

Ceiling suspended unit Air Conditioning Technical Data FXHQ-A



FXHQ32AVEB9
FXHQ63AVEB9
FXHQ100AVEB9

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FXHQ-A

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1 Features

1 - 1 FXHQ-A

For wide rooms with no false ceilings nor free floor space

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- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



Home leave operation



Fan only



Auto cooling-heating changeover



Vertical auto swing



Fan speed steps (3 steps)



Dry programme



Air filter



Weekly timer (optional)



Infrared remote control (optional)



Wired remote control (optional)



Centralised control (optional)



Auto-restart



Self diagnosis



Drain pump kit (optional)

2 Specifications

2 - 1 Specifications

Technical specifications					FXHQ32A	FXHQ63A	FXHQ100A
Cooling capacity	Sensible capacity	At high fan speed	kW	2.6		4.8	7.3
	Latent capacity	At high fan speed	kW	1.0		2.3	3.9
	Total capacity	At high fan speed	kW	3.6		7.1	11.2
Heating capacity	Total capacity	At high fan speed	kW	4.0		8.0	12.5
Power input - 50Hz	Cooling	At high fan speed	kW	0.107		0.111	0.237
	Heating	At high fan speed	kW	0.107		0.111	0.237
Dimensions	Unit	Height	mm	235			
		Width	mm	960	1,270	1,590	
		Depth	mm	690			
	Packed unit	Height	mm	340	349		
		Width	mm	1,116	1,426	1,746	
		Depth	mm	858	878		
	Weight	Unit	kg	24	33	39	
Packed unit		kg	38	55	62		
Casing	Colour	Fresh White					
	Material	Resin					
Heat exchanger	Rows	Quantity	2		3		
	Fin pitch	mm			1.5		
	Passes	Quantity	4		5	10	
	Face area	m ²	0.213		0.303	0.398	
	Stages	Quantity	14				
	Empty tubeplate hole	Quantity	0				
Fan	Type	Sirocco fan					
	Quantity			2	3	4	
	Air flow rate - 50Hz	Cooling	At high fan speed	m ³ /min	14.0	20.0	29.5
			At medium fan speed	m ³ /min	12.0	17.0	24.0
			At low fan speed	m ³ /min	10.0	14.0	19.0
		Heating	At high fan speed	m ³ /min	14.0	20.0	29.5
			At medium fan speed	m ³ /min	12.0	17.0	24.0
			At low fan speed	m ³ /min	10.0	14.0	19.0
Fan motor	Output	High	W	60	91	150	
Sound power level	Cooling	At high fan speed	dBA	54	55	62	
		At medium fan speed	dBA	52	53	55	
		At low fan speed	dBA	49	52		
Sound pressure level	Cooling	At high fan speed	dBA	36.0	37.0	44.0	
		At medium fan speed	dBA	34.0	35.0	37.0	
Sound pressure level	Cooling	At low fan speed	dBA	31.0	34.0		
		At high fan speed	dBA	36.0	37.0	44.0	
	Heating	At medium fan speed	dBA	34.0	35.0	37.0	
		At low fan speed	dBA	31.0	34.0		
Fan motor	Model			2D15L1AA1	3D15L1AA1	4D15L1AC1	
	Speed	Steps			3		
Refrigerant	Type			R-410A			
	GWP			2,087.5			
Piping connections	Liquid	Type	Flare connection				
		OD	mm	6.4	9.5		
	Gas	Type	Flare connection				
		OD	mm	12.7	15.9		
	Drain	VP20 (I.D. 20/O.D. 26)					
Heat insulation	Heat resistant foamed polyethylene, regular foamed polyethylene						
Air filter	Type	Resin net with mold resistance					
Control systems	Infrared remote control	BRC7GA53 / BRC7GA56					
	Wired remote control	BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					
Heat exchanger	Length		mm	722	1,032	1,352	
	Type	Cross fin coil (multi louver fins and Hi-XSL tubes)					

Standard accessories: Operation manual;Quantity: ;

Standard accessories: Installation manual;Quantity: ;

Standard accessories: Declaration of conformity;Quantity: ;

Standard accessories: Drain hose;Quantity: ;

Standard accessories: Clamp metal;Quantity: ;

Standard accessories: Washer for hanger bracket;Quantity: ;

Standard accessories: Clamps;Quantity: ;

Standard accessories: Joint insulating material;Quantity: ;

Standard accessories: Sealing material;Quantity: ;

Standard accessories: Installation pattern;Quantity: ;

2 Specifications

2 - 1 Specifications

Standard accessories: Resin bushing;Quantity: ;

Standard accessories: Wiring fixture;Quantity: ;

Standard accessories: Screw for wiring fixture;Quantity: ;

2

Electrical specifications				FXHQ32A	FXHQ63A	FXHQ100A
Power supply	Name			VE		
	Phase			1~		
	Frequency Hz			50/60		
	Voltage V			220-240/220		
Current - 50Hz	Minimum circuit amps (MCA)		A	0.8		1.7
	Maximum fuse amps (MFA)		A	16		
	Full load amps (FLA)	Fan motor	A	0.6		1.3
Voltage range	Max.		%	10		
	Min.		%	10		

Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. |

Maximum allowable voltage range variation between phases is 2%. |

MCA/MFA: MCA = 1.25 x FLA |

MFA ≤ 4 x FLA |

Next lower standard fuse rating minimum 16A |

Select wire size based on the value of MCA |

Instead of a fuse, use a circuit breaker |

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

FXHQ-A

Model	Units			Power supply		IFM		Input (W)	
	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXHQ32AVEB	50	220-240	Max. 264 Min. 198	0.8	16	0.060	0.6	107	107
FXHQ63AVEB				0.8	16	0.091	0.6	111	111
FXHQ100AVEB				1.7	16	0.150	1.3	237	237
FXHQ32AVEB	60	220	Max. 242 Min. 198	0.8	16	0.060	0.6	107	107
FXHQ63AVEB				0.8	16	0.091	0.6	111	111
FXHQ100AVEB				1.7	16	0.150	1.3	237	237

SYMBOLS

MCA : Min. Circuit Amps.	(A)
MFA : Max. Fuse Amps. (See note 5)	(A)
kW : Fan Motor Rated Output	(kW)
FLA : Full Load Amps.	(A)
IFM : Indoor Fan Motor	

NOTES

- Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA/MFA
 $MCA = 1.25 \times FLA$
 $MFA \leq 4 \times FLA$
 (Next lower standard fuse rating. Min. 16A)
- Select wiring size based on the MCA.
- Instead of fuse, use Circuit Breaker.

