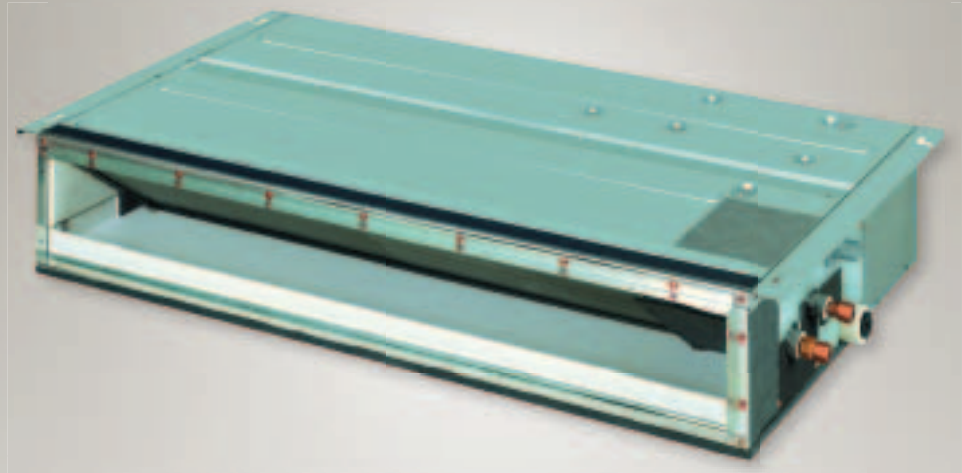




Air Conditioners

Technical Data

Concealed Ceiling Unit



EEDEN10-100

FDXS-C

Air Conditioners

Technical Data

Concealed Ceiling Unit



EEDEN10-100

FDXS-C

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1 Features

- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths
- Home leave operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air



5 steps



standard

2 Specifications

2-1 Technical Specifications				FDXS50C7VMB		FDXS60C7VMB		
Power input - 50Hz	Cooling	Nom.	kW	0.140		0.160		
Dimensions	Unit	Height	mm	200				
		Width	mm	900		1100		
		Depth	mm	620				
	Packed unit	Height	mm	266				
		Width	mm	1106		1306		
Depth		mm	751					
Weight	Unit		kg	27.0		30.0		
	Packed unit		kg	34.0		37.0		
Heat exchanger	Rows	Quantity		3		2		
	Fin pitch		mm	1.5				
	Stages	Quantity		12				
	Tube type			ø7 Hi-XSS				
	Fin	Type		ML fin (Multi louver)				
Fan	Type			Sirocco fan				
	Air flow rate	Cooling	High	m ³ /min	12.0		16.0	
				cfm	424		565	
			Nom.	m ³ /min	11.0		14.8	
				cfm	388		523	
			Low	m ³ /min	10.0		13.5	
				cfm	353		477	
			Silent operation	m ³ /min	8.4		11.2	
		cfm		297		395		
		Heating	High	m ³ /min	12.0		16.0	
				cfm	424		565	
			Nom.	m ³ /min	11.0		14.8	
				cfm	388		523	
			Low	m ³ /min	10.0		13.5	
				cfm	353		477	
	Silent operation		m ³ /min	8.4		11.2		
		cfm	297		395			
External static pressure	Nom.		Pa	40				
Fan motor	Quantity			1				
	Model			130J-23				
	Speed	Steps			5 + silent, + auto			
		Cooling	High	rpm	1270		1280	
				Medium	1180		1160	
			Low	rpm	1080		1040	
				Silent operation	rpm	930		890
		Heating	High	rpm	1270		1280	
				Medium	1180		1160	
			Low	rpm	1080		1040	
Silent operation	rpm			930		890		
Output	High		W	130				
Sound power level	Cooling	High	dBA	55.0		56.0		
	Heating	High	dBA	55.0		56.0		
Sound pressure level	Cooling	High	dBA	37.0		38.0		
		Nom.	dBA	35.0		36.0		
		Low	dBA	33.0		34.0		
		Silent operation	dBA	31.0		32.0		
	Heating	High	dBA	37.0		38.0		
		Nom.	dBA	35.0		36.0		
		Low	dBA	33.0		34.0		
		Silent operation	dBA	31.0		32.0		
Piping connections	Sound absorbing insulation			-				

