

Wall mounted unit Air Conditioning Technical Data FTXC-E



FTXC20EV1B
FTXC25EV1B
FTXC35EV1B
FTXC50EV1B
FTXC60EV1B
FTXC71EV1B

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FTXC-E

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1 Features

1 - 1 FTXC-E

Wall mounted unit, offering good value for money

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- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › Onecta app: control your indoor from any location with an app, via your local network or internet.
- › 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



								
Onecta app	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 (3 steps)
								
Dry programme	Titanium apatite deodorising filter	Air filter	24 hour timer	Infrared remote control	Auto-restart	Self diagnosis		

2 Specifications

2 - 1 Specifications

Technical specifications					FTXC20E	FTXC25E	FTXC35E	FTXC50E	FTXC60E	FTXC71E
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	mm		288			297		
		Width	mm		770			990		
		Depth	mm		234			273		
	Packed unit	Height	mm		314			371		
		Width	mm		830			1,073		
		Depth	mm		357			375		
Weight	Unit		kg		9.0		9.5		13.0	
	Packed unit		kg		10.5		11.0		16.0	
Packing	Material				EPS-Foam / Corrugated board					
	Weight		kg		1.5			3.0		
Heat exchanger	Length		mm		610			820		
	Rows	Quantity			2					
	Fin pitch		mm		1.41					
	Face area		m ²		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	Quantity				-			1		
	Length		mm		-		600		810	
	Rows	Quantity			-			1		
	Fin pitch		mm		-			1.41		
	Face area		m ²		-		0.09		0.19	
	Stages	Quantity			-		8		12	
Fan	Type				Cross flow fan					
	Quantity				1					
	Air flow rate	Cooling	High	m ³ /min	10.8		11.1	12.5	20.4	
				cfm	380		390	440	720	
Fan			Medium	m ³ /min	8.1		8.7	9.9	14.5	
				cfm	285		305	350	510	
	Air flow rate	Cooling	Low	m ³ /min	6.1		6.4	8.1	12.5	
				cfm	215		225	285	440	
			Silent operation	m ³ /min		5.4		7.4	10.2	
				cfm		190		260	360	
Fan motor	Quantity				1					
	Model				(a) M3WMY10/15/18/25A-1 (b) D1C38S8P10					
	Type				DC Motor					
	Index of Protection				24 / 20			24		
	Insulation grade				Class "E"					
	Poles				8					
	Drive				Direct drive					
	Speed	Cooling	Steps		5 steps, turbo, quiet, auto					
			High	rpm	1,080		1,120	1,220	1,200	
			Medium	rpm	850		900	1,000	900	
			Low	rpm	680		710	850	800	
			Silent operation	rpm	600		620	790	690	
			Output	Rated	38					
			Full load	Cooling	A	0.15	0.16	0.20	0.45	
			amps (FLA)	Heating	A	0.15	0.16	0.20	0.45	
Sound power level	Cooling			dBA	57		58	60	63	
Sound pressure level	Cooling	High		dBA	40		41	47	48	
		Medium		dBA	33		34	39	42	
		Low		dBA		26		33	38	
		Silent operation		dBA	21		22	30	31	
Piping connections	Liquid	Type			Flare connection					
		OD	mm		6.35					
	Gas	Type			Flare connection					
		OD	mm		9.52			12.7		
	Drain				16.5					
	Heat insulation				Both liquid and gas pipes					
Air filter	Type				Removable / washable					
	Quantity		pc		2					
Air direction control					Left, right, up and downwards					
Temperature control					Microcomputer control					
Control systems	Infrared remote control				ARC486A6					

