

Air Conditioning Technical Data

ATXC-B



- > ATXC20BV1B
- > ATXC25BV1B
- > ATXC35BV1B
- > ATXC50BV1B
- > ATXC60BV1B
- > ATXC71BV1B

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1 Features

Siesta 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
- Whisper quiet in operation down to 20 dBA
- 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



Air filter



24 hour timer



Infrared remote control



Online controller via app



Auto-restart



Self diagnosis

2 Specifications

2-1 Technical Specifications					ATXC20B	ATXC25B	ATXC35B	ATXC50B	ATXC60B	ATXC71B		
Power input	Cooling	Nom.	kW	0.600	0.775	1.06	1.57	1.92	2.41			
	Heating	Nom.	kW	0.670	0.755	1.08	1.52	1.73	2.49			
Casing	Colour				White							
	Material				High impact polystyrene							
Dimensions	Unit	Height/Width/Depth	mm	288/785/250				297/1,010/288				
	Packed unit	Height/Width/Depth	mm	327/830/363				371/1,073/375				
Weight	Unit		kg	9.00		9.50		13.0				
	Packed unit		kg	12				16				
Packing	Material				EPS-Foam / Corrugated board							
	Weight		kg	3								
Heat exchanger	Length		mm	610				820				
	Rows	Quantity			2							
	Fin pitch		mm	1.41								
	Face area		m²	0.210				0.280				
	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	-		0.090		0.190				
	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			
			Medium	m³/min	9		10		16			
				cfm	310		320		360		560	
			Low	m³/min	6.5		8.2		13.6			
				cfm	230		290		480			
			Silent operation	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/Medium/Low/Silent operation	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						
		Heating		A		0						
Sound power level	Cooling			dBA	54		55		57		60	

2 Specifications

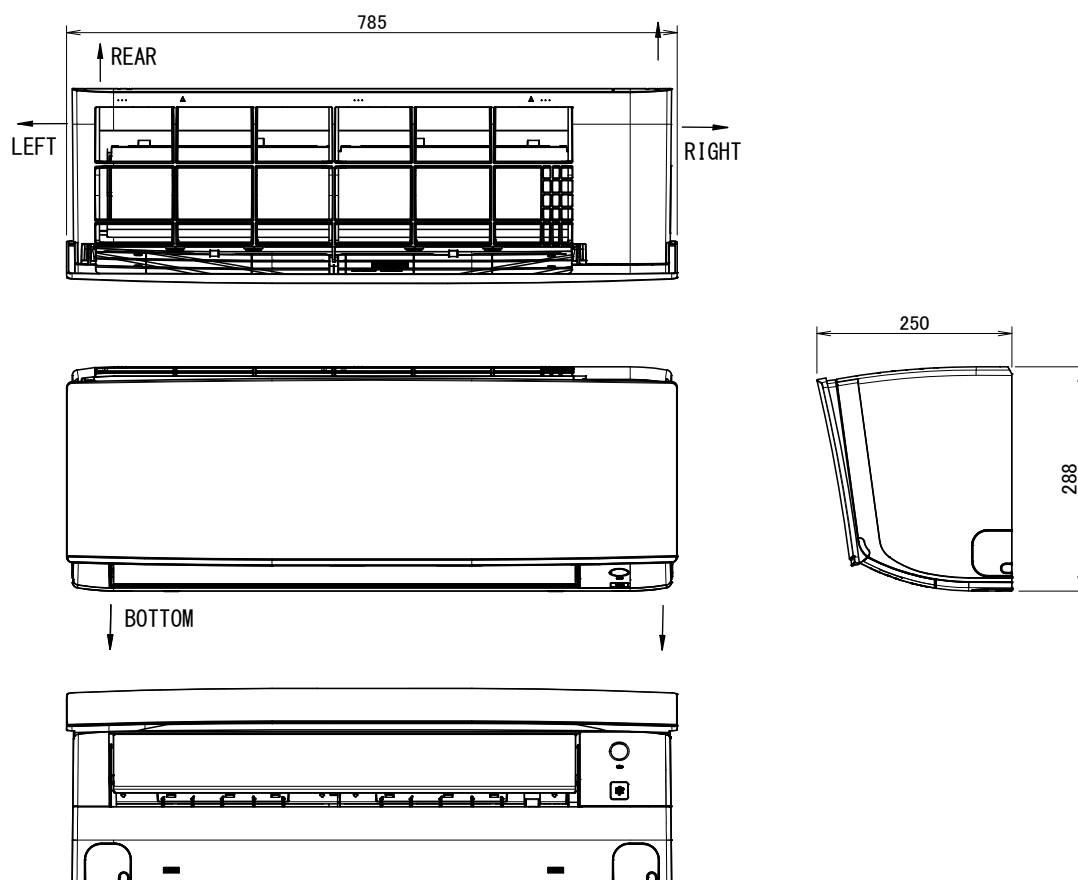
2-1 Technical Specifications				ATXC20B	ATXC25B	ATXC35B	ATXC50B	ATXC60B	ATXC71B
Sound pressure level	Cooling	High/Medium/ Low/Silent operation	dBA	38/33/26/20		39/34/26/21	45/39/33/29	46/42/38/30	
Control systems	Infrared remote control			BRC52B66					
Piping connections	Liquid	Type/OD	mm	Flare connection/6,4					
	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				ATXC20B	ATXC25B	ATXC35B	ATXC50B	ATXC60B	ATXC71B
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	3.5		4.8	6.9	8.4	10.6
		Heating	A	3.2	3.5	4.9	6.7	7.6	10.9
Power supply intake				Outdoor unit only					