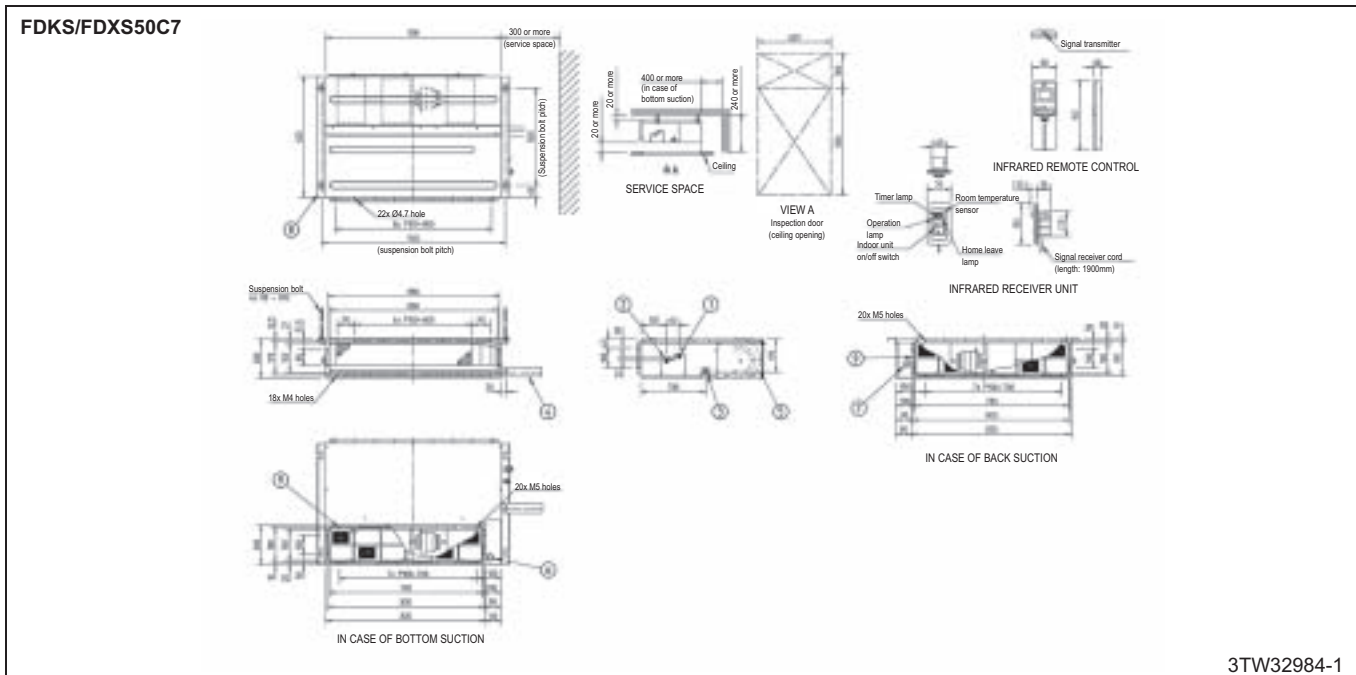
2 Specifications

2-1 Technical Specifications	FDXS50C7VMB	FDXS60C7VMB
Air filter	Removable/washable/Mildew proof	
Temperature control	Microcomputer control	
Notes	SL: The silent fan level of the air flow rate setting	

2-2 Electrical Specifications			FDXS50C7VMB	FDXS60C7VMB
Power supply	Name		VM	
	Phase		1~	
	Frequency	Hz	50/60	
	Voltage	V	220-240/220-230	
Wiring connections - 50Hz	For power supply	Quantity	3	
		Remark	4 for interunit wiring (earth wire included)	