Minimum Ssc value	kVA	EN61000-3-2 is applied.
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4 Safety device settings

4 - 1 Safety Device Settings

FXHQ-A

Safety devices		32	63	100
FXHQ~A	Fuse	250V 3.15A	250V 3.15A	250V 3.15A
	Fan motor thermal fuse	°C	---	---
	Fan motor thermal protector	°C	---	---

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5 Options

5 - 1 Options

FXHQ-A

NAME OF OPTION	REMARK	FHQ~CAVEB							FXHQ~AVEB			FHQ~CAVEA
		35	50	60	71	100	125	140	32	63	100	140
LONG-LIFE FILTER		KAFP501B56		KAFP501B80		KAFP501B160			KAFP501B56	KAFP501B80	KAFP501B160	KAFP501B160
FRESH AIR INTAKE KIT						KDDQ50A140						KDDQ50A140
DRAIN PUMP KIT			KDU50R63			KDU50R160			KDU50R63	KDU50R160		KDU50R160
L-TYPE PIPING KIT (FOR UPWARD DIRECTION)		KHFP5NA35	KHFP5N63			KHFP5N160			KHFP5N63	KHFP5N160		KHFP5N160
REMOTE CONTROLLER												BRC1E2, BRC1G1, BRC1H2W, BRC1H52K, BRC1H82K, BRC1H82S
	WIRED TYPE	BRC1D528, BRC1E51A7, BRC1E52A7, BRC1E52B7, BRC1H52W, BRC1H52K, BRC1H52S, BRC1H82W, BRC1H82K, BRC1H82S										BRC1H52S, BRC1H82W, BRC1H82K, BRC1H82S
	WIRELESS TYPE											BRC7GA53
	HEAT PUMP USE (COOLING ONLY USE)											BRC7GA56
SIMPLIFIED REMOTE CONTROLLER (WITH OPERATION MODE SELECTOR BUTTON) ※2												BRC2E52C7
SIMPLIFIED REMOTE CONTROLLER (WITHOUT OPERATION MODE SELECTOR BUTTON) ※2												BRC3E52C7
CENTRAL REMOTE CONTROLLER						DCS302CA51						DCS302CA61
UNIFIED ON/OFF CONTROLLER						DCS301BA51						DCS301BA61
SCHEDULE TIMER						DST301BA51						DST301BA61
WIRING ADAPTER FOR ELECTRICAL APPENDICES						KRP1BA54						KRP1BA54
WIRING ADAPTER FOR ELECTRICAL APPENDICES ※1						KRP4AA52						KRP4AA52
WIRING ADAPTER FOR ELECTRICAL APPENDICES ※1										KRP2A62		
EXTERNAL ADAPTER FOR OUTDOOR UNIT (INSTALLATION ON INDOOR UNIT)										DTA104A62		
INSTALLATION BOX FOR ADAPTOR PCB						KRP1D93A						KRP1D93A
ADAPTOR BOX MOUNTING PLATE		KKSAP50A56							KKSAP50A56			
REMOTE SENSOR						KRCS01-4B						KRCS01-4B
REMOTE ON/OFF (CONNECTOR FOR FORCED ON/FORCED OFF)						EKR0R04						
NOISE FILTER (FOR ELECTROMAGNETIC USE ONLY)										KEK26-1		
ELECTRICAL BOX WITH EARTH TERMINAL (3 BLOCKS)						KJB311AA						KJB311AA
ELECTRICAL BOX WITH EARTH TERMINAL (2 BLOCKS)						KJB212AA						KJB212AA
DIGITAL INPUT ADAPTOR ※1, ※3						BRP7A52						

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6 Capacity tables

6 - 1 Cooling Capacity Tables

FXHQ-A

Cooling Capacity

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 °CDB		23 °CDB		26 °CDB		27 °CDB		28 °CDB		30 °CDB		32 °CDB	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
32	2.4	2.0	2.9	2.3	3.4	2.6	3.6	2.6	3.6	2.6	3.7	2.5	3.8	2.5
63	4.8	3.9	5.7	4.4	6.6	5.0	7.1	4.8	7.2	4.7	7.4	4.6	7.5	5.1
100	7.6	5.5	9.0	6.3	10.5	7.1	11.2	7.3	11.3	7.2	11.6	7.0	11.9	6.7