3 Dimensional drawings

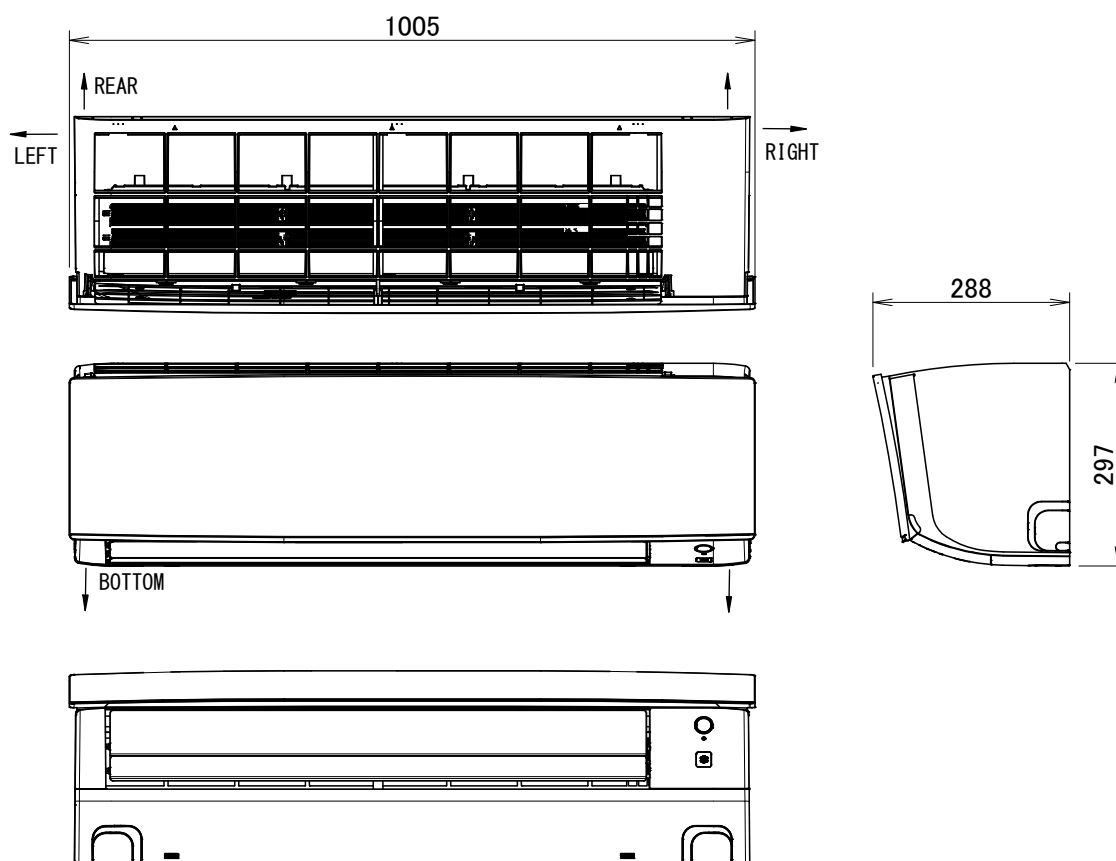
3 - 1 Dimensional Drawings

ATXC20-50B



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ATXC60-71B



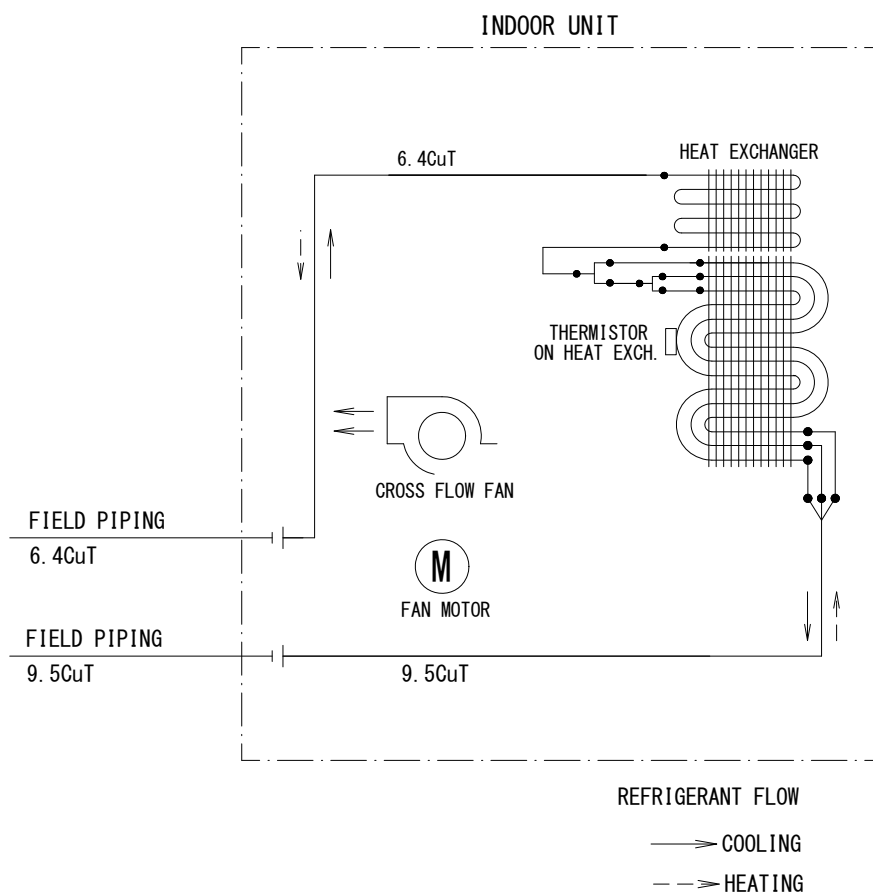