3 Dimensional drawings

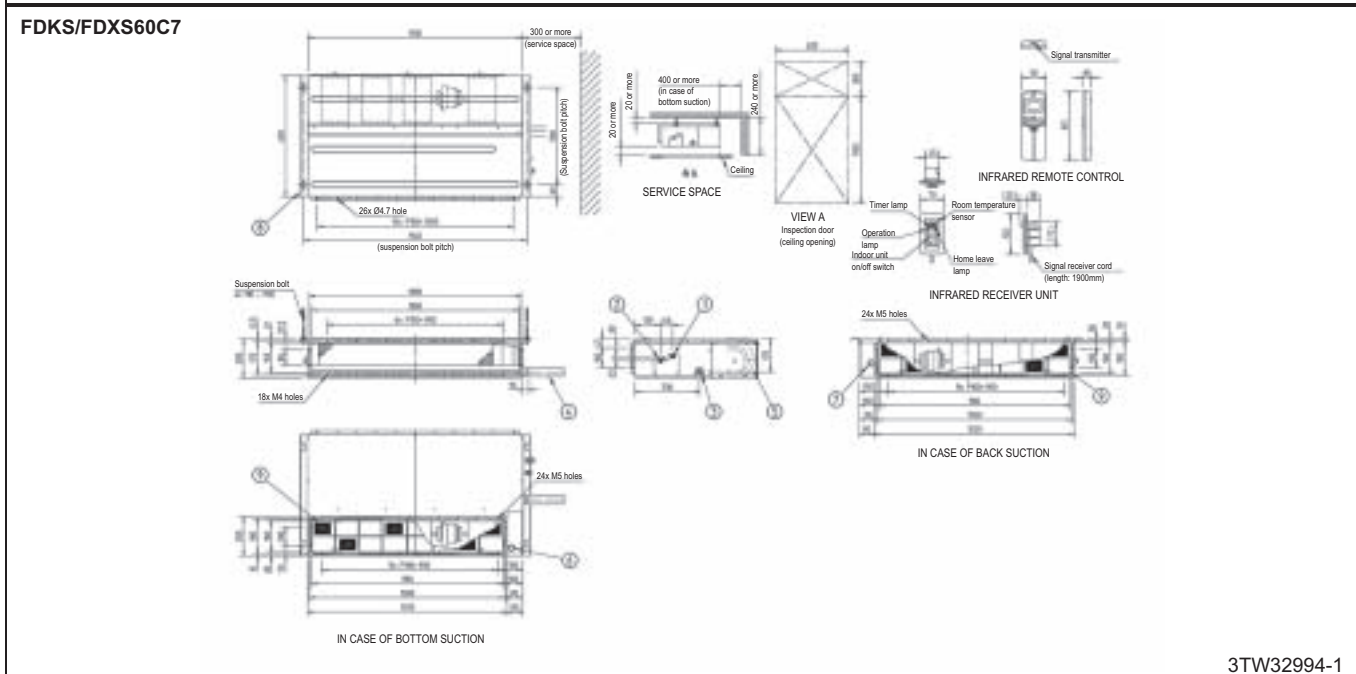
3 - 1 Dimensional Drawings



3TW32984-1

Item	Name	Description
1	Liquid pipe connection	Ø6.4 Flare connection
2	Gas pipe connection	Ø12.7 Flare connection
3	Socket for drain	VP20 (OD Ø26, ID Ø20)
4	Drain hose (accessory)	ID Ø25 (Outlet)
5	Control box	
6	Infrared receiver unit connection	
7	Power supply connection	
8	Suspension bracket	
9	Air filter (accessory)	

- NOTES**
- In case of back suction, mount chamber cover to bottom side of the unit. In case of bottom suction, mount chamber cover to back side of the unit.
 - Location of unit name plate: control box cover.
 - Mount the air filter at the suction side. (Use an air filter whose dust collecting efficiency is at least 50% in a gravimetric technique). It can not be equipped with air filter (accessory) when connecting duct to suction side.



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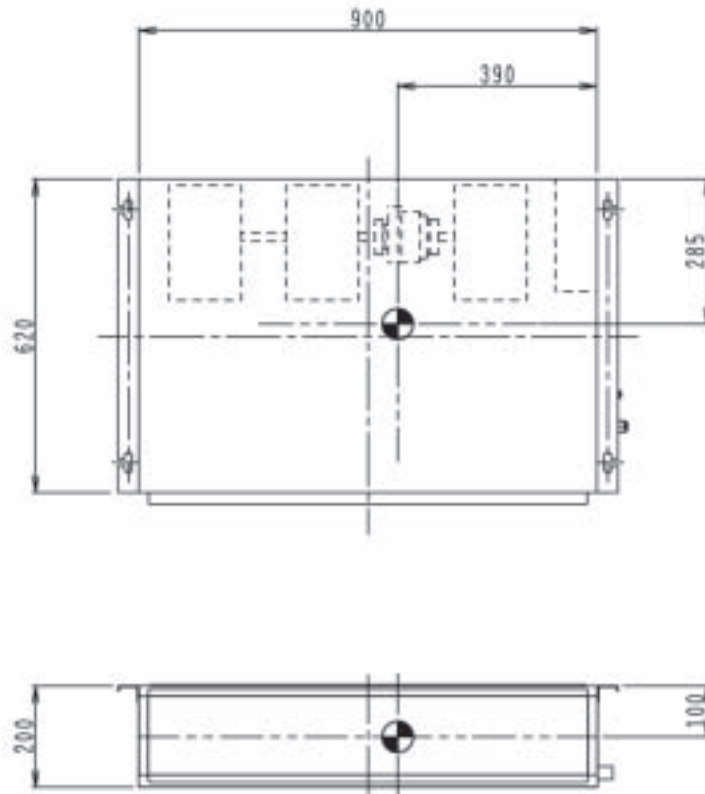
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4 Centre of gravity