NOTES - OPMERKINGEN - REMARQUES - ANMERKUNGEN - NOTAS - NOTE - ΣΗΜΕΙΩΣΕΙΣ - NOTLAR - ПРИМЕЧАНИЯ

- This table is for the selection of indoor equipment.
 - Deze tabel is bedoeld voor het kiezen van de binnenunit.
 - Ce tableau concerne la sélection de l'équipement intérieur.
 - Diese Tabelle ist für die Auswahl der Innenanlagen.
 - Esta tabla es para seleccionar el equipo interior.
 - Usare questa tabella per la selezione delle apparecchiature interne.
 - Αυτός ο πίνακας προορίζεται για την επιλογή εσωτερικού εξοπλισμού.
 - Bu tablo iç ünite ekipmanlarının seçimine yöneliktir.
 - Эта таблица предназначена для выбора устанавливаемого в помещении оборудования.
- In the event that conditions differ due to the design requirements after system selection, actual operating ability of the indoor equipment will differ from that noted in the table because of changes in the outdoor air temperature and load factor.
 - Als nadat u het systeem hebt gekozen de voorwaarden afwijken van de ontwerpvereisten, dan zal het reële bedrijfsvermogen van de binnenunit afwijken van de in de tabel vermelde gegevens, wegens de afwijkende buitenluchttemperatuur en de belastingsfactor.
 - Si les exigences de conception après la sélection du système entraînent une modification des conditions, les capacités opérationnelles réelles de l'équipement intérieur diffèrent de celles indiquées dans le tableau en raison de la modification de la température de l'air extérieure et du facteur de charge.
 - Falls Bedingungen aufgrund der Konstruktionsanforderungen nach der Systemauswahl abweichen, dann weicht aufgrund der Änderungen der Außenlufttemperatur und des Lastfaktors die tatsächliche Betriebsfähigkeit der Innenanlage von der in der Tabelle aufgeführten ab.
 - En caso de que las condiciones difieran debido a los requisitos de diseño tras seleccionar el sistema, la capacidad de funcionamiento real del equipo interior diferirá de la que se muestra en la tabla debido a los cambios de la temperatura de aire exterior y al factor de carga.
 - Nel caso in cui intervenissero dei cambiamenti nelle condizioni dovuti a requisiti di progettazione successivi alla selezione del sistema, la capacità operativa effettiva delle apparecchiature interne sarà diversa da quella indicata in tabella a causa della diversa temperatura dell'aria esterna e del fattore di carico.
 - Στην περίπτωση που οι συνθήκες διαφέρουν λόγω των απαιτήσεων σχεδιασμού μετά την επιλογή συστήματος, η πραγματική δυνατότητα του εσωτερικού εξοπλισμού θα διαφέρει από την αναφερόμενη στον πίνακα, λόγω των αλλαγών στην εξωτερική θερμοκρασία αέρα και στο συντελεστή φορτίου.
 - Sistem seçiminin sonra tasarım gerekleri nedeniyle koşulların değişmesi durumunda, dış hava sıcaklığı ve yük faktöründeki değişiklikler nedeniyle iç ekipmanın gerçek çalışma kapasitesi tabloda belirtilenden farklı olacaktır.
 - В случае, если реальные условия отличаются от проектных условий работы, используемых при выборе системы, фактические характеристики устанавливаемого в помещении оборудования будут отличаться от указанных в таблице вследствие изменения температуры воздуха снаружи и показателя нагрузки.
- In this case, use the ability table for the indoor equipment selected and correct for the ratio of change in ability.
 - Gebruik in dat geval de vermogenstabel van de gekozen binneninstallatie en kies het juiste vermogen.
 - Le cas échéant, utiliser le tableau de capacité de l'équipement intérieur sélectionner et corriger le rapport de modification de capacité.
 - Verwenden Sie in diesem Fall die Fähigkeit für die ausgewählte Innenanlage und korrigieren Sie das Verhältnis der Änderung in der Fähigkeit.
 - En este caso, utilice la tabla de capacidades del equipo interior seleccionado y corrija la relación de cambio en capacidad.
 - In questo caso, usare la tabella delle capacità per le apparecchiature interne selezionate ed apportare le modifiche del caso in base alla percentuale di cambiamento di capacità.
 - Σε αυτή την περίπτωση χρησιμοποιήστε τον πίνακα δυνατοτήτων για τον επιλεγμένο εσωτερικό εξοπλισμό και διορθώστε για την αναλογία αλλαγής στη δυνατότητα.
 - Bu durumda, seçilen iç ekipman için kapasite tablosunu kullanın ve kapasitedeki değişim oranına göre düzeltme yapın.
 - В этом случае используйте таблицу характеристик выбранного устанавливаемого в помещении оборудования и внесите необходимую поправку на их изменение.

6 Capacity tables

6 - 2 Heating Capacity Tables

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Heating Capacity

Unit size	Indoor air temp. °CDB					
	16.0	18.0	20.0	21.0	22.0	24.0
	kW	kW	kW	kW	kW	kW
32	4.2	4.2	4.0	3.9	3.7	3.5
63	8.4	8.4	8.0	7.7	7.5	7.0
100	13.1	13.1	12.5	12.1	11.7	10.9

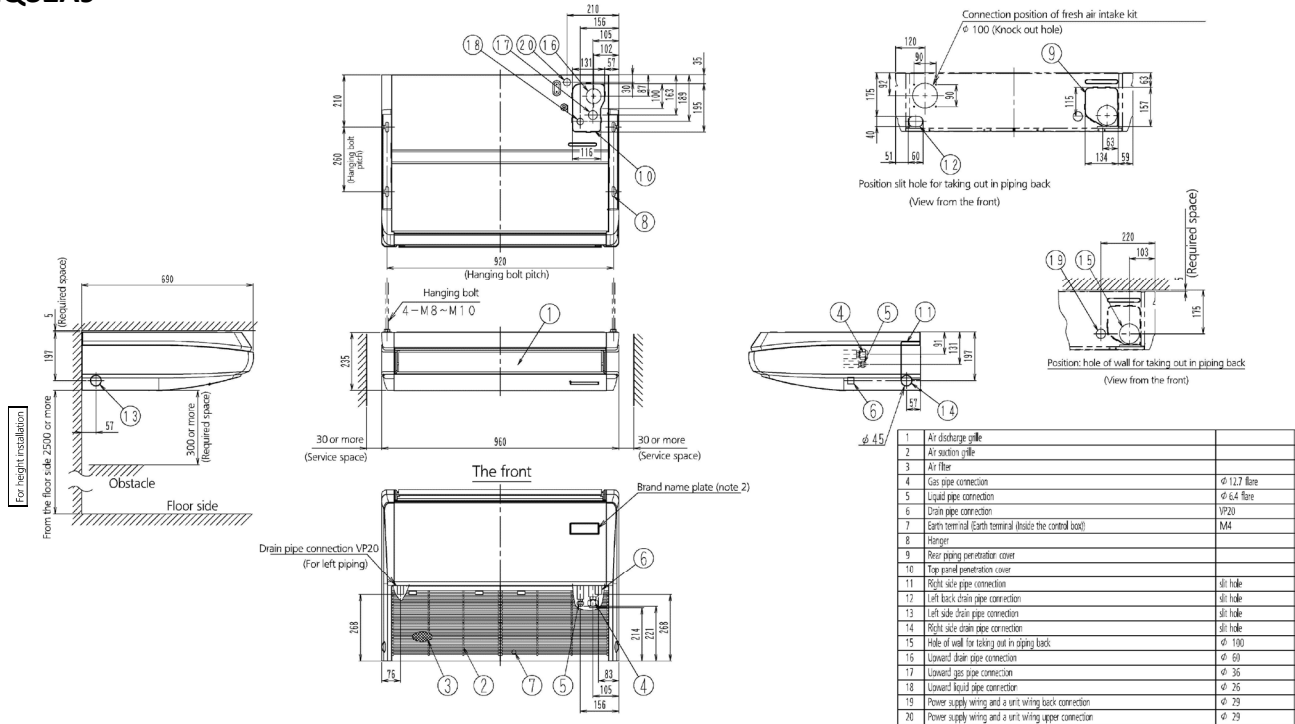
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 - Falls Bedingungen aufgrund der Konstruktionsanforderungen nach der Systemauswahl abweichen, dann weicht aufgrund der Änderungen der Außenlufttemperatur und des Lastfaktors die tatsächliche Betriebsfähigkeit der Innenanlage von der in der Tabelle aufgeführten ab.
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 - Nel caso in cui intervenissero dei cambiamenti nelle condizioni dovuti a requisiti di progettazione successivi alla selezione del sistema, la capacità operativa effettiva delle apparecchiature interne sarà diversa da quella indicata in tabella a causa della diversa temperatura dell'aria esterna e del fattore di carico.
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- In this case, use the ability table for the indoor equipment selected and correct for the ratio of change in ability.
 - Gebruik in dat geval de vermogenstabel van de gekozen binneninstallatie en kies het juiste vermogen.
 - Le cas échéant, utiliser le tableau de capacité de l'équipement intérieur sélectionner et corriger le rapport de modification de capacité.
 - Verwenden Sie in diesem Fall die Fähigkeit für die ausgewählte Innenanlage und korrigieren Sie das Verhältnis der Änderung in der Fähigkeit.
 - En este caso, utilice la tabla de capacidades del equipo interior seleccionado y corrija la relación de cambio en capacidad.
 - In questo caso, usare la tabella delle capacità per le apparecchiature interne selezionate ed apportare le modifiche del caso in base alla percentuale di cambiamento di capacità.
 - Σε αυτή την περίπτωση χρησιμοποιήστε τον πίνακα δυνατοτήτων για τον επιλεγμένο εσωτερικό εξοπλισμό και διορθώστε για την αναλογία αλλαγής στη δυνατότητα.
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7 Dimensional drawings