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4 Piping diagrams

4 - 1 Piping Diagrams

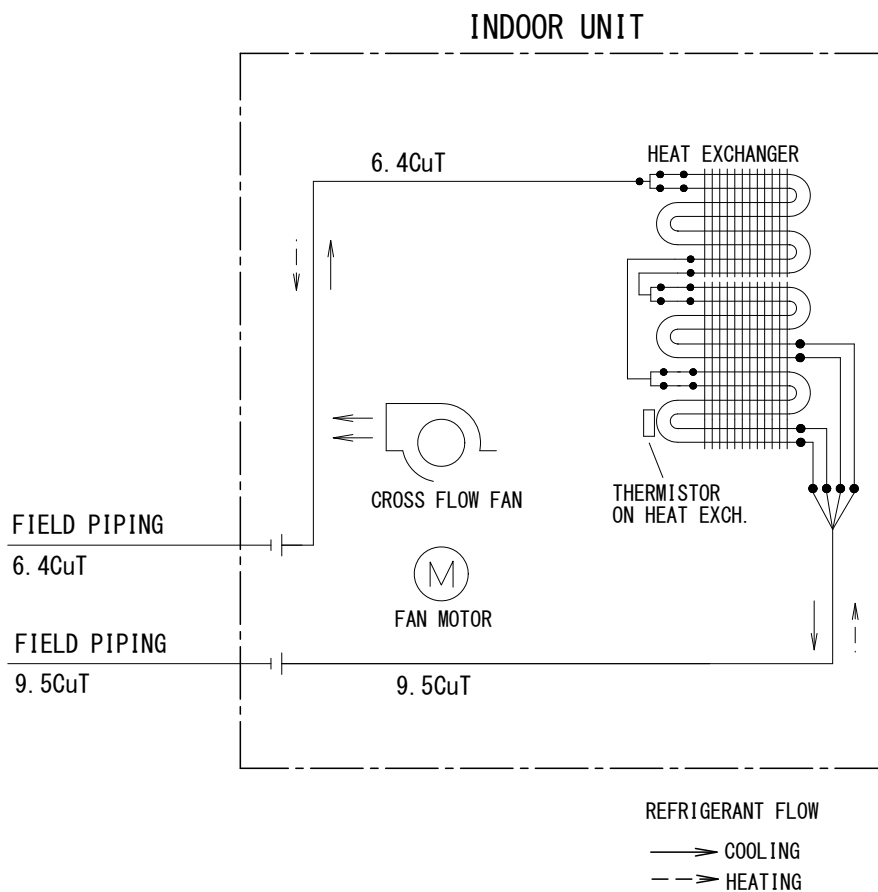
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ATXC20-25B