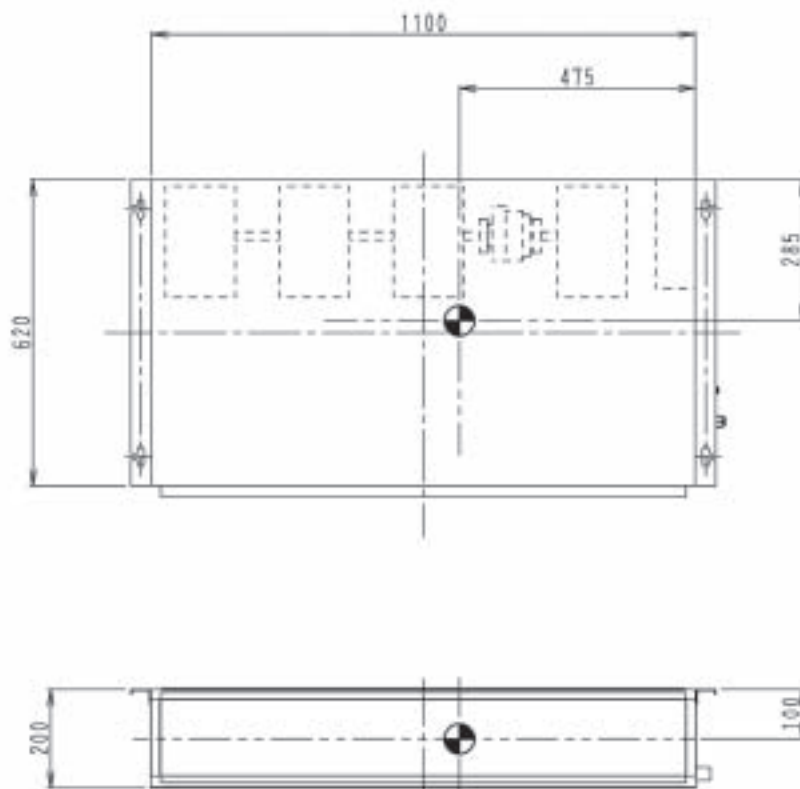
4 - 1 Centre of Gravity

FDKS/FDXS50C7