2 Specifications

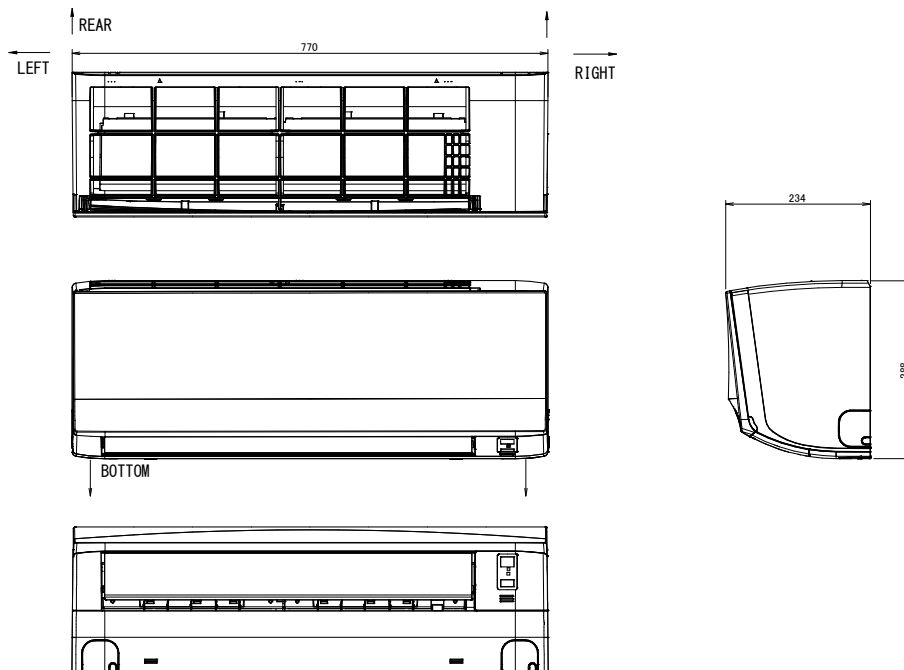
2 - 1 Specifications

Electrical specifications				FTXC20E	FTXC25E	FTXC35E	FTXC50E	FTXC60E	FTXC71E
Power supply	Name			V1					
	Phase			1~					
	Frequency Hz			50					
	Voltage V			220-240					
Current	Nominal running current (RLA) - 50Hz	Heating	A	2.73	3.02	4.34	5.97	6.31	9.38
Current - 50Hz	Maximum fuse amps (MFA) A			16					
Power supply intake				Outdoor unit only					
Current	Nominal running current (RLA)	Cooling	A	3.00	3.04	4.20	6.24	7.22	8.98

3 Dimensional drawings

3 - 1 Dimensional Drawings

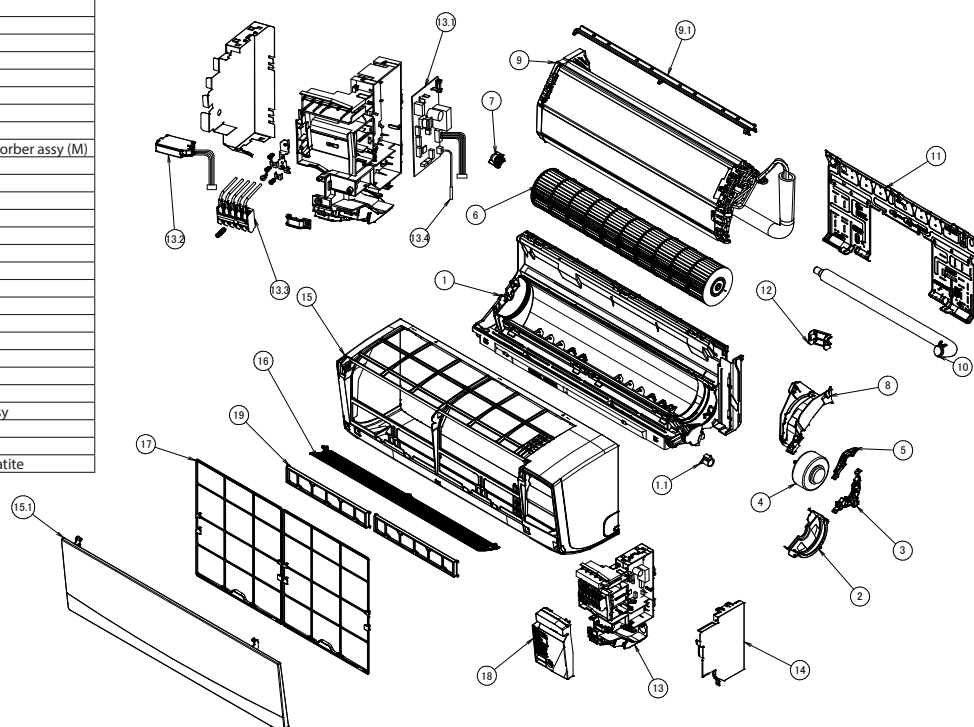
ATXC20-50E
FTXC20-50E



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ATXC20-50E
FTXC20-50E

No	Description
1	Bottom frame assy
1.1	Stepping motor
2	Motor mounting plate (1)
3	Motor mounting plate (2)
4	Fan motor (DC)
5	Motor mounting plate (3)
6	Cross flow fan assy
7	Fan bearing vibration absorber assy (M)
8	Right side panel (resin)
9	Heat exchanger assy
9.1	Sealing plate (top)
10	Drain hose assy
11	Installation plate assy
12	Piping fixture
13	EL compo. assy (DC)
13.1	Control module
13.2	IR receiver board
13.3	Assy, harness wire
13.4	Indoor coil sensor
14	Shield plate (2)
15	Front grille
15.1	Front panel
16	Disch. grille hor. blade assy
17	Air filter
18	Service cover assy
19	Air filter assy titanium apatite