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ATXC35B

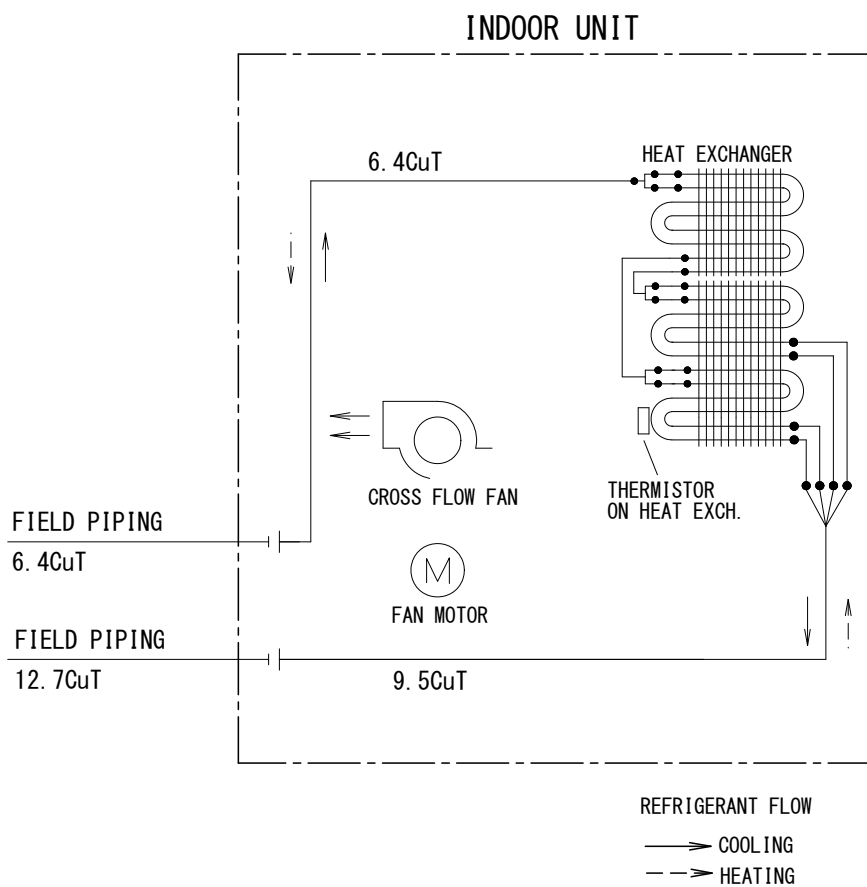


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4 Piping diagrams

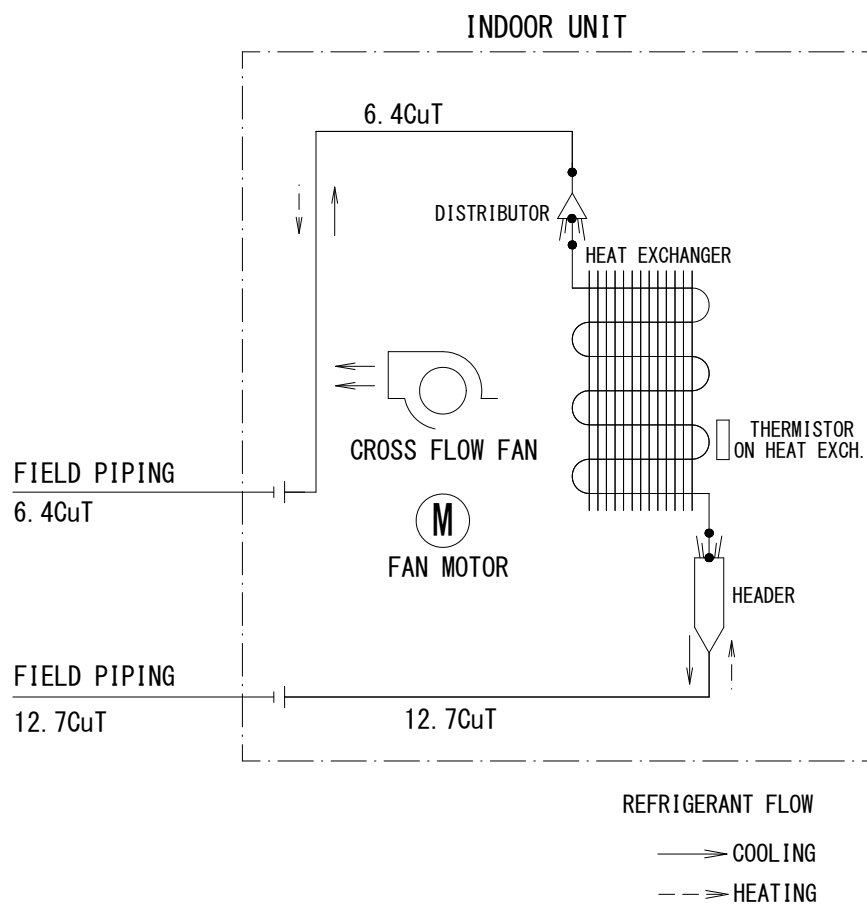
4 - 1 Piping Diagrams

ATXC50B



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ATXC60-71B