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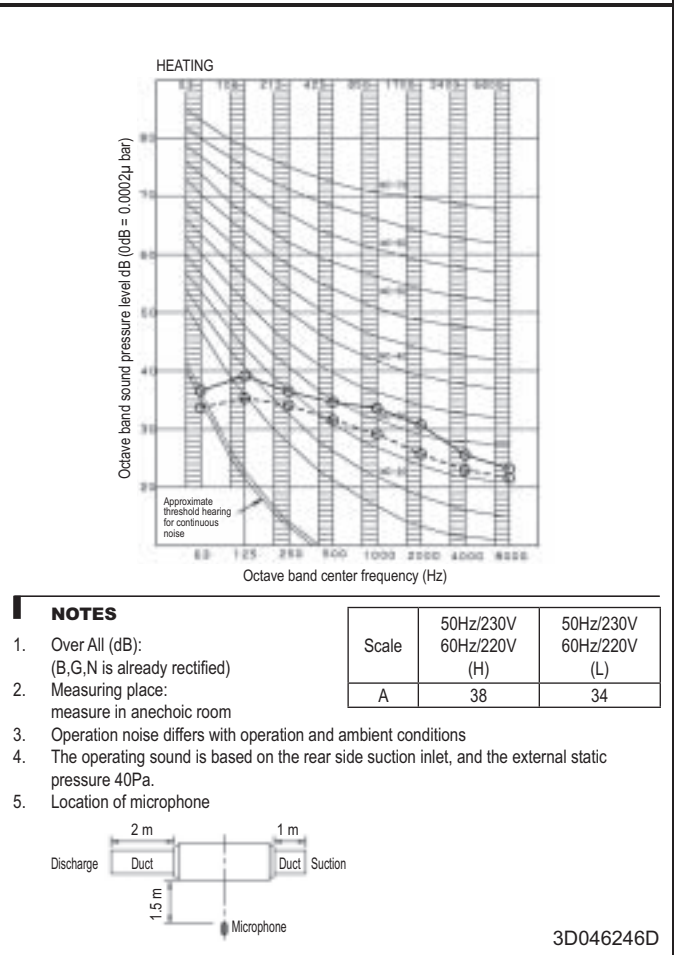
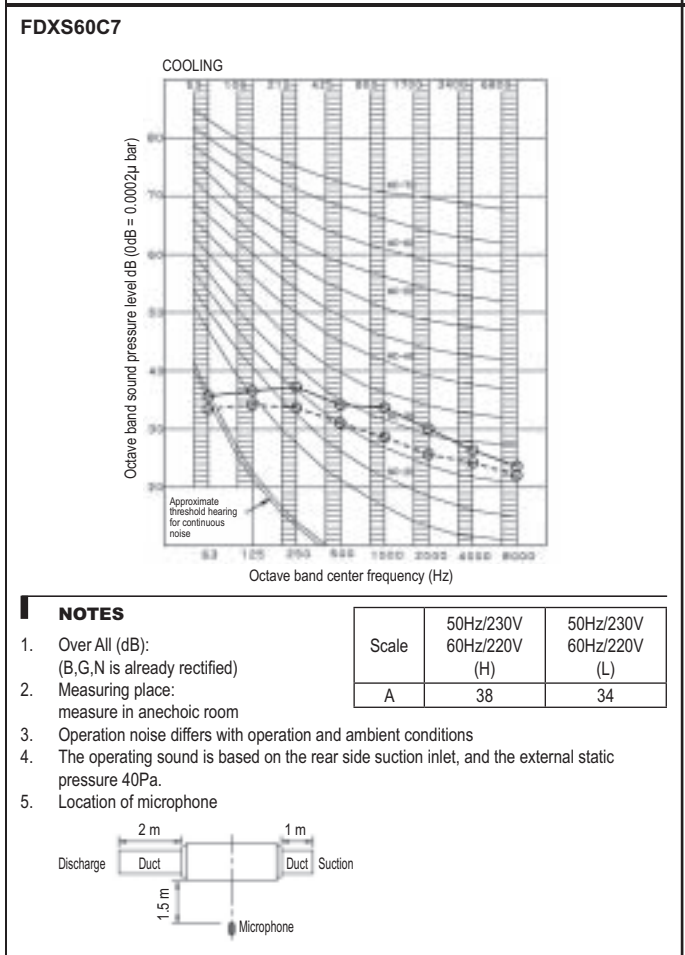