7 - 1 Dimensional Drawings

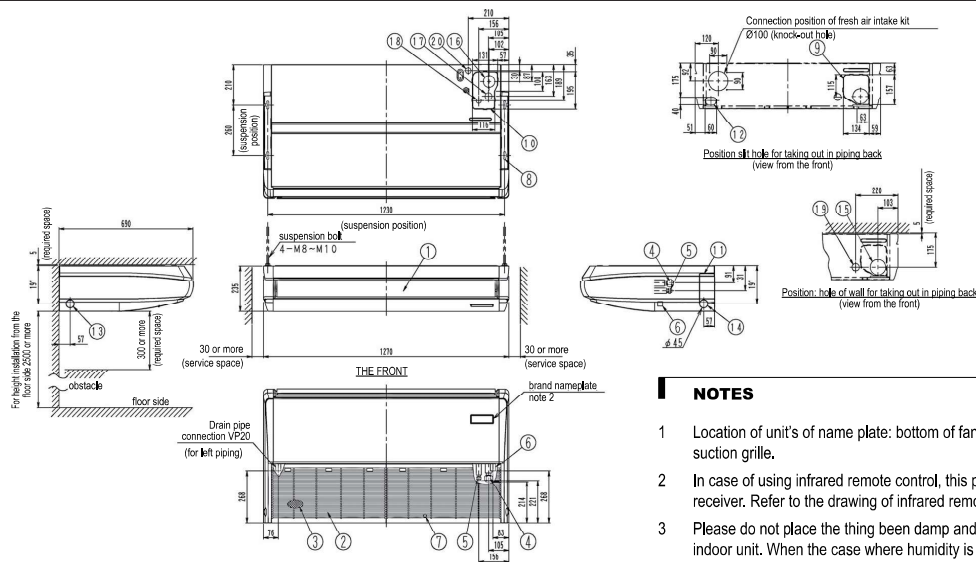
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- Note:
1. Location of unit's name plate: bottom of fan housing inside the suction grille.
 2. In case of using infrared remote controller, this position will be a signal receiver. Refer to the drawing of infrared remote controller in detail.
 3. Please do not place the thing been damp and troubled under an indoor unit. When the case where humidity is 80% or more, and the drain outlet are choked up and the air filter are dirty, dew may fall.

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FXHQ63A9



NOTES

1. Location of unit's of name plate: bottom of fan housing inside the suction grille.
2. In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control in detail.
3. Please do not place the thing been damp and troubled under an indoor unit. When the case where humidity is 80% or more, the drain outlet are choked up and the air filter are dirty, dew may fall.

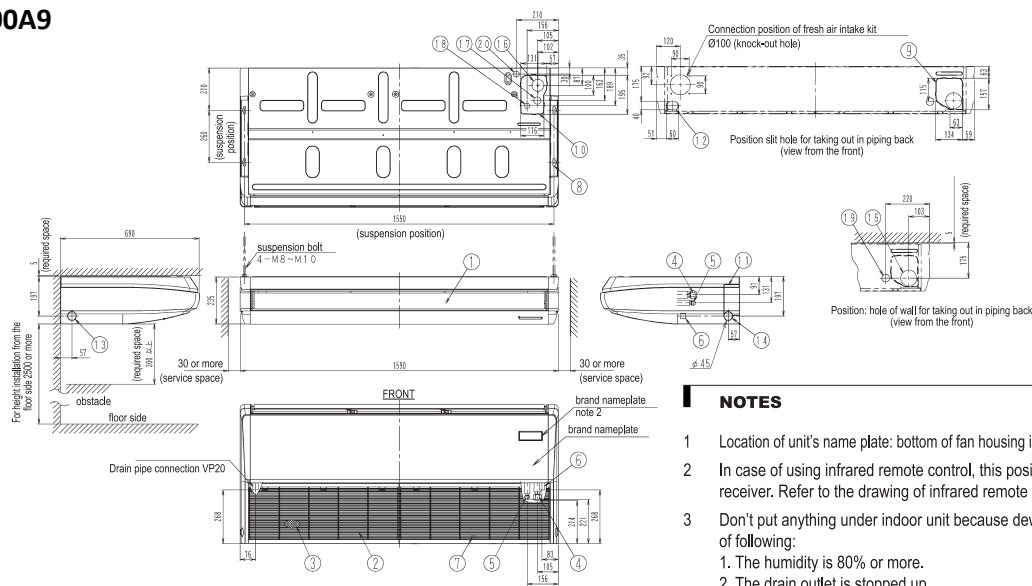
Nr	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	Ø15.9 flare
5	Liquid pipe connection	Ø9.5 flare
6	Drain pipe connection	VP20
7	Earth terminal (inside electric components box)	M4
8	Hanger bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	

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7 Dimensional drawings

7 - 1 Dimensional Drawings

FXHQ100A9



NOTES

- 1 Location of unit's name plate: bottom of fan housing inside the suction grille.
- 2 In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control in detail.
- 3 Don't put anything under indoor unit because dew may fall by reason of following:
 1. The humidity is 80% or more.
 2. The drain outlet is stopped up.
 3. The air filter is dirty.

