

Air Conditioning Technical Data

FTXC-B



- > FTXC20BV1B
- > FTXC25BV1B
- > FTXC35BV1B
- > FTXC50BV1B
- > FTXC60BV1B
- > FTXC71BV1B

TABLE OF CONTENTS

FTXC-B

1	Features	2
2	Specifications	3
	Technical Specifications	3
	Electrical Specifications	4
3	Dimensional drawings	5
4	Piping diagrams	6
5	Sound data	8
	Sound Pressure Spectrum	8

1 Features

Wall mounted unit, offering good value for money

- Flat, stylish front panel blends easily within any interior décor and is easier to clean
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Seasonal efficiency values up to A++ in cooling
- 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



Energy saving during standby mode



Fan only



Powerful mode



Auto cooling-heating changeover



Comfortable sleeping mode



Vertical auto swing



Auto fan speed



Fan speed steps



Dry programme



Titanium apatite deodorising filter



Air filter



24 hour timer



Infrared remote control



Online controller via app



Auto-restart



Self diagnosis

2 Specifications

2-1 Technical Specifications					FTXC20B	FTXC25B	FTXC35B	FTXC50B	FTXC60B	FTXC71B
Power input	Cooling	Nom.	kW		0.595	0.765	1.045	1.55	1.89	2.38
	Heating	Nom.	kW		0.67	0.75	1.07	1.515	1.68	2.46
Casing	Colour				White					
	Material				High impact polystyrene					
Dimensions	Unit	Height/Width/Depth	mm		288/785/250				297/1,005/288	
	Packed unit	Height/Width/Depth	mm		327/830/363				371/1,073/375	
Weight	Unit		kg		9.0		9.5		13.0	
	Packed unit		kg		11.5		12.0		16.0	
Packing	Material				EPS-Foam / Corrugated board					
	Weight		kg		2.5				3	
Heat exchanger	Length		mm		610				820	
	Rows	Quantity			2					
	Fin pitch		mm		1.41					
	Face area		m²		0.21				0.28	
	Stages	Quantity			18					
	Tube type				ø5 Hi-XB					
	Tube material				Copper					
	Tube diameter		mm		5					
	Fin	Type			Multi slit fin					
		Treatment			Hydrophilic					
Heat exchanger 2	Length		mm		-		600		810	
	Rows	Quantity			-		1			
	Fin pitch		mm		-		1.41			
	Face area		m²		-		0.09		0.19	
	Stages	Quantity			-		8		12	
Air filter	Type				Removable / washable					
	Quantity		pc		2					
Fan	Type				Cross flow fan					
	Quantity				1					
	Air flow rate	Cooling	High	m³/min	10.8			12.2	20.4	
				cfm	380			430	720	
			Mediu m	m³/min	8.8		9.1	10.2	15.9	
				cfm	310		320	360	560	
			Low	m³/min	6.5			8.2	13.6	
				cfm	230			290	480	
			Silent operati on	m³/min	5.4			7.4	10.2	
cfm				190			260	360		
Fan motor	Quantity				1					
	Model				M3WMY10/15/18/25A-1					
	Type				DC motor					
	Index of Protection				24					
	Insulation grade				Class "E"					
	Poles				8					
	Drive				Direct drive					
	Speed	Steps			3 steps, turbo, quiet, auto					
		Cooling	High/ Mediu m/Low/ Silent operati on	rpm	1,000/850/680/580		1,050/900/710/ 610	1,150/1,000/ 850/770	1,100/900/800/650	
	Output		Rated	W	38					
	Full load amps (FLA)	Cooling		A	0.14		0.15	0.19	0.43	
		Heating		A	0.14		0.15	0.19	0.43	
	Sound power level	Cooling			dBA	54		55	57	60

2 Specifications

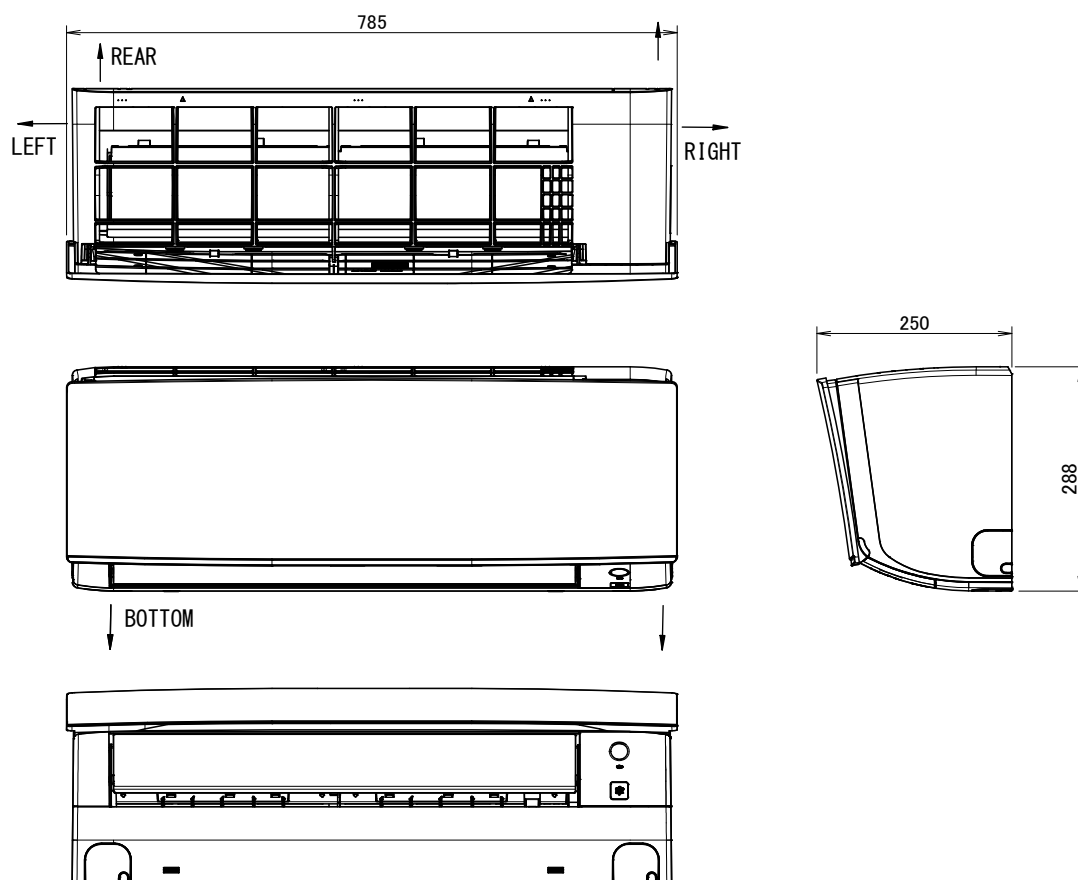
2-1 Technical Specifications				FTXC20B	FTXC25B	FTXC35B	FTXC50B	FTXC60B	FTXC71B
Sound pressure level	Cooling	High/Medium/ Low/Silent operation	dBA	38/33/26/20		39/34/26/21	45/39/33/29	46/42/38/30	
Control systems	Infrared remote control			BRC52B66					
Piping connections	Liquid	Type/OD	mm	Flare connection/6.4					
	Gas	Type/OD	mm	Flare connection/9.52			Flare connection/12.7		
	Drain			16.5					
	Heat insulation			Both liquid and gas pipes					
Temperature control				Microcomputer control					
Air direction control				Left, right, up and downwards					

