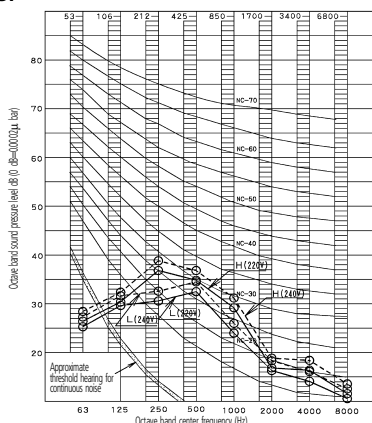
10 Sound data

10 - 1 Sound Pressure Spectrum

10

FXLQ20,25P

4D034528A



NOTES

- Over all (dB):
(B, G, N is already rectified)

Scale	220V		240V	
	H	L	H	L
A	35	32	37	34
C	40	36.5	42	38.5

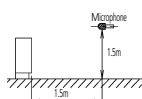
- Measuring place: Anechoic chamber

- Operating conditions:

- Power source: 220•240V/220V 50/60Hz
- JIS standard



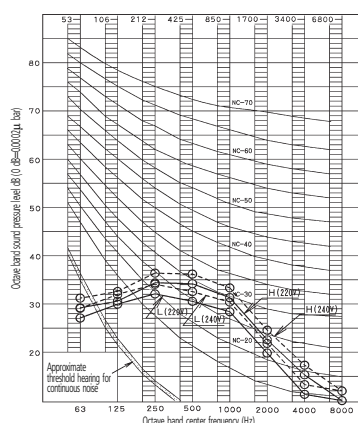
- Location of microphone



- Operating noise differs with operation and ambient conditions.

FXLQ32P

4D034564A



NOTES

- Over all (dB):
(B, G, N is already rectified)

Scale	220V		240V	
	H	L	H	L
A	35	32	37	34
C	39	37	41	39

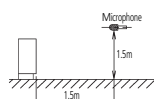
- Measuring place: Anechoic chamber

- Operating conditions:

- Power source: 220•240V/220V 50/60Hz
- JIS standard



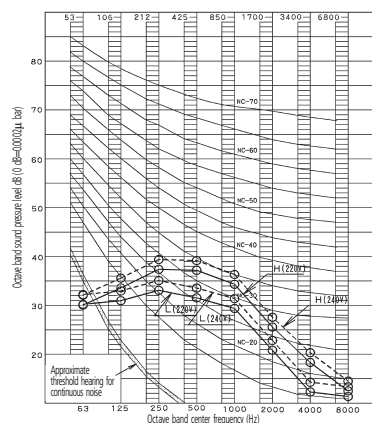
- Location of microphone



- Operating noise differs with operation and ambient conditions.

FXLQ40P

4D034565A



NOTES

- Over all (dB):
(B, G, N is already rectified)

Scale	220V		240V	
	H	L	H	L
A	38	33	40	35
C	42	38	44	40

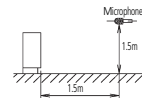
- Measuring place: Anechoic chamber

- Operating conditions:

- Power source: 220•240V/220V 50/60Hz
- JIS standard



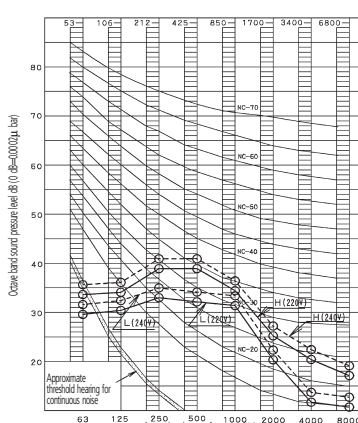
- Location of microphone



- Operating noise differs with operation and ambient conditions.

FXLQ50P

4D034566A



NOTES

- Over all (dB):
(B, G, N is already rectified)

Scale	220V		240V	
	H	L	H	L
A	39	34	41	36
C	44	38.5	46	40.5

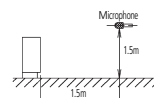
- Measuring place: Anechoic chamber

- Operating conditions:

- Power source: 220•240V/220V 50/60Hz
- JIS standard



- Location of microphone



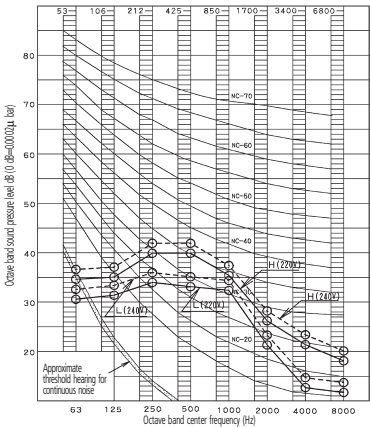
- Operating noise differs with operation and ambient conditions.

10 Sound data

10 - 1 Sound Pressure Spectrum

FXLQ63P

4D034567A



NOTES

1 Over all (dB):
(B, G, N is already rectified)

Scale	220V		240V	
	H	L	H	L
A	40	35	42	37
C	45	39.5	47	41.5

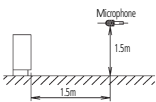
2 Measuring place: Anechoic chamber

3 Operating conditions:

- Power source: 220•240V/220V 50/60Hz
- JIS standard

○ — 220V
○ - - - 240V

4 Location of microphone



5 Operating noise differs with operation and ambient conditions.



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