Nr	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	Ø15.9 flare
5	Liquid pipe connection	Ø9.5 flare
6	Drain pipe connection	VP20
7	Earth terminal (inside electric components box)	M4
8	Hanger bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	

11	Right side pipe connection	slit hole
12	Left back drain pipe connection	slit hole
13	Left side drain pipe connection	slit hole
14	Right side drain pipe connection	slit hole
15	Hole of wall for taking out in piping back	Ø100
16	Upward drain pipe connection	Ø60
17	Upward gas pipe connection	Ø36
18	Upward liquid pipe connection	Ø26
19	Power source wiring and a unit wiring back connection	Ø29
20	Power source wiring and a unit wiring upper connection	Ø29

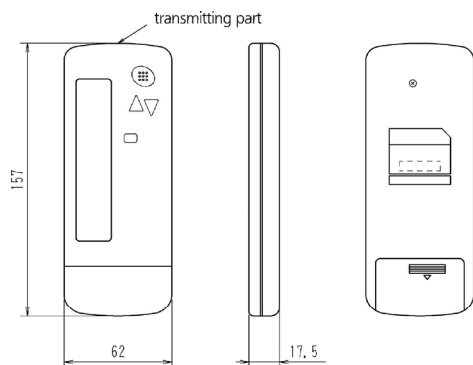
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7 Dimensional drawings

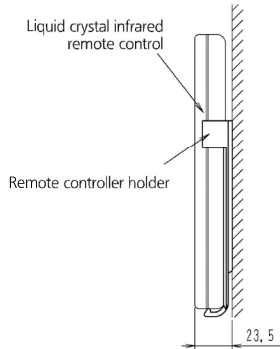
7 - 2 Dimensional Drawings with Accessories

FXHQ-A

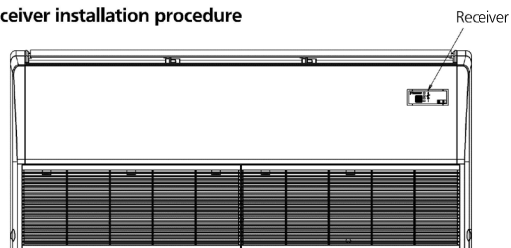
Remote controller dimensions


Remote controller holder
Installation procedure

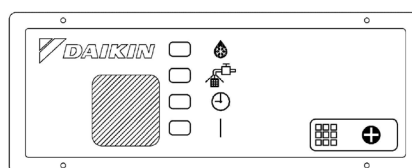
(Installation to wall surface)



Receiver installation procedure



Receiver detail

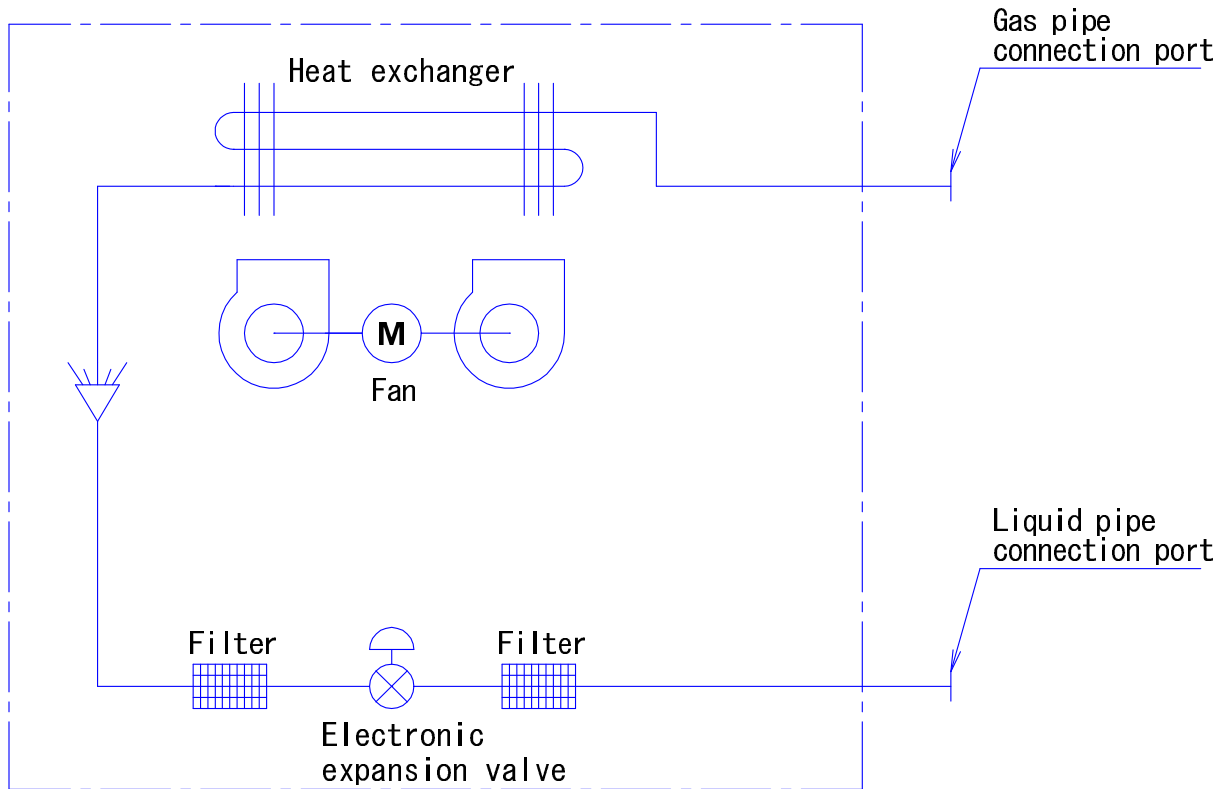


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8 Piping diagrams

8 - 1 Piping Diagrams

FXHQ-A



APPLICABLE MODEL

FXC, FXM, FXL, FXN
 FXH, FXK, FXS, FJSP
 CBXLS, FXSP, FXCP
 FZSP, FXNP, FJNP
 FHQ, FXA, FXMQ, FBQ
 FXAQ, FXSP~BA, FAQ, FCQ
 FZSP~BA (N), FSSP~BA,
 FQSP~BAN, FXUQ, FZCP, FZAP
 FXSQ~PV2S, FXSQ~T, FXSP~CA (N)
 FZSP~CA (N), FQSP~CAN
 FSSP~CA, FXSFP~AA, FSSFP~AA
 FXHQ