2-2 Electrical Specifications				FTXC20B	FTXC25B	FTXC35B	FTXC50B	FTXC60B	FTXC71B
Power supply	Name			V1					
	Phase			1~					
	Frequency		Hz	50					
	Voltage		V	220-240					
Current - 50Hz	Maximum fuse amps (MFA)		A	16			20		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	3.01	3.05	4.21	6.25	7.24	9.00
		Heating	A	2.74	3.03	4.35	5.98	6.33	9.40
Power supply intake				Outdoor unit only					

3 Dimensional drawings

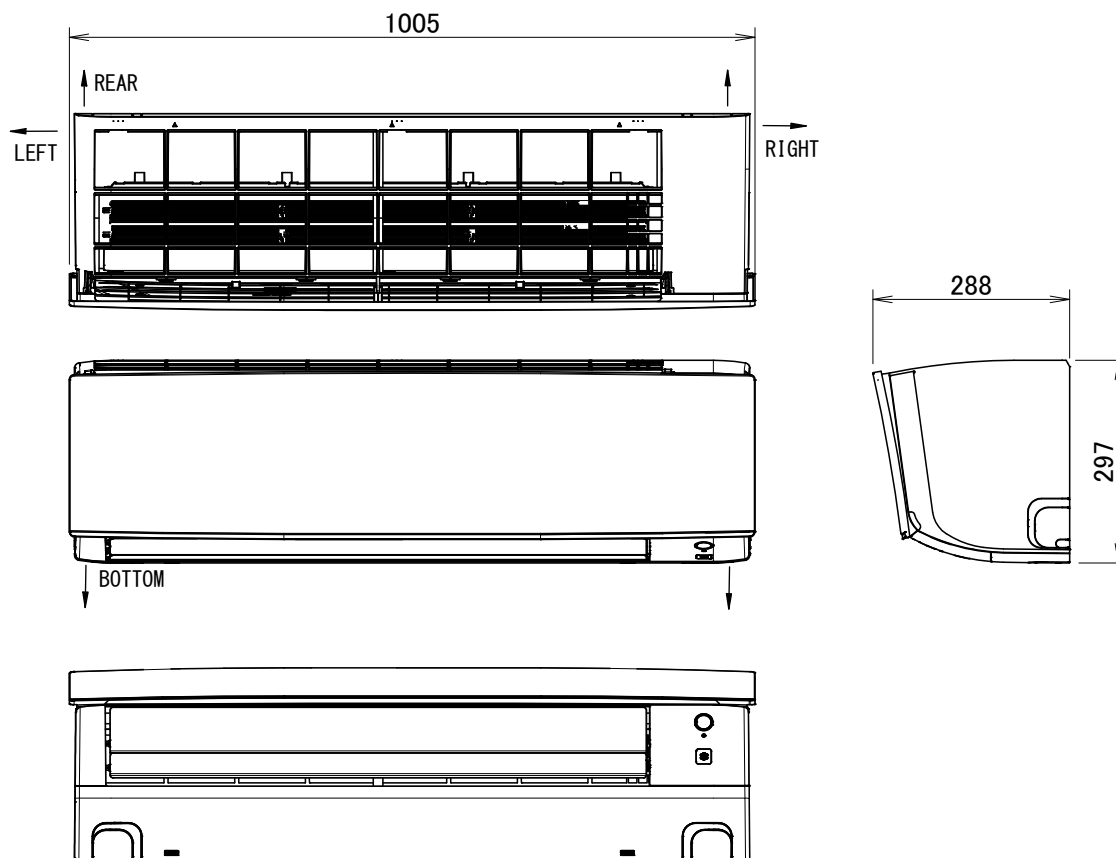
3 - 1 Dimensional Drawings

FTXC20-50B



3D120120