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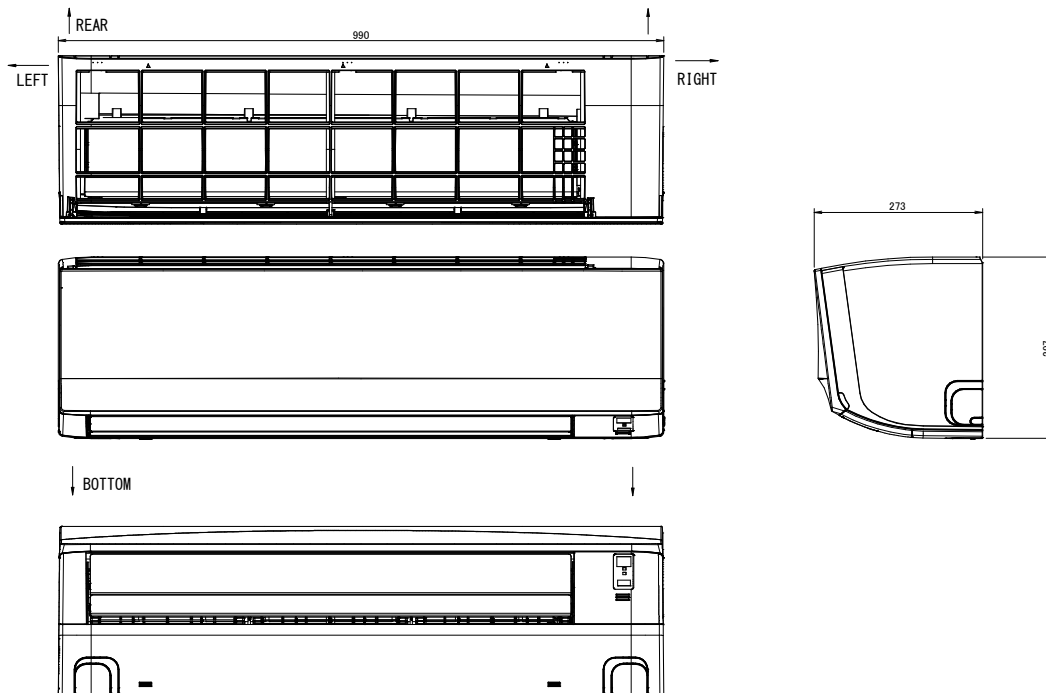
3 Dimensional drawings