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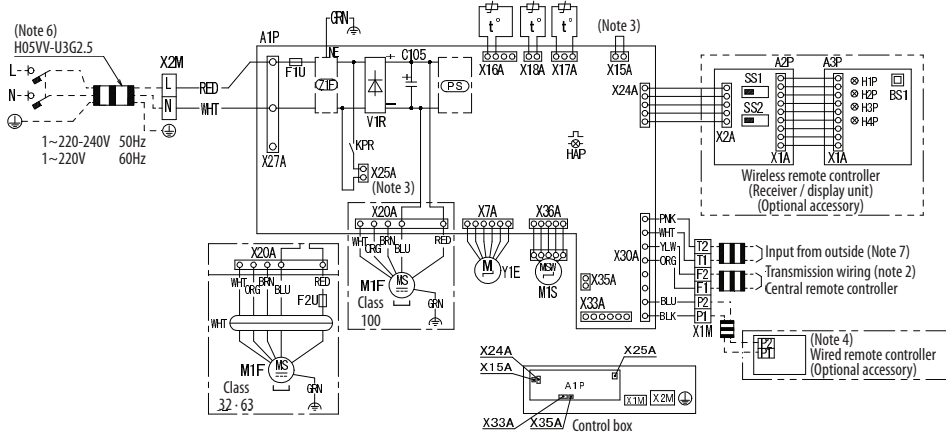
9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

9

FXHQ-A

Wiring diagram



Indoor unit	
A1P	Printed circuit board
C105	Capacitor
F1U	Fuse (T, 3.15A, 250V)
F2U	Fuse
HAP	Flashing lamp (service monitor green)
KRP	Magnetic relay (drain pump)
M1F	Motor (indoor fan)
M1S	Motor (swing blade)
PS	Power supply
R1T	Thermistor (air)
R2T	Thermistor (coil)
R3T	Thermistor (coil)
V1R	Diode bridge
X1M	Terminal block
X2M	Terminal block
Y1E	Electronic expansion valve
Z1F	Noise filter
Connector for optional parts	
X15A	Connector (float switch)
X24A	Connector (wireless remote controller)
X25A	Connector (drain pump)
X33A	Connector (adaptor for wiring)
X35A	Connector (power supply for adaptor)
Wireless remote controller (Receiver/display unit)	
A2P	Printed circuit board
A3P	Printed circuit board
BS1	Push button switch (ON/OFF)
H1P	Pilot lamp (on-red)
H2P	Pilot lamp (timer-green)
H3P	Pilot lamp (filter sign-red)
H4P	Pilot lamp (defrost-orange)
SS1	Selector switch (main/sub)
SS2	Selector switch (wireless address set)

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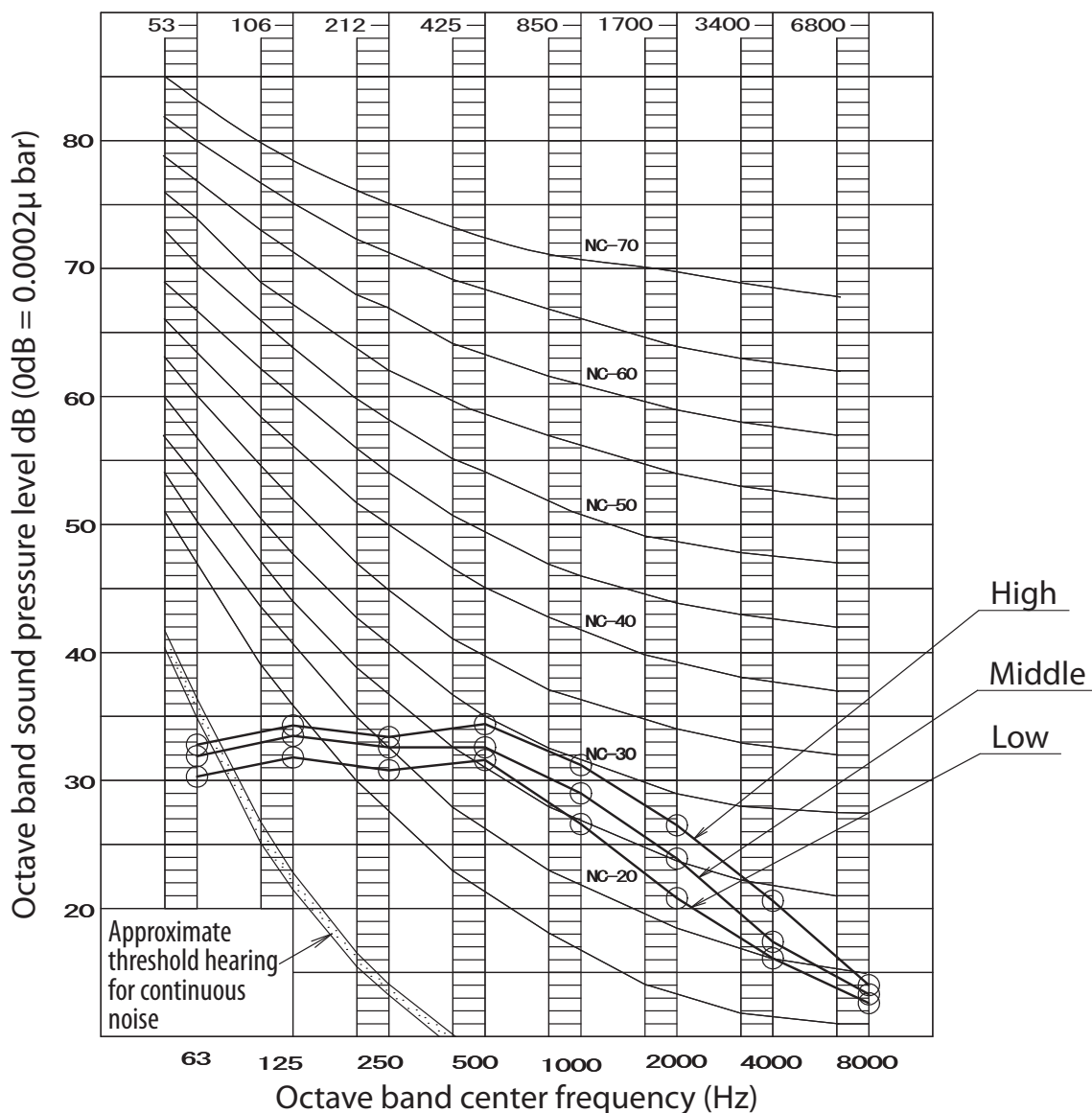
NOTES