FTXC60-71B



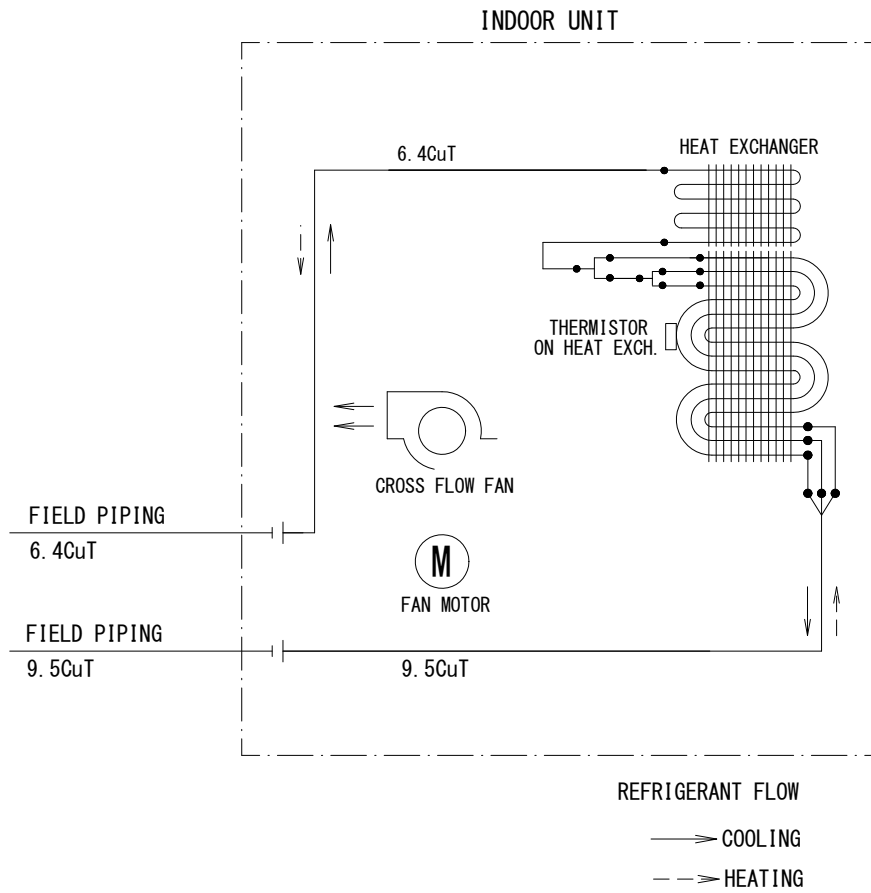
3D120315

4 Piping diagrams

4 - 1 Piping Diagrams

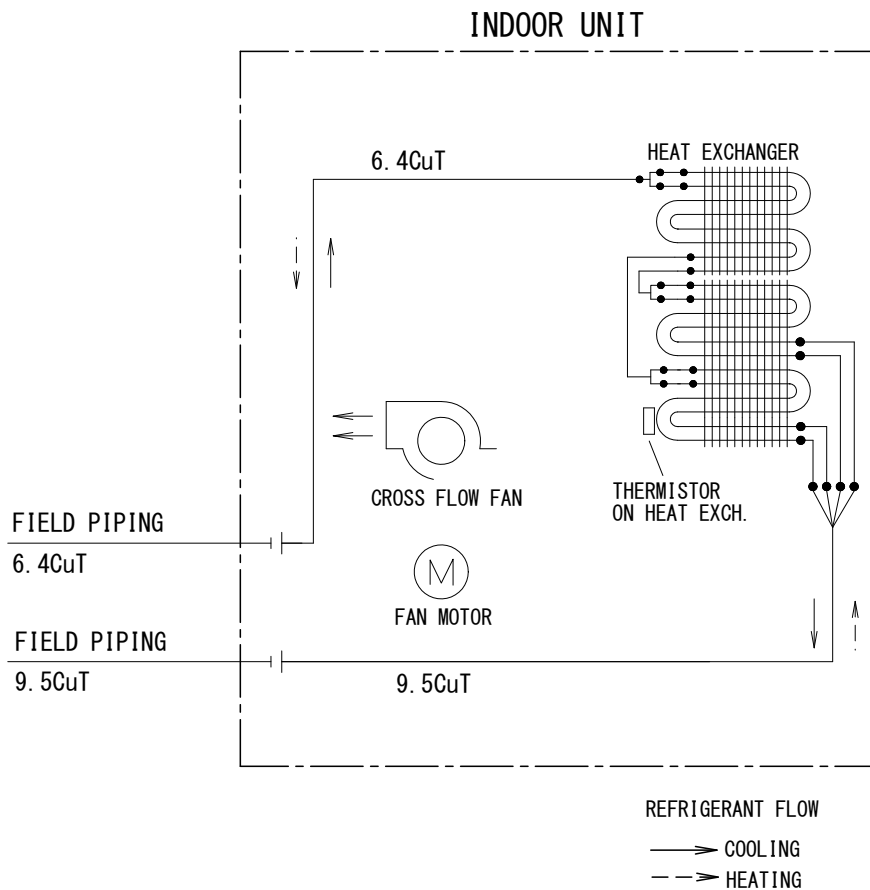
4

FTXC20-25B



3D120821

FTXC35B

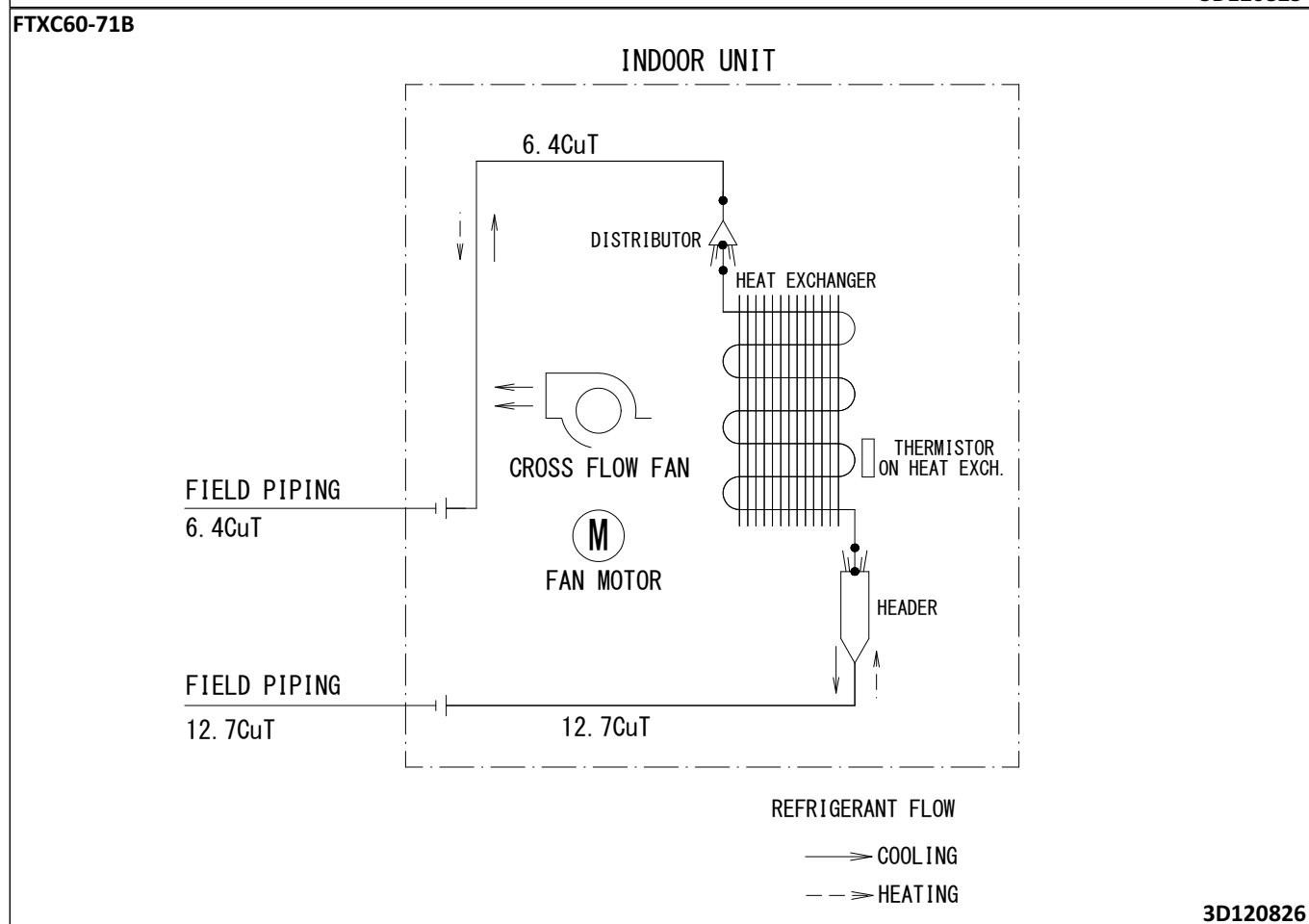
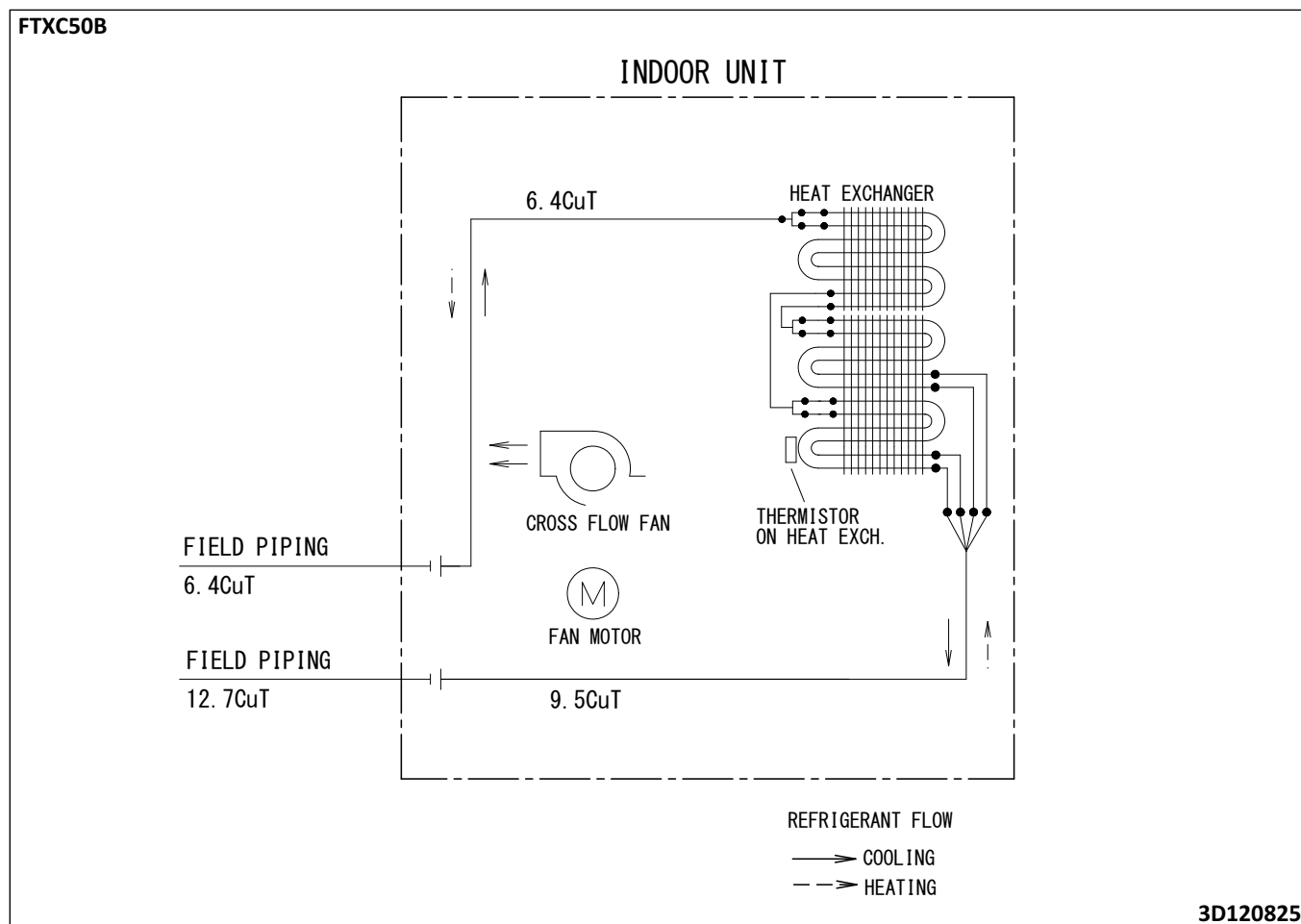