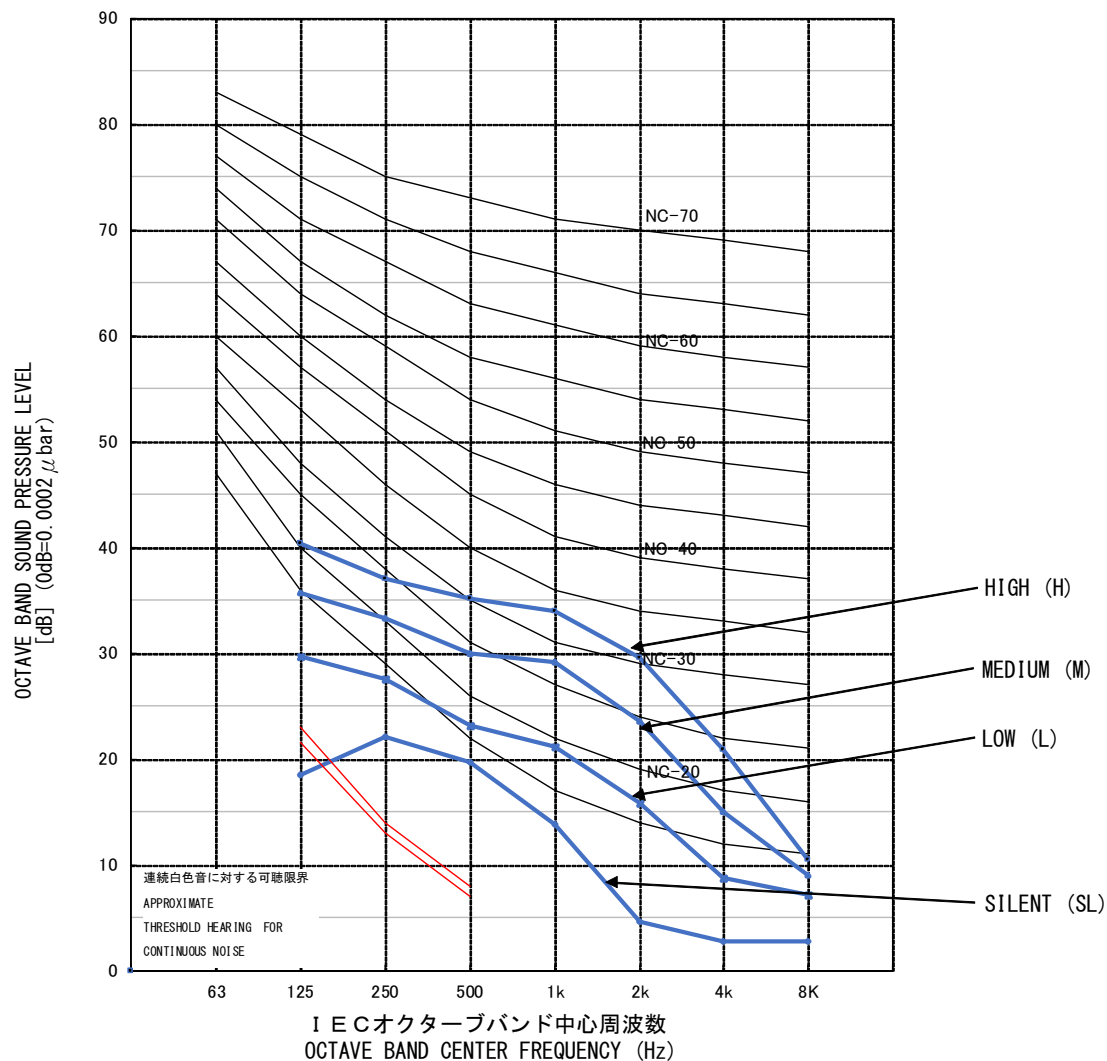


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5 Sound data

5 - 1 Sound Pressure Spectrum

ATXC20-25B



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。

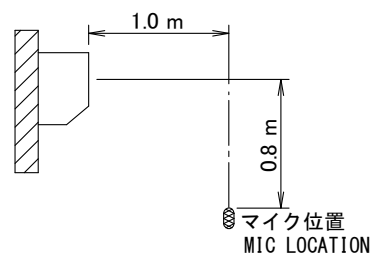
NOTE: OPERATION NOISE DIFFERS WITH OPERATION AND AMBIENT CONDITIONS.