3 - 1 Dimensional Drawings

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ATXC60-71E

FTXC60-71E

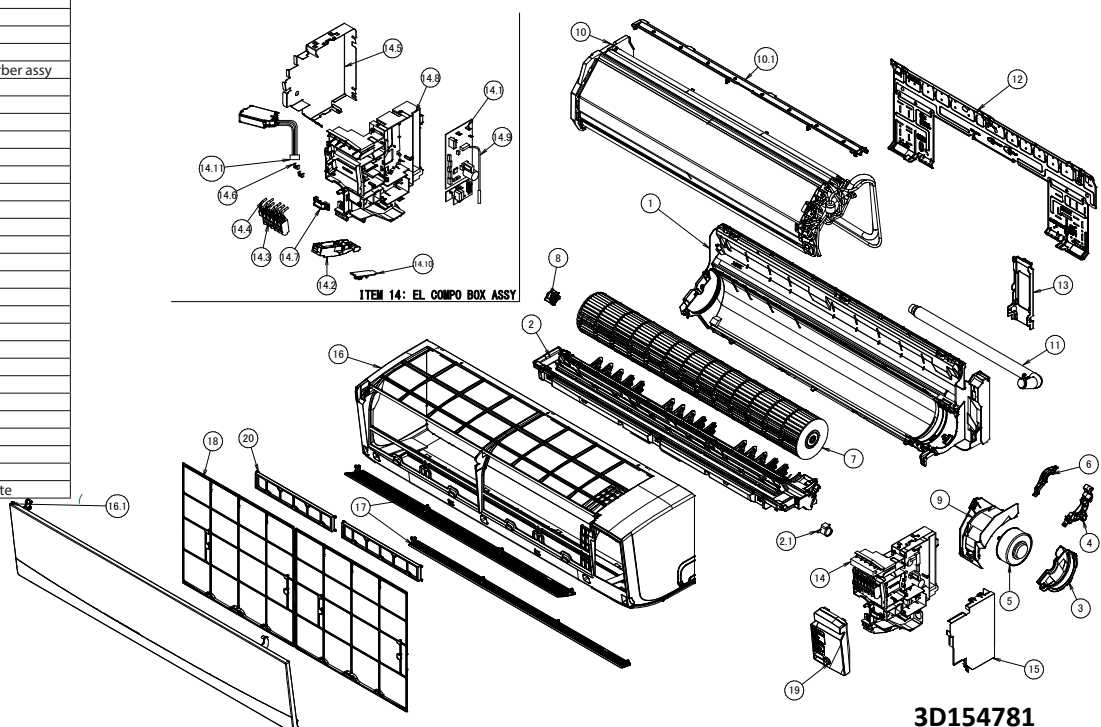


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ATXC60-71E

FTXC60-71E

No	Description
1	Bottom frame assy
2	Drain pan assy
2.1	Stepping motor
3	Motor mounting plate (1)
4	Motor mounting plate (2)
5	Fan motor
6	Motor mounting plate (3)
7	Cross flow fan assy
8	Fan bearing vibration absorber assy
9	Right side panel (resin)
10	Heat exchanger assy
10.1	Sealing plate (top)
11	Drain hose assy
12	Installation plate assy
13	Piping fixture
14	El. Compo assy
14.1	PCB assy (main)
14.2	Indication lamp cover
14.3	Terminal block
14.4	Wire harness assy
14.5	Shield plate (1)
14.6	Earth clamp
14.7	Wire clamp
14.8	El compo box
14.9	Indoor coil sensor
14.10	PCB assy (display board)
15	Shield plate (2)
16	Front grille
16.1	Front panel
17	Disch grille hori blade assy
18	Air filter
19	Service cover assy
20	Air filter assy titanium apatite