3D120823

6

4 Piping diagrams

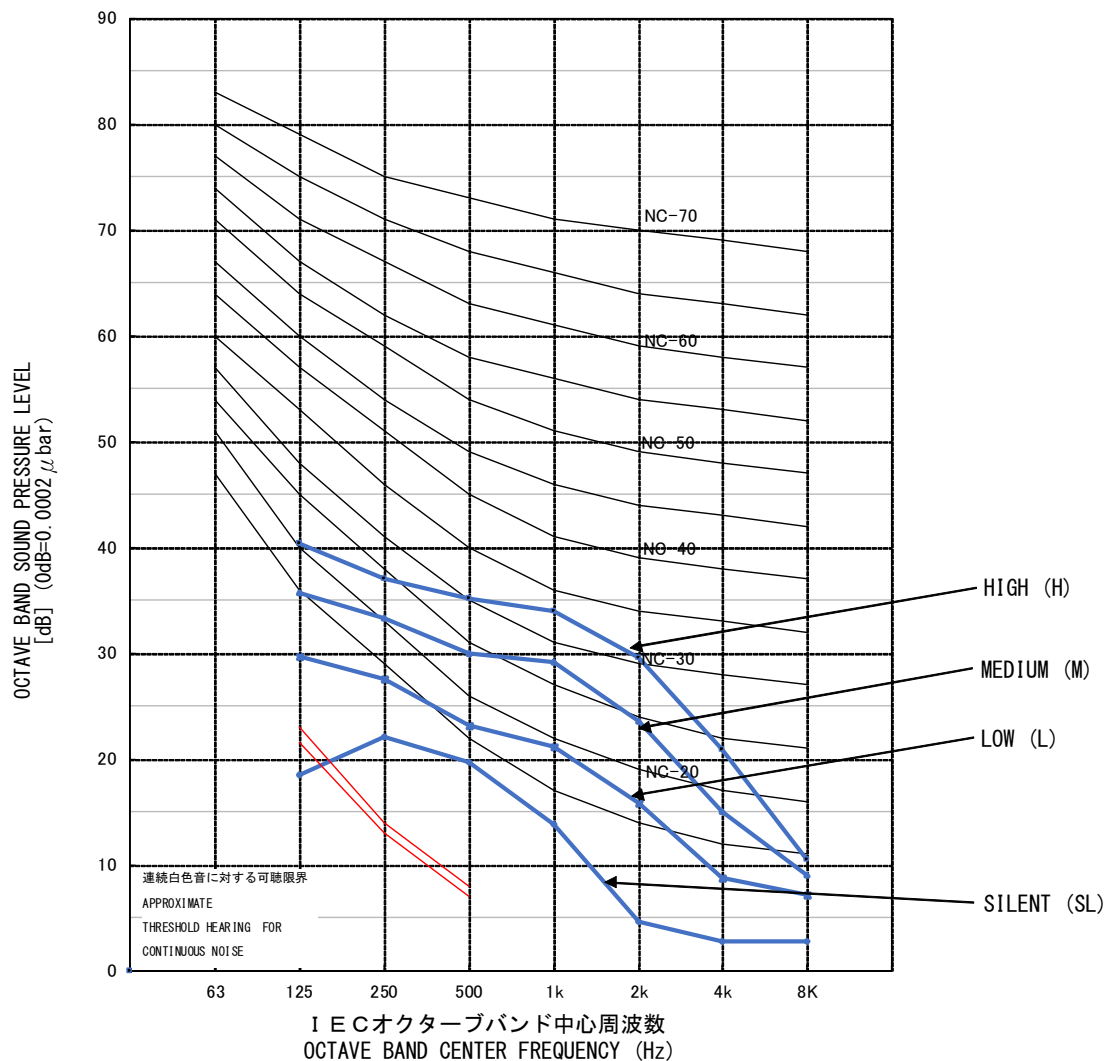
4 - 1 Piping Diagrams



5 Sound data

5 - 1 Sound Pressure Spectrum

FTXC20-25B



Testing Data Input								Overall (dBA)	Noise Criteria
Fan speed	125	250	500	1k	2k	4k	8K		
H	40	37	35	34	30	21	10	38	33
M	36	33	30	29	24	15	9	33	28
L	30	28	23	21	16	9	7	26	0
SL	18	22	20	14	5	3	3	20	0

測定場所 MEASURING PLACE

無響室
ANECHOIC CHAMBER

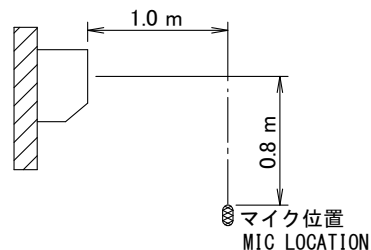
注) 運転音は、運転条件、周囲の状態等によって変わります。
NOTE: OPERATION NOISE DIFFERS WITH OPERATION
AND AMBIENT CONDITIONS.