- : terminal block, □□□□: connector, □□□□: field wiring, □□□□: short circuit connector
- In case using central remote controller, connect it to the unit in accordance with the attached installation manual.
- X15A, X25A are connected when the drain up kit is being used. In accordance with the attached installation manual.
- In case of main/sub changeover, see the installation manual attached to remote controller.
- Symbols show as follows:
BLK: black, RED: red, BLU: blue, WHT: white, YLW: yellow, GRN: green, ORG: orange, BRN: brown, PNK: pink.
- Shows only in case of protected piping. Use H07RN-F in case of no protection.
- When connecting the input wiring from outside, forced off or on/off control operation can be selected by the remote controller, see installation manual for more details.

10 Sound data

10 - 1 Sound Pressure Spectrum

FXHQ32A9



NOTES

1. Over All (dB):

Scale	High	Middle	Low
A	36.0	34.0	31.0
C	42.0	40.0	37.0

(B,G,N is already rectified)

2. Measuring place: Anechoic chamber

3. Operating conditions:

Power source:

• 220-240V/220V 50Hz/60Hz

Cooling

• Return air temperature: 27°CDB, 19°CWB

• Outdoor temperature: 35°CDB, 24°CWB

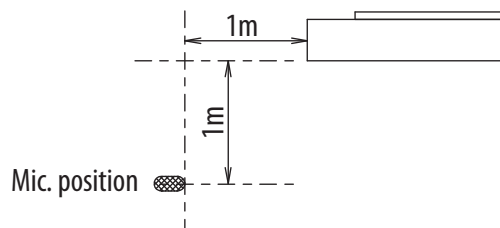
5. Operation noise differs with operation and ambient conditions.

Heating:

• Return air temperature: 20°CDB, 15°CWB

• Outdoor temperature: 7°CDB, 6°CWB

4. Location of microphone.

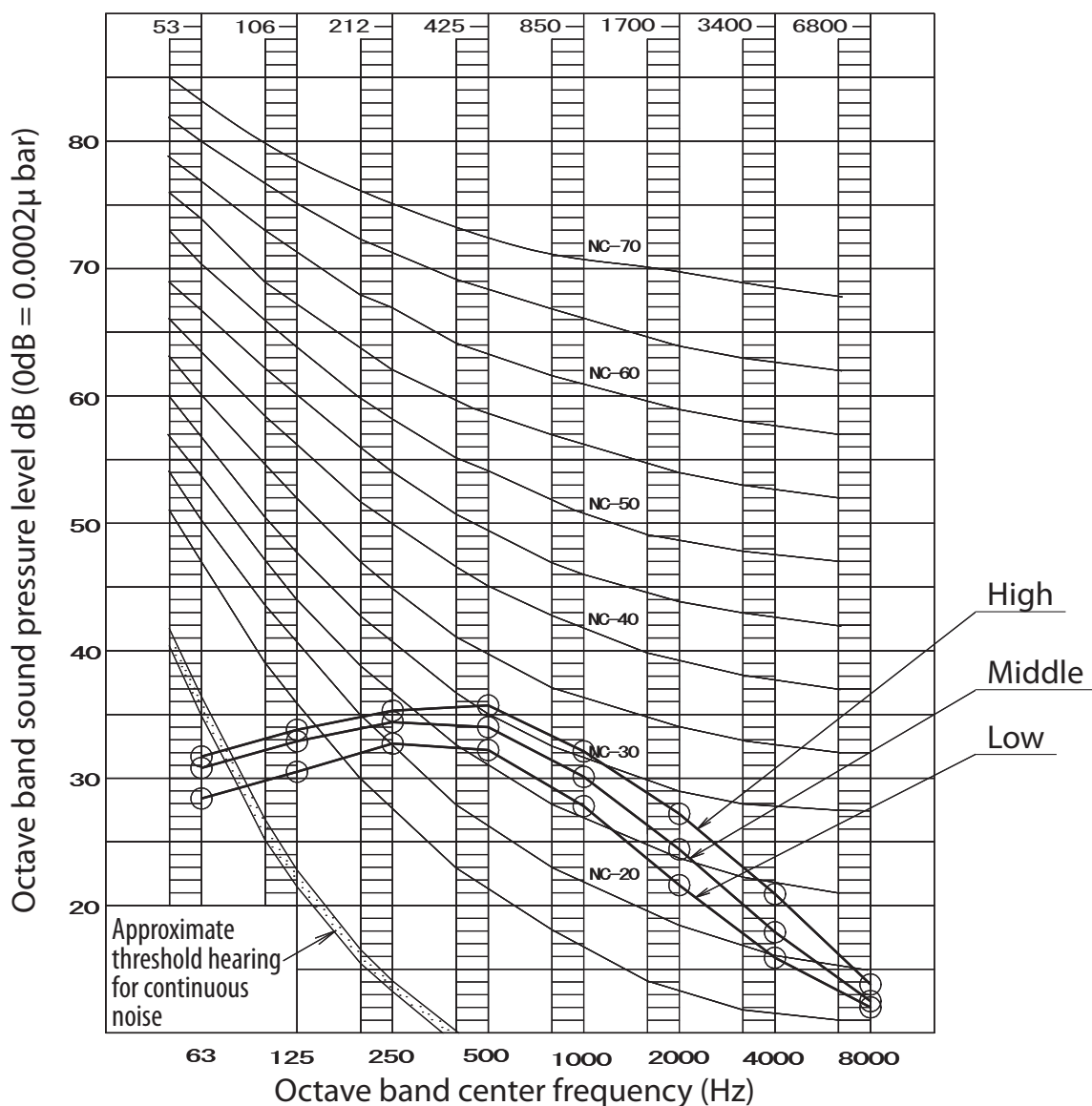


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10 Sound data

10 - 1 Sound Pressure Spectrum

FXHQ63A9



NOTES

1. Over All (dB):

Scale	High	Middle	Low
A	37.0	35.0	34.0
C	43.0	41.0	40.0

(B,G,N is already rectified)

2. Measuring place: Anechoic chamber

3. Operating conditions:

Power source:

• 220-240V/220V 50Hz/60Hz

Cooling

• Return air temperature: 27°CDB, 19°CWB

• Outdoor temperature: 35°CDB, 24°CWB

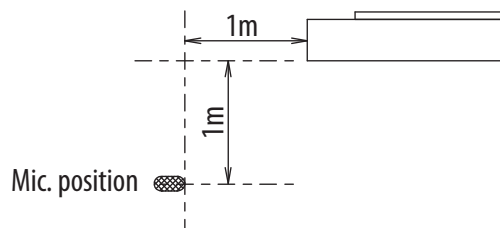
5. Operation noise differs with operation and ambient conditions.