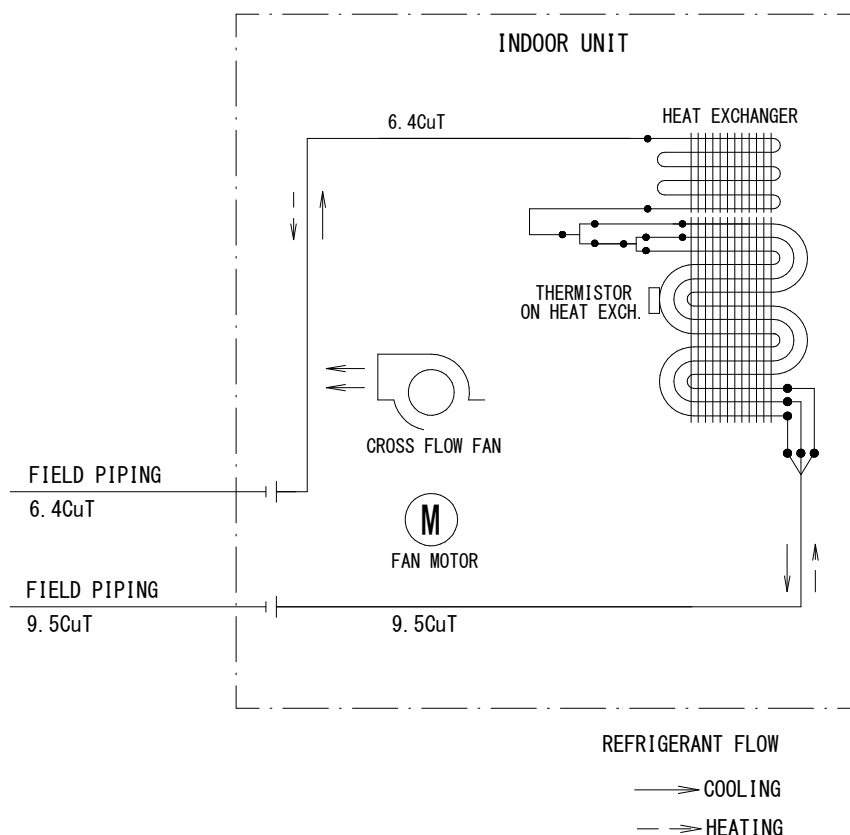


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4 Piping diagrams

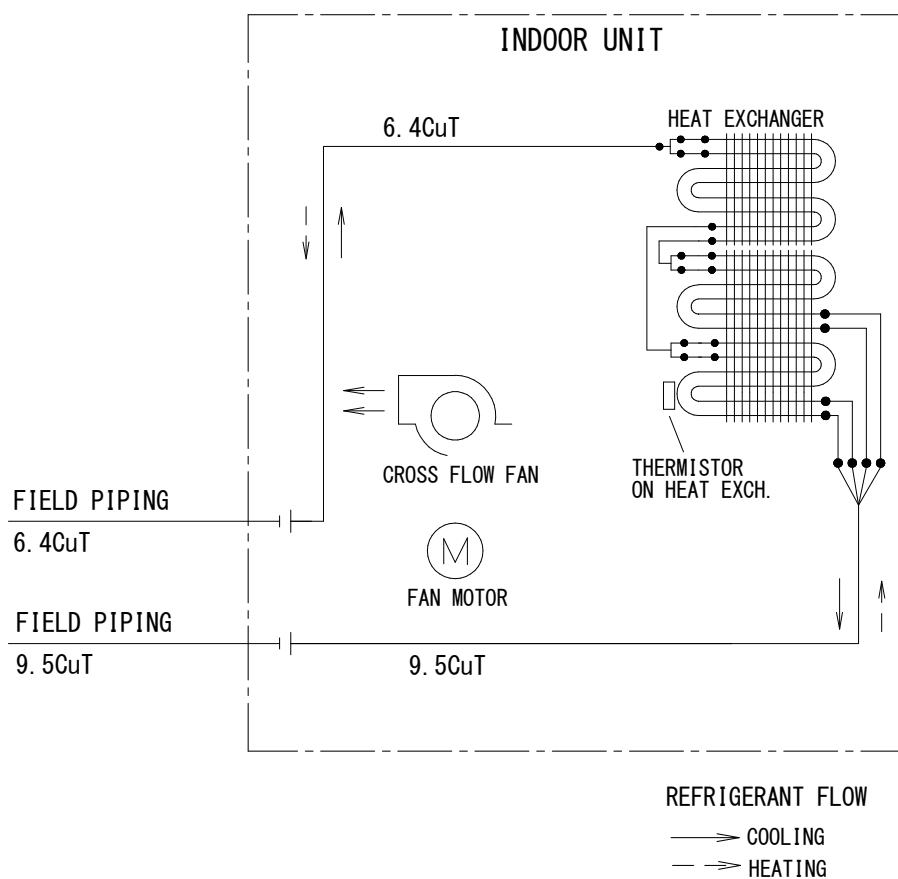
4 - 1 Piping Diagrams

ATXC20-25E
FTXC20-25E



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ATXC35E
FTXC35E



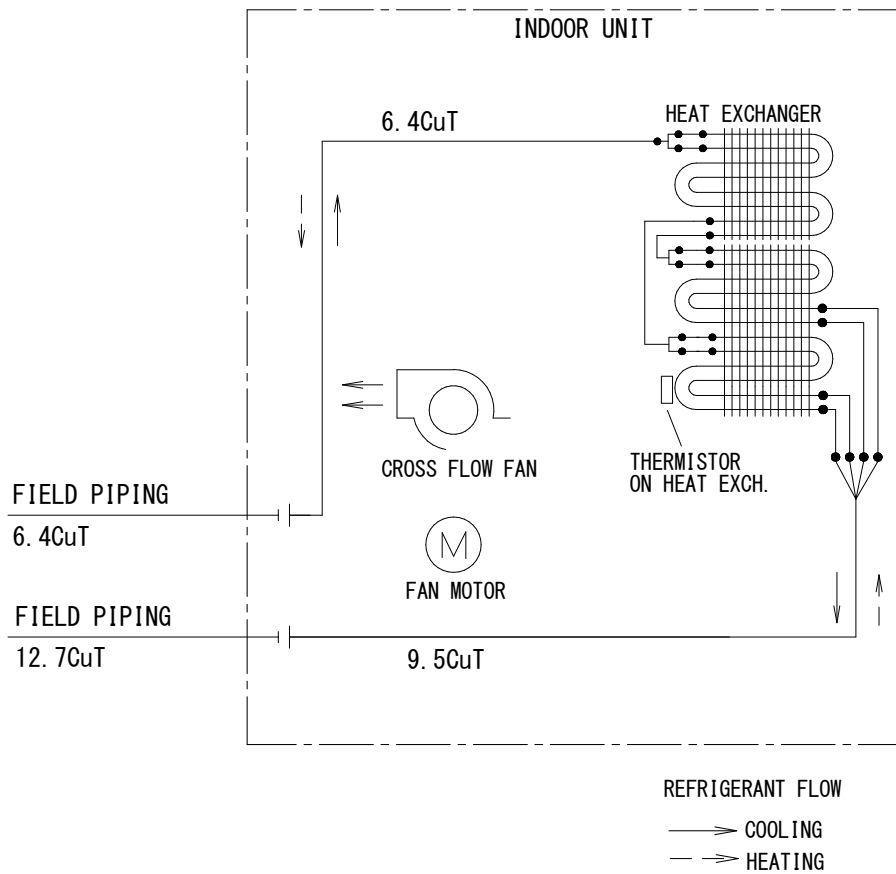
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4 Piping diagrams