運転条件 OPERATING CONDITIONS

電源
POWER SOURCE 200-240V 50Hz
JIS標準
STANDARD

マイクロホン位置 LOCATION OF MICROPHONE

JIS C 9612 運転音測定方法による。
THE OPERATION NOISE MEASURING METHOD IS
IN ACCORDANCE WITH JIS C 9612.

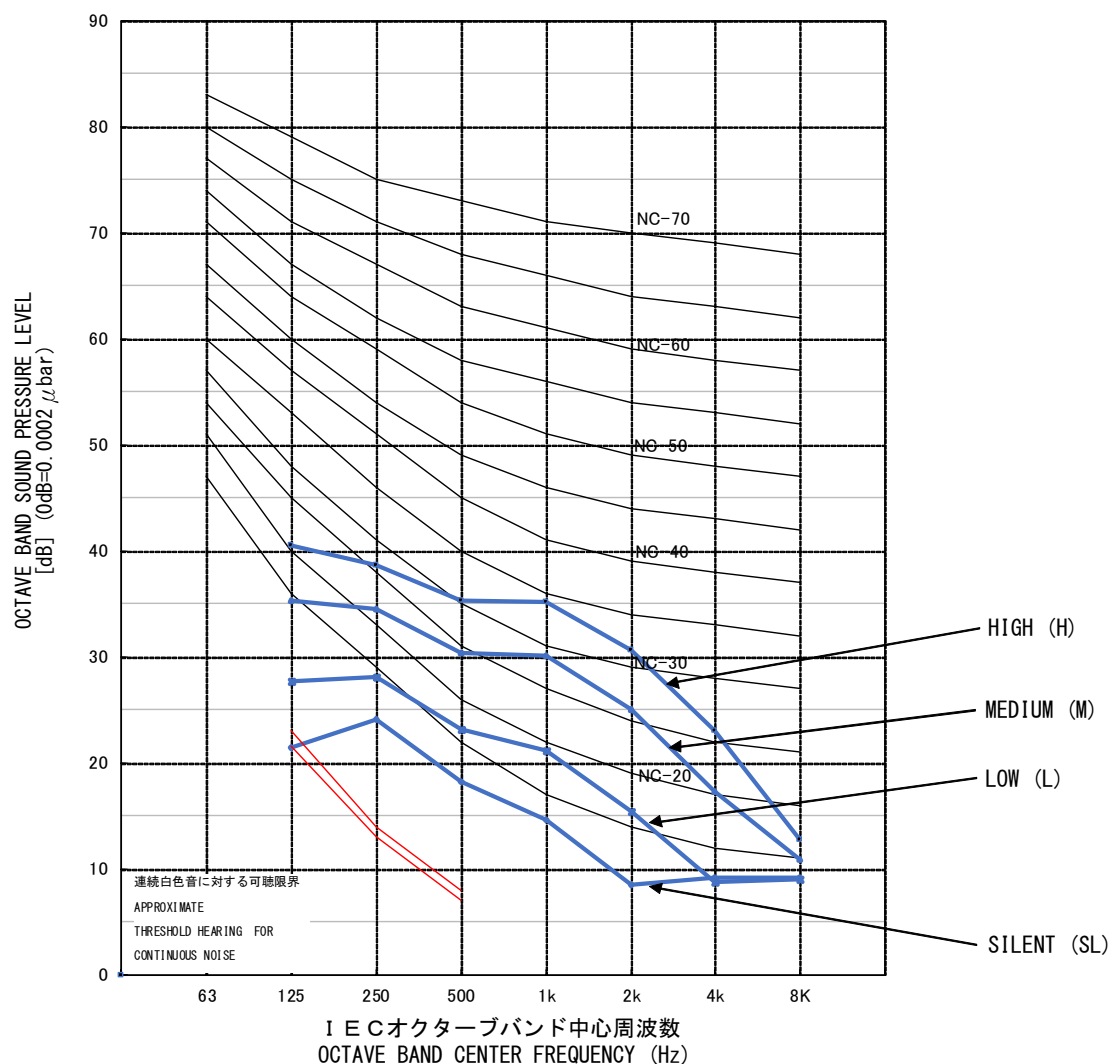


3D118138A

5 Sound data

5 - 1 Sound Pressure Spectrum

FTXC35B



Testing Data Input								Overall (dBA)	Noise Criteria
Fan speed	125	250	500	1k	2k	4k	8K		
H	40	39	35	35	31	23	13	39	34
M	35	34	30	30	25	17	11	34	29
L	28	28	23	21	15	9	9	26	0
SL	21	24	18	15	9	9	9	21	0

測定場所 MEASURING PLACE

無響室
ANECHOIC CHAMBER

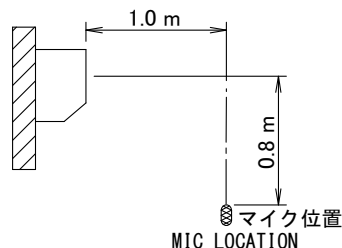
注) 運転音は、運転条件、周囲の状態等によって変わります。
NOTE: OPERATION NOISE DIFFERS WITH OPERATION AND AMBIENT CONDITIONS.