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.

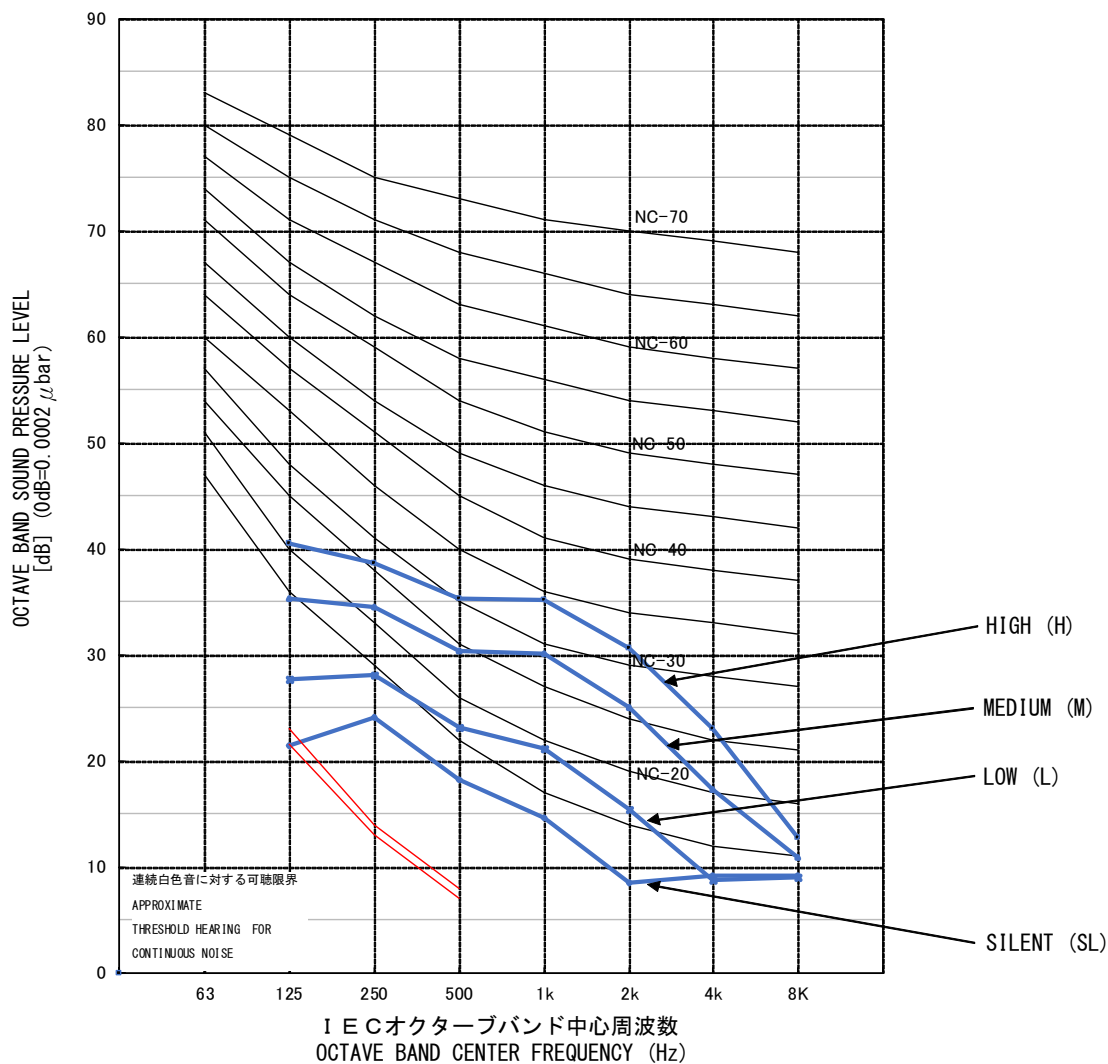


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5 Sound data

5 - 1 Sound Pressure Spectrum

ATXC35B



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

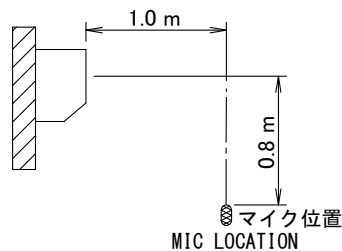
注) 運転音は、運転条件、周囲の状態等によって変わります。
NOTE: OPERATION NOISE DIFFERS WITH OPERATION AND AMBIENT CONDITIONS.