4 - 1 Piping Diagrams

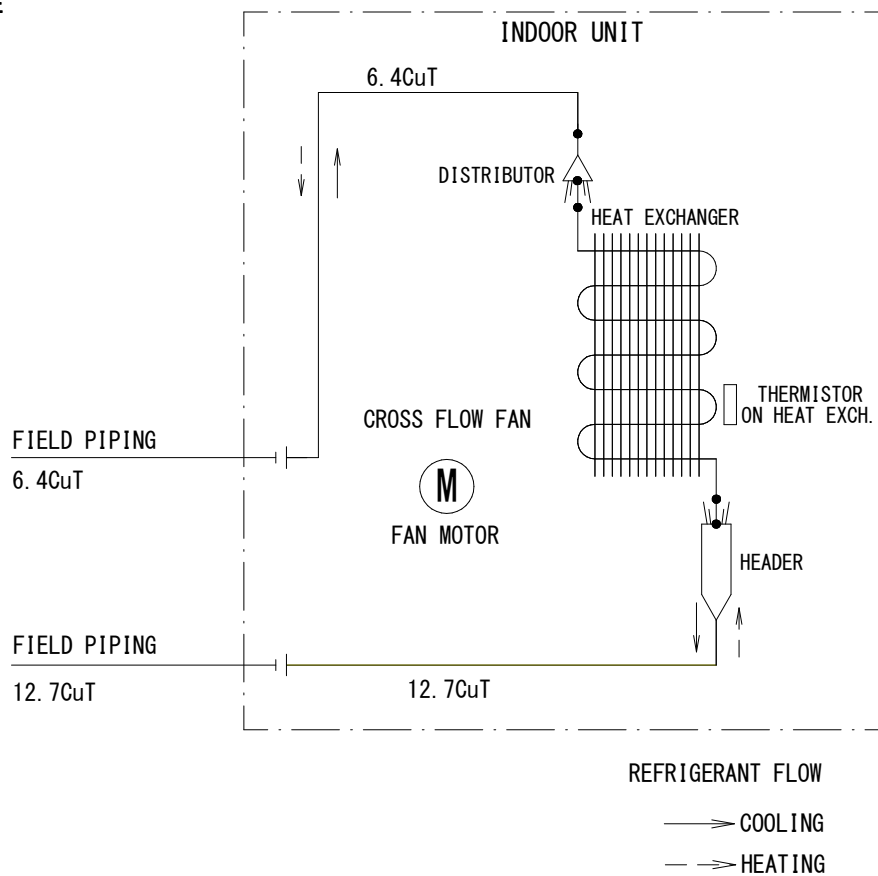
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ATXC50E
FTXC50E