運転条件 OPERATING CONDITIONS

電源
POWER SOURCE 200-240V 50Hz
JIS標準
STANDARD

マイクロホン位置 LOCATION OF MICROPHONE

JISC9612 運転音測定方法による。
THE OPERATION NOISE MEASURING METHOD IS IN ACCORDANCE WITH JISC9612.

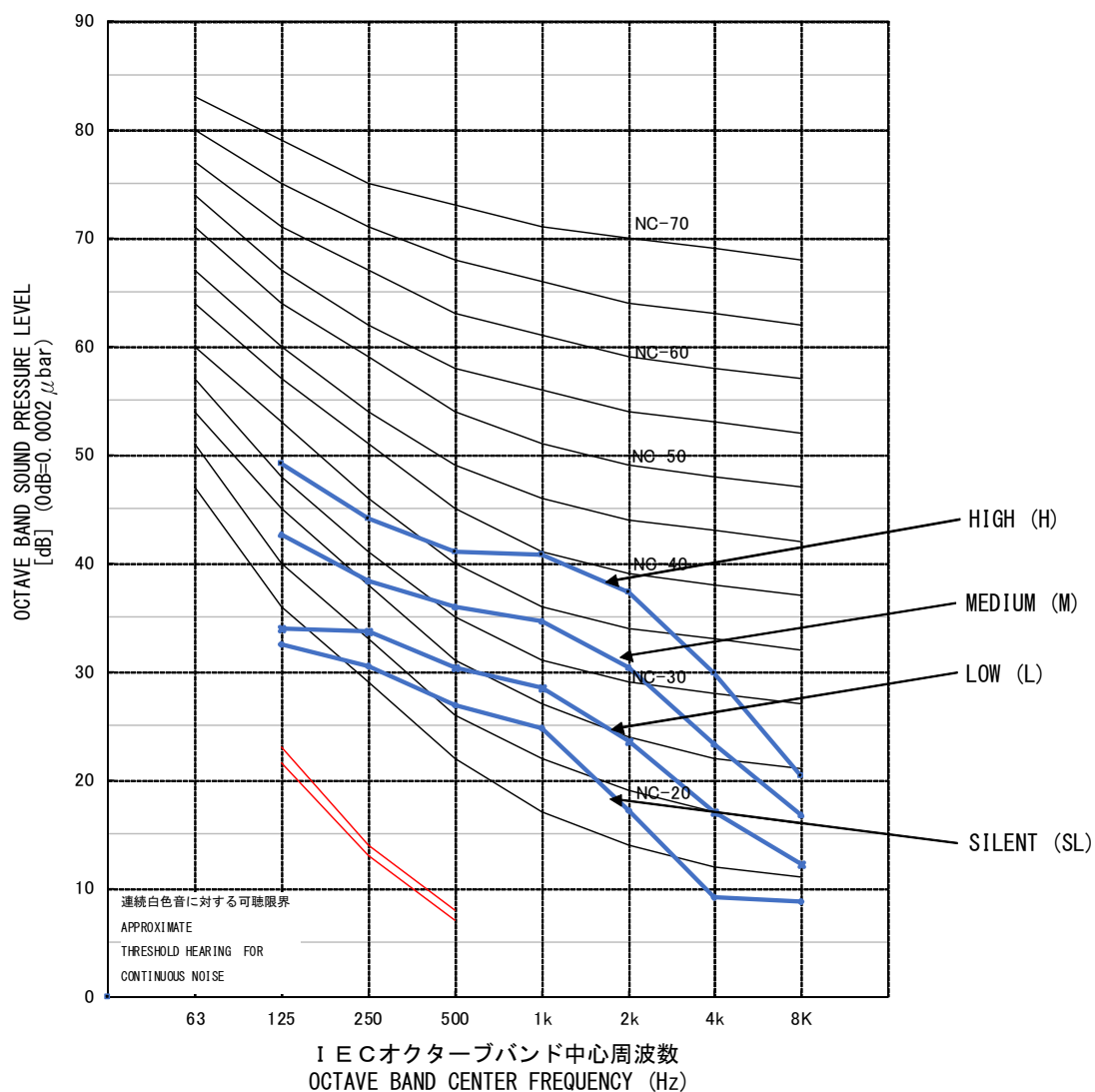


3D118140A

5 Sound data

5 - 1 Sound Pressure Spectrum

FTXC50B



Testing Data Input								Overall (dBA)	Noise Criteria
Fan speed	125	250	500	1k	2k	4k	8K		
H	49	44	41	41	37	30	20	45	40
M	43	38	36	35	30	23	17	39	34
L	34	34	30	28	23	17	12	33	28
SL	32	30	27	25	17	9	9	29	23

測定場所 MEASURING PLACE

無響室
ANECHOIC CHAMBER

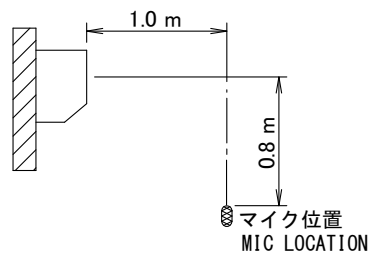
注) 運転音は、運転条件、周囲の状態等によって変わります。
NOTE: OPERATION NOISE DIFFERS WITH OPERATION AND AMBIENT CONDITIONS.

運転条件 OPERATING CONDITIONS

電源
POWER SOURCE 200-240V 50Hz
JIS標準
STANDARD

マイクロホン位置 LOCATION OF MICROPHONE

JIS C 9612 運転音測定方法による。
THE OPERATION NOISE MEASURING METHOD IS
IN ACCORDANCE WITH JISC9612.