Heating:

• Return air temperature: 20°CDB, 15°CWB

• Outdoor temperature: 7°CDB, 6°CWB

4. Location of microphone.

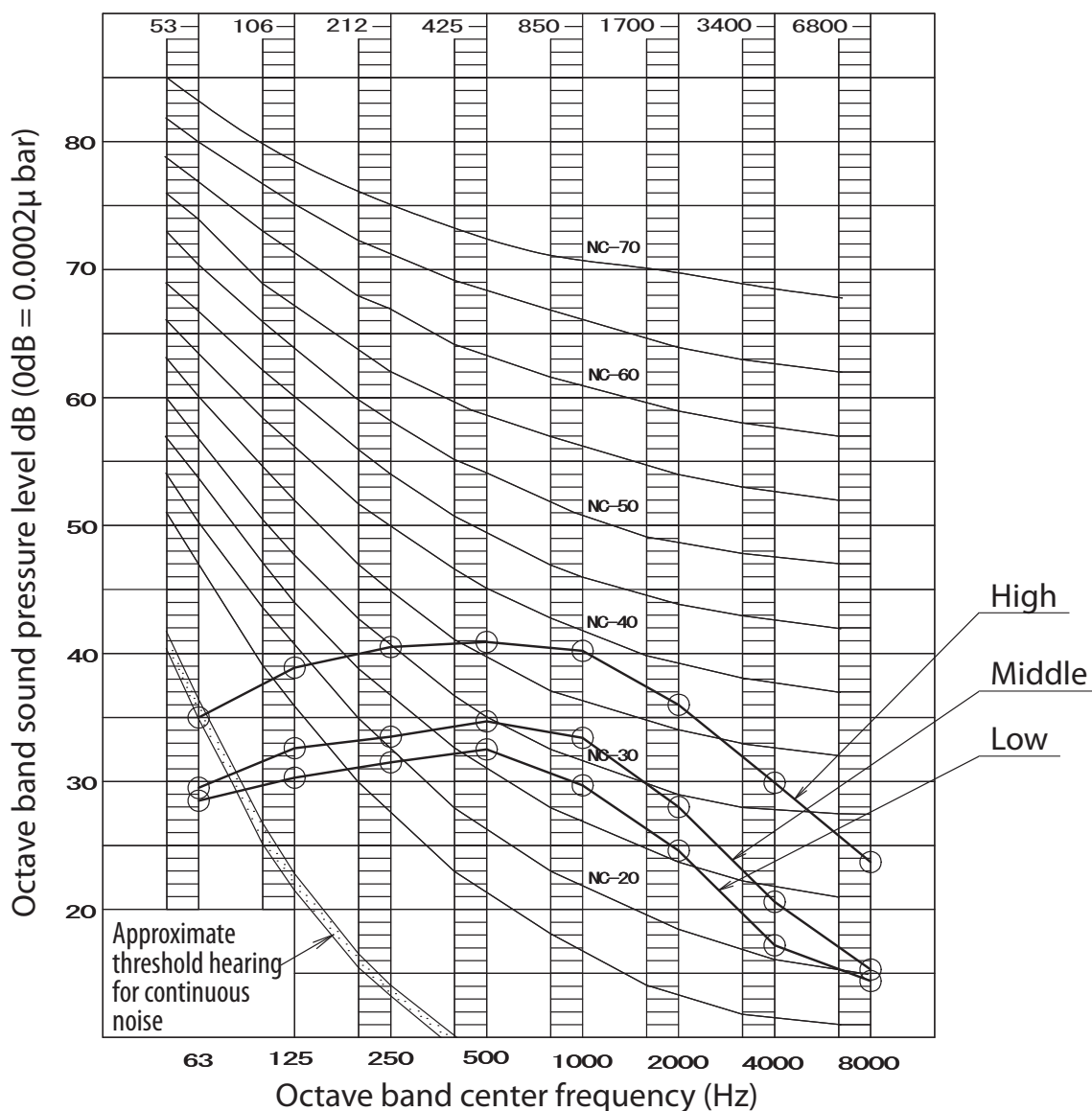


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10 Sound data

10 - 1 Sound Pressure Spectrum

FXHQ100A9



NOTES

1. Over All (dB):

Scale	High	Middle	Low
A	44.0	37.0	34.0
C	47.0	40.0	37.0

(B,G,N is already rectified)

2. Measuring place: Anechoic chamber

3. Operating conditions:

Power source:

• 220-240V/220V 50Hz/60Hz

Cooling

• Return air temperature: 27°CDB, 19°CWB

• Outdoor temperature: 35°CDB, 24°CWB

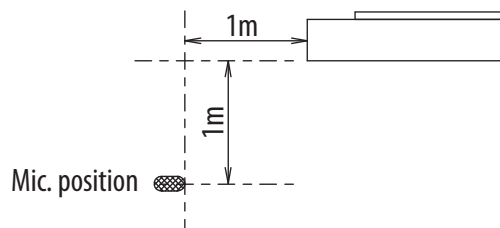
5. Operation noise differs with operation and ambient conditions.

Heating:

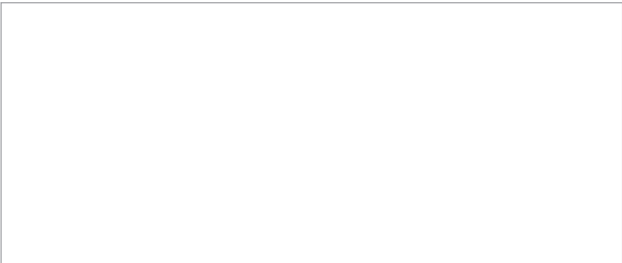
• Return air temperature: 20°CDB, 15°CWB

• Outdoor temperature: 7°CDB, 6°CWB

4. Location of microphone.



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