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ATXC60-71E
FTXC60-71E



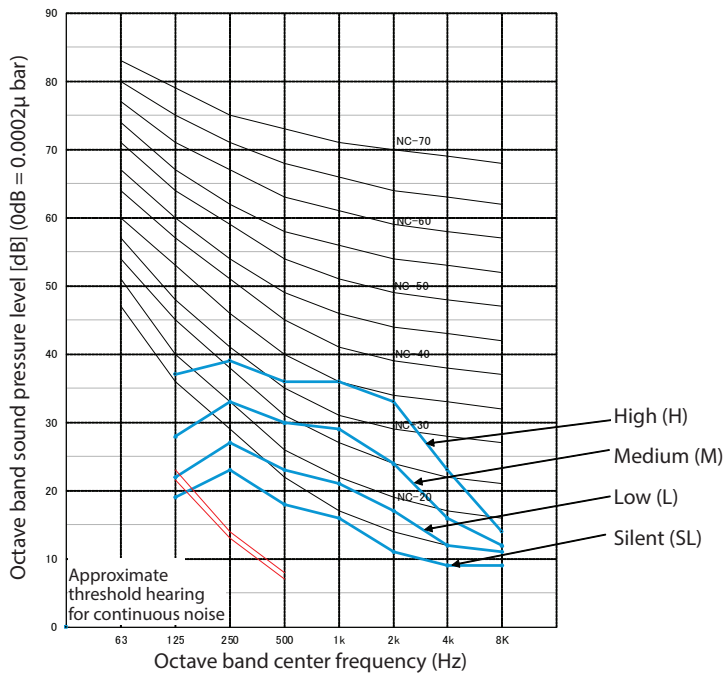
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6 Sound data

6 - 1 Sound Pressure Spectrum

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ATXC20-25E FTXC20-25E

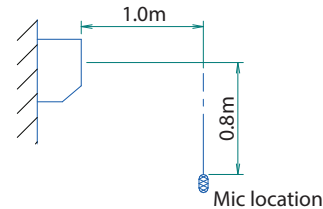


Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	37	39	36	36	33	23	14	40	35
M	28	33	30	29	24	16	12	33	28
L	22	27	23	21	17	12	11	26	19
SL	19	23	18	16	11	9	9	21	-

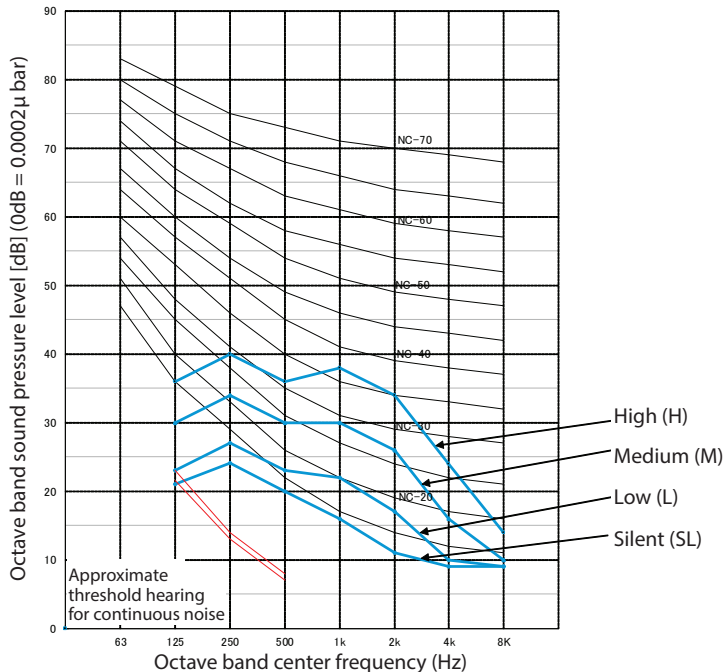
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NOTES

1. Measuring place
Anechoic chamber
Operation noise differs with operation and ambient conditions.
2. Operating conditions
Power source: 220-240V 50Hz
3. Location of microphone.



ATXC35E FTXC35E

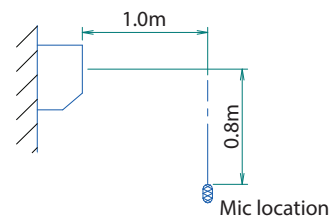


Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	36	40	36	38	34	24	14	41	37
M	30	34	30	30	26	16	10	34	29
L	23	27	23	22	17	10	9	26	20
SL	21	24	20	16	11	9	9	22	-