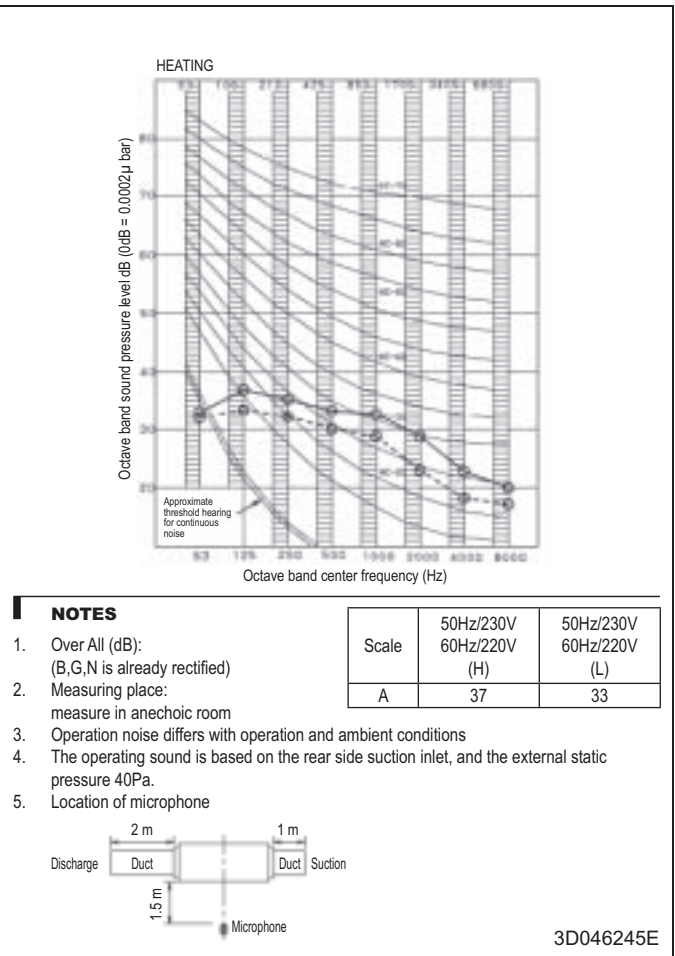
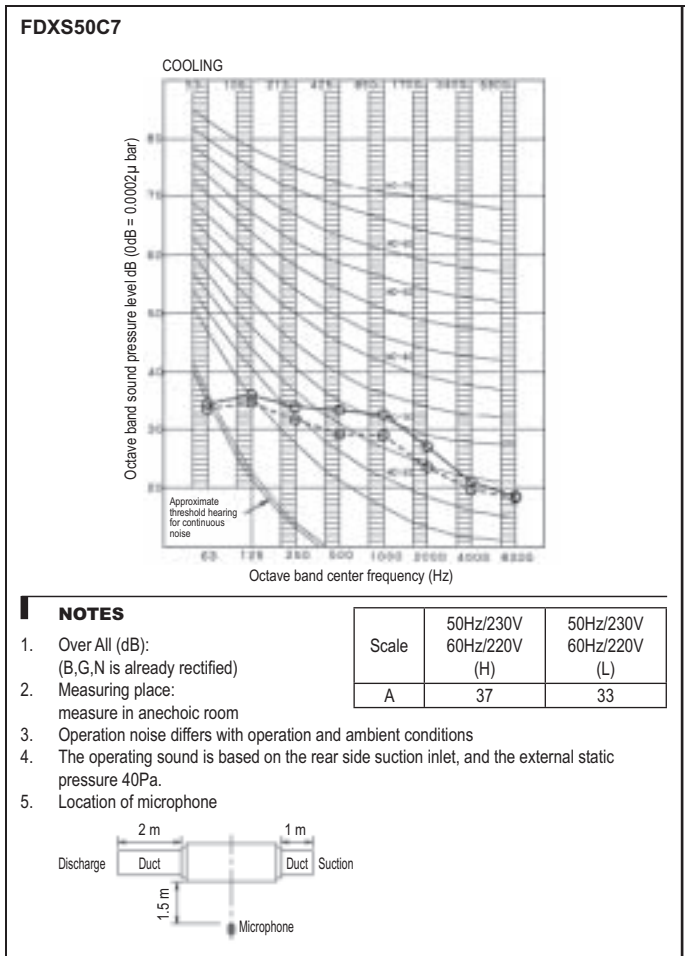
FDKS/FDXS60C7