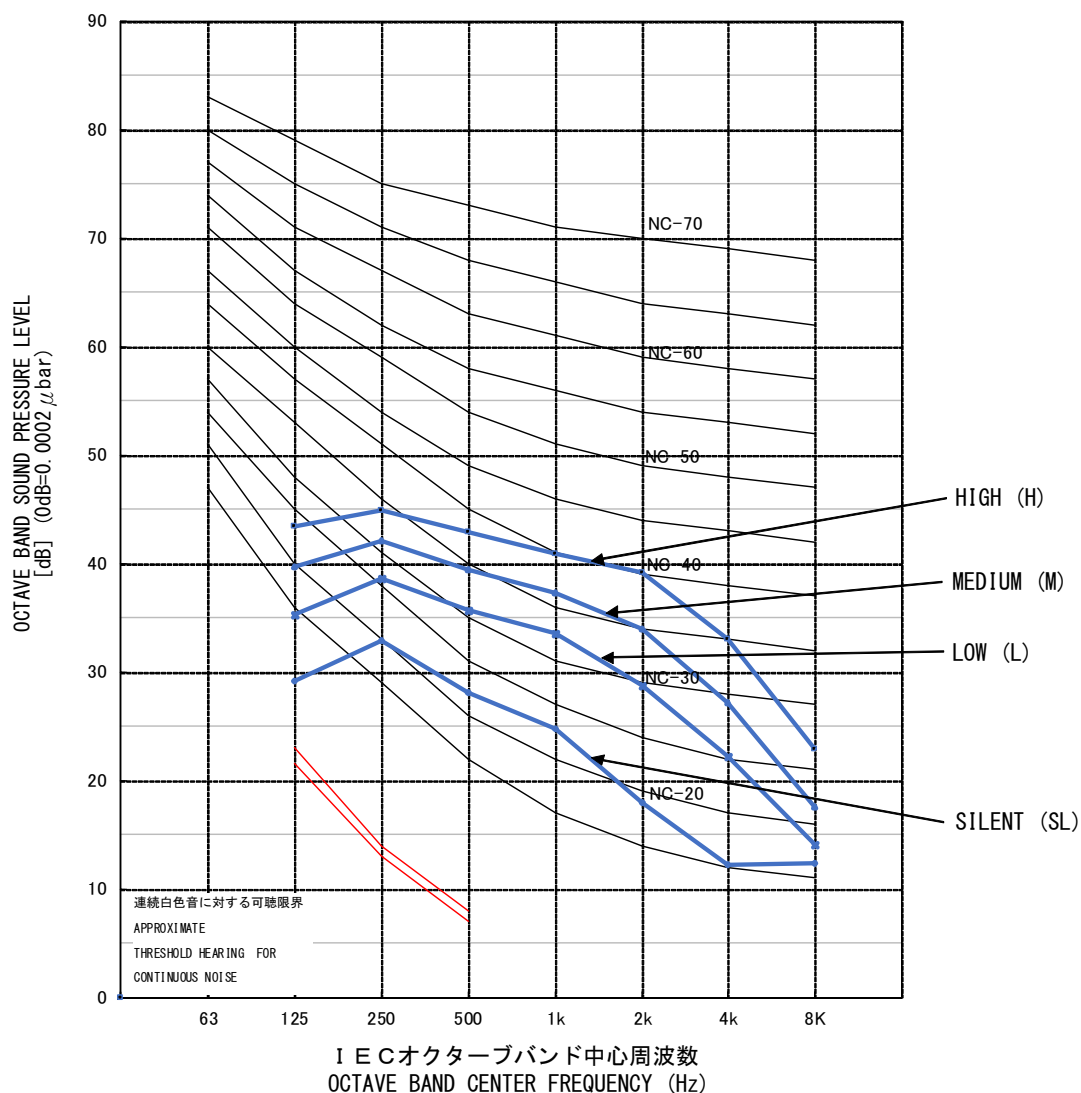


3D118141A

5 Sound data

5 - 1 Sound Pressure Spectrum

FTXC60-71B



Testing Data Input								Overall (dBA)	Noise Criteria
Fan speed	125	250	500	1k	2k	4k	8K		
H	43	45	43	41	39	33	23	46	40
M	40	42	39	37	34	27	18	42	36
L	35	39	36	33	29	22	14	38	33
SL	29	33	28	25	18	12	12	30	23

測定場所 MEASURING PLACE

無響室
ANECHOIC CHAMBER

注) 運転音は、運転条件、周囲の状態等によって変わります。

NOTE: OPERATION NOISE DIFFERS WITH OPERATION AND AMBIENT CONDITIONS.

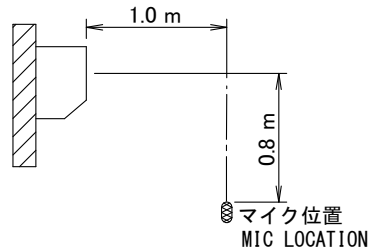
運転条件 OPERATING CONDITIONS

電源
POWER SOURCE 200-240V 50Hz

JIS標準
STANDARD

マイクロホン位置 LOCATION OF MICROPHONE

JIS C 9612 運転音測定方法による。
THE OPERATION NOISE MEASURING METHOD IS
IN ACCORDANCE WITH JIS C 9612.



3D118142A

Daikin Europe N.V. Naamloze Vennootschap - Zandvoordestraat 300, B-8400 Oostende - Belgium - www.daikin.eu - BE 0412 120 336 - RPR Oostende



EEEN20

02/20



Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages and Hydronic Heat Pumps, Fan Coil Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate: www.eurovent-certification.com



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.