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NOTES

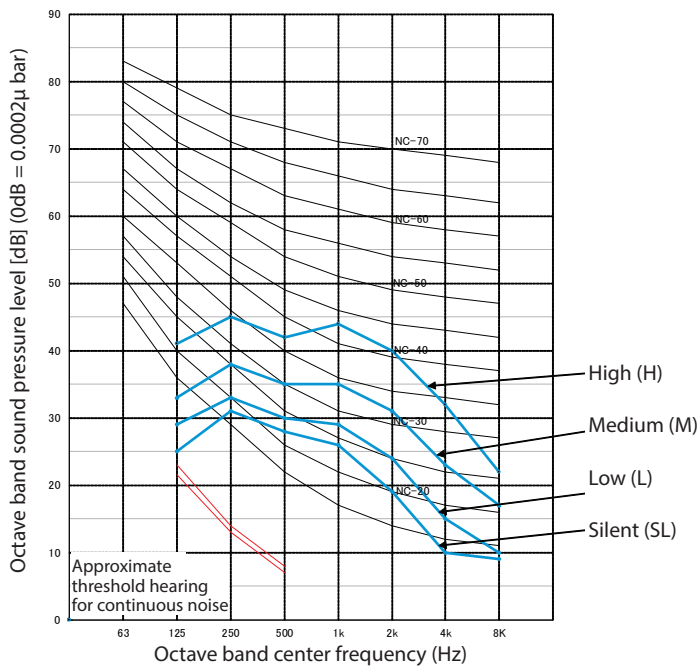
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6 Sound data

6 - 1 Sound Pressure Spectrum

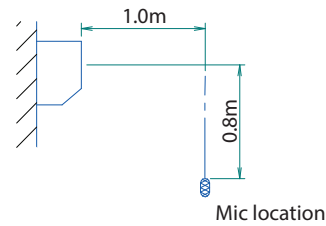
ATXC50E FTXC50E



Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	41	45	42	44	40	32	22	47	43
M	33	38	35	35	31	23	17	39	34
L	29	33	30	29	24	15	10	33	28
SL	25	31	28	26	19	10	9	30	24

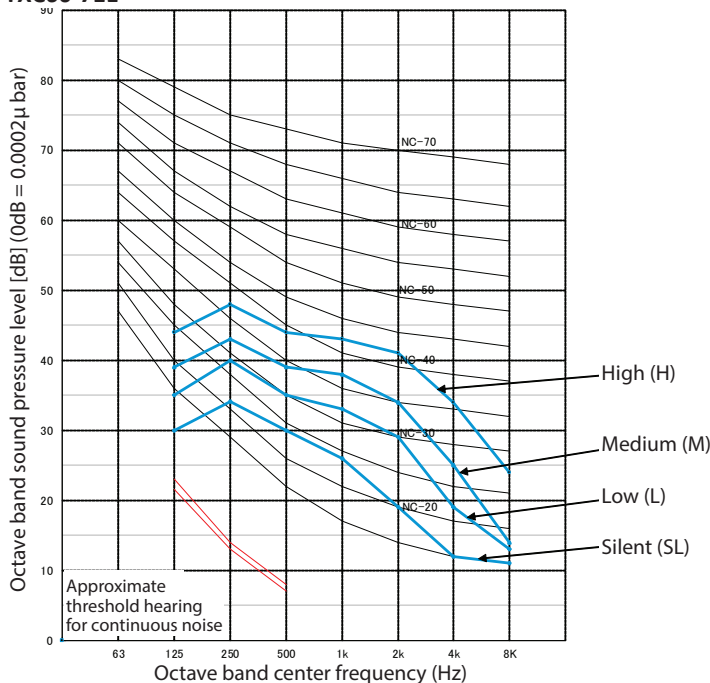
NOTES

1. Measuring place
Anechoic chamber
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3. Location of microphone.



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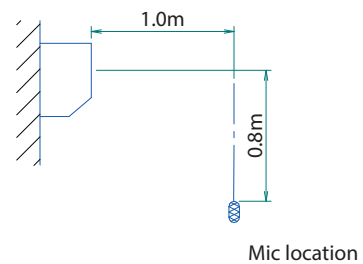
ATXC60-71E FTXC60-71E



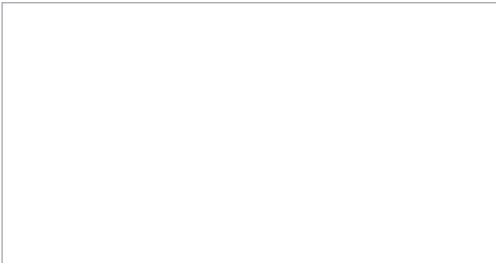
Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	44	48	44	43	41	34	24	48	42
M	39	43	39	38	34	25	14	42	37
L	35	40	35	33	29	19	13	38	32
SL	30	34	30	26	19	12	11	31	24

NOTES

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Anechoic chamber
Operation noise differs with operation and ambient conditions.
2. Operating conditions
Power source: 220-240V 50Hz
3. Location of microphone.



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03/2025



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