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5 Sound data

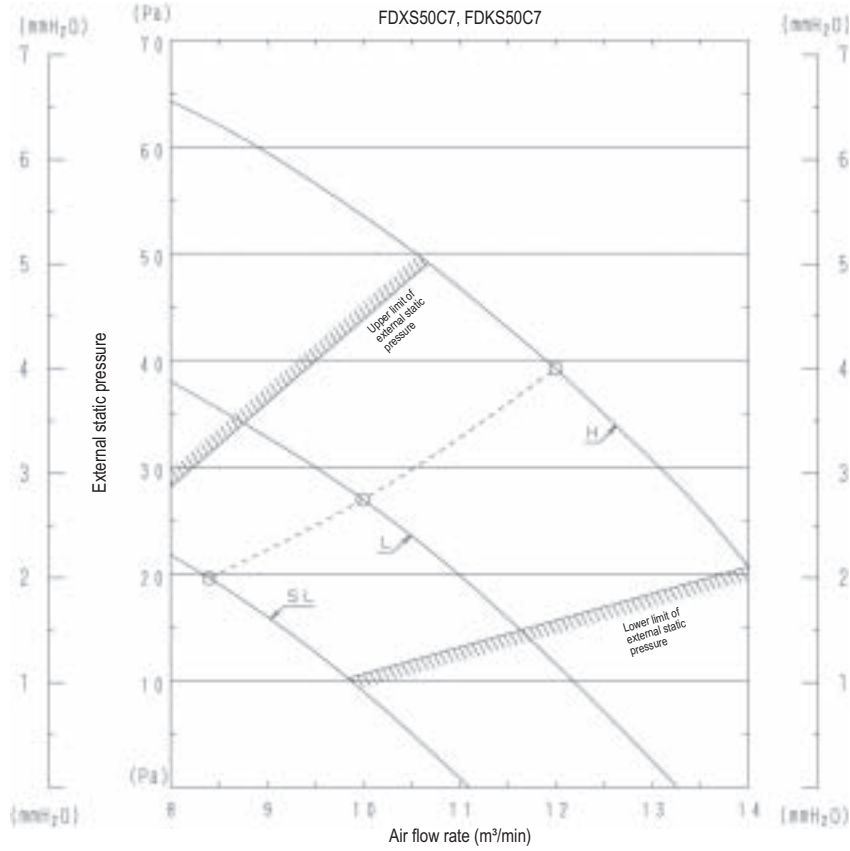
5 - 1 Sound Pressure Spectrum



6 Fan characteristics

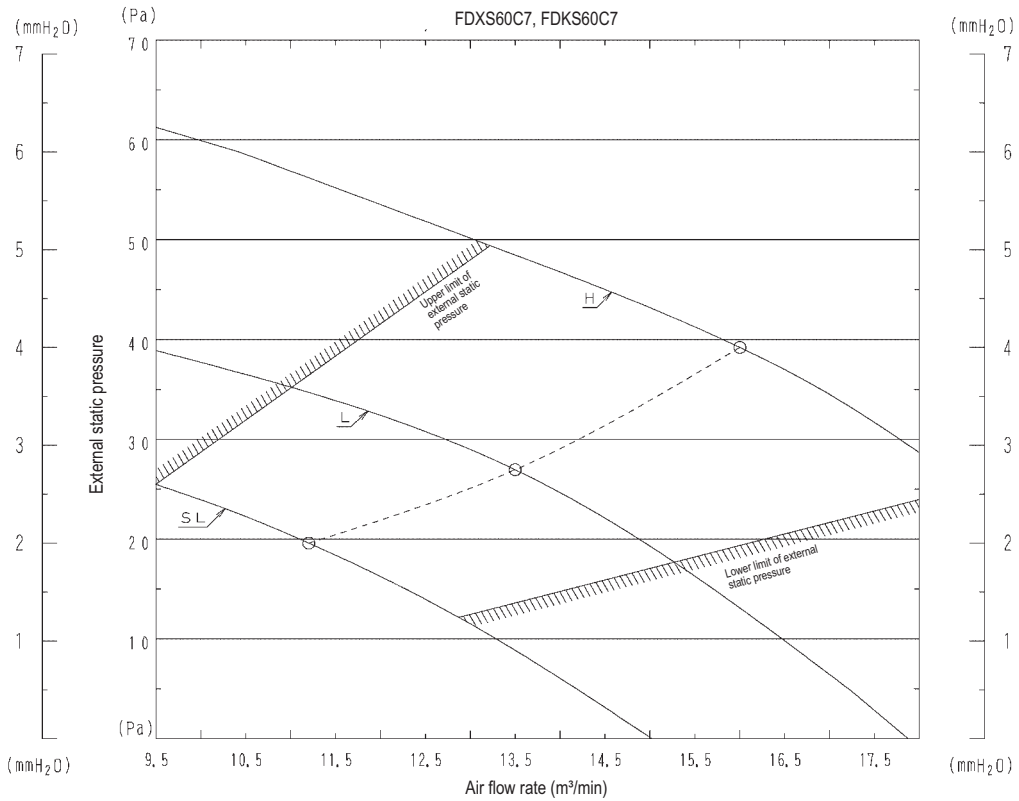
6 - 1 Fan Characteristics

FDKS/FDXS50C7



3D045762E

FDKS/FDXS60C7



3D045763D



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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