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

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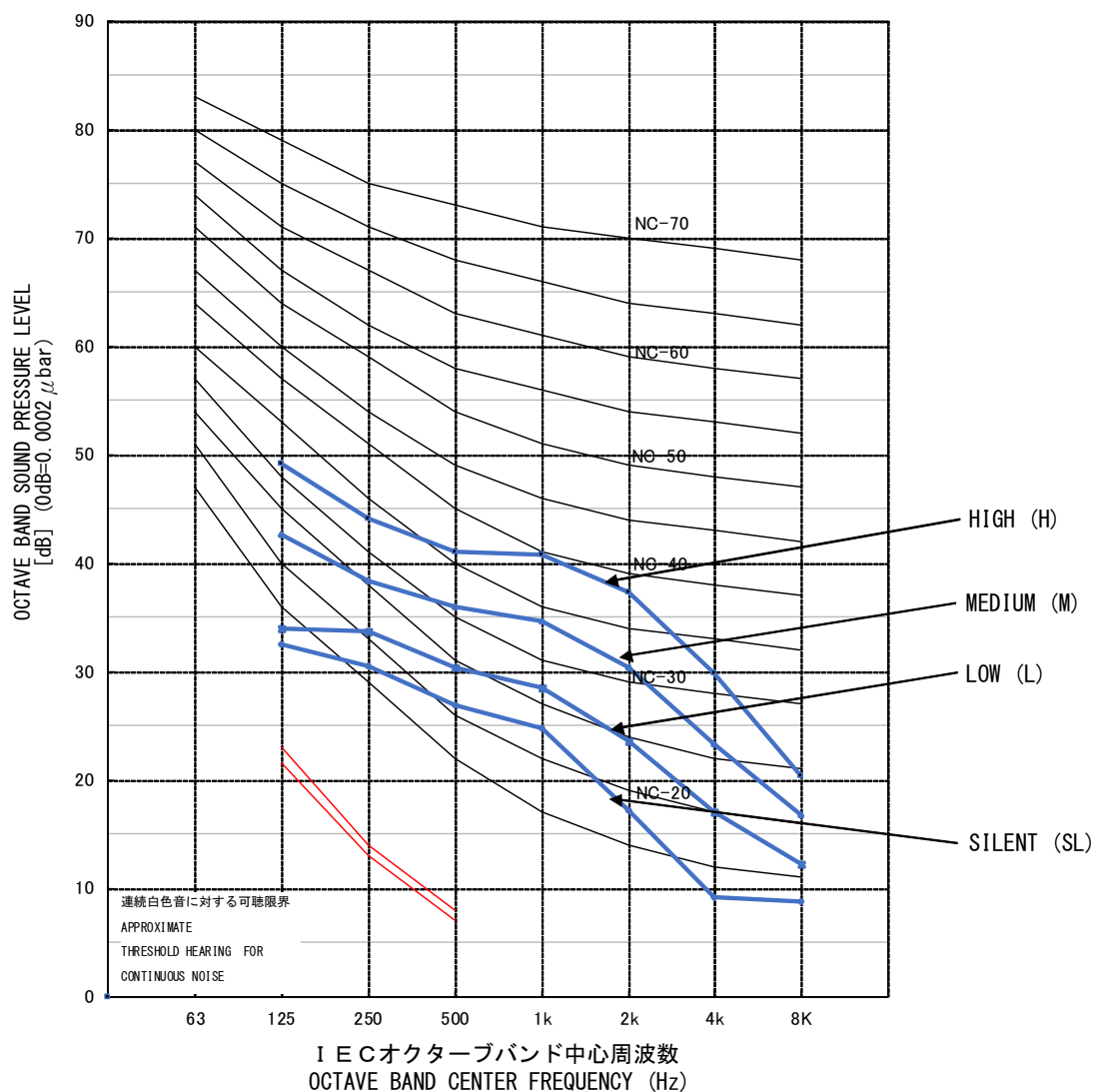


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5 Sound data

5 - 1 Sound Pressure Spectrum

ATXC50B



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

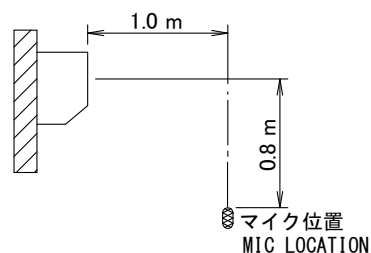
注) 運転音は、運転条件、周囲の状態等によって変わります。
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運転条件 OPERATING CONDITIONS

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

マイクロホン位置 LOCATION OF MICROPHONE

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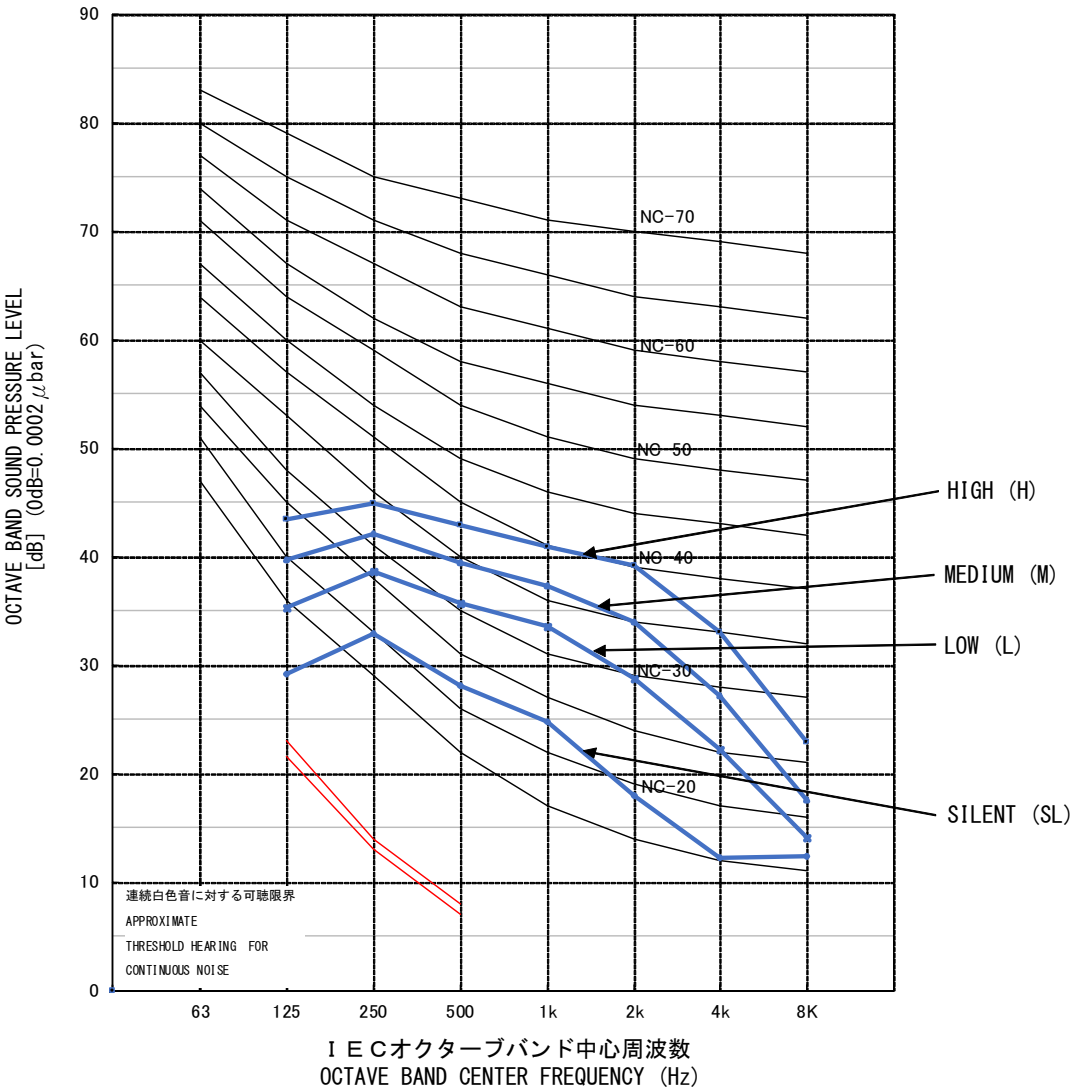


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5 Sound data

5 - 1 Sound Pressure Spectrum

ATXC60-71B



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.

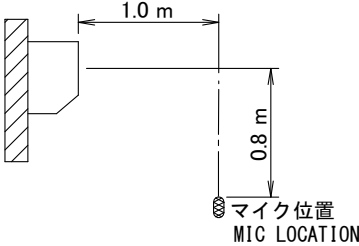
運転条件 OPERATING CONDITIONS

電源
POWER SOURCE 200-240V 50Hz

JIS標準
STANDARD

マイクロホン位置 LOCATION OF MICROPHONE

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