

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			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	Quantity				-	1								
	Length			mm	-	600			810					
	Rows	Quantity			-	1								
	Fin pitch			mm	-	1.41								
	Face area			m²	-	0.09			0.19					
	Stages	Quantity			-	8			12					
Fan	Type				Cross flow fan									
	Quantity				1									
	Air flow rate	Cooling	High	m³/min	10.8	11.1	12.5	20.4						
				cfm	380	390	440	720						
		Medium	m³/min	8.1	8.7	9.9	14.5							
			cfm	285	305	350	510							
Fan	Air flow rate	Cooling	Low	m³/min	6.1	6.4	8.1	12.5						
				cfm	215	225	285	440						
	Silent operation	m³/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	Steps	Cooling	High	rpm	5 steps, turbo, quiet, auto								
					1,080	1,120	1,220	1,200						
					850	900	1,000	900						
					680	710	850	800						
					600	620	790	690						
	Output	Rated		W	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						
Air filter	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

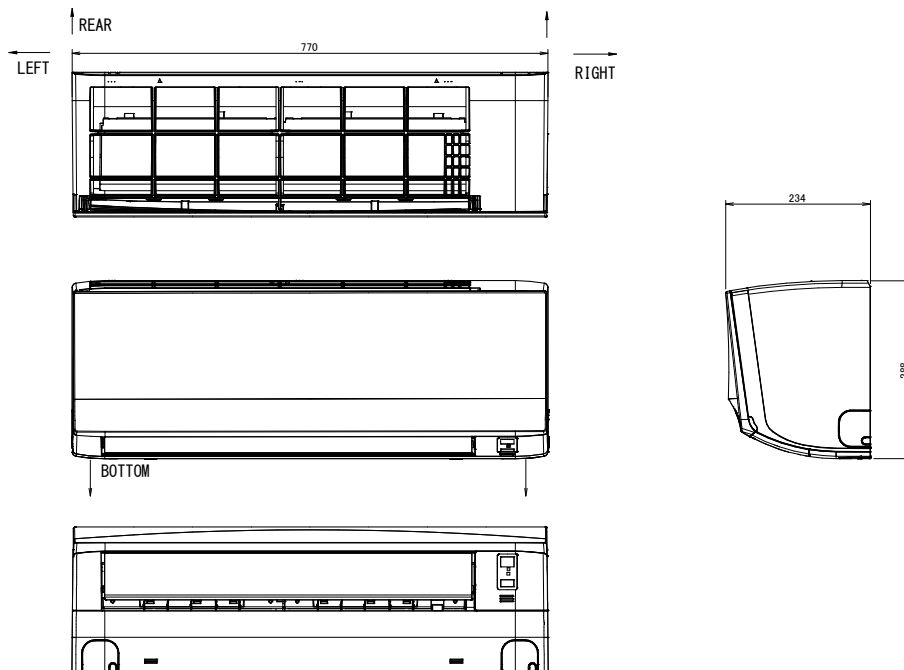
2 - 1 Specifications

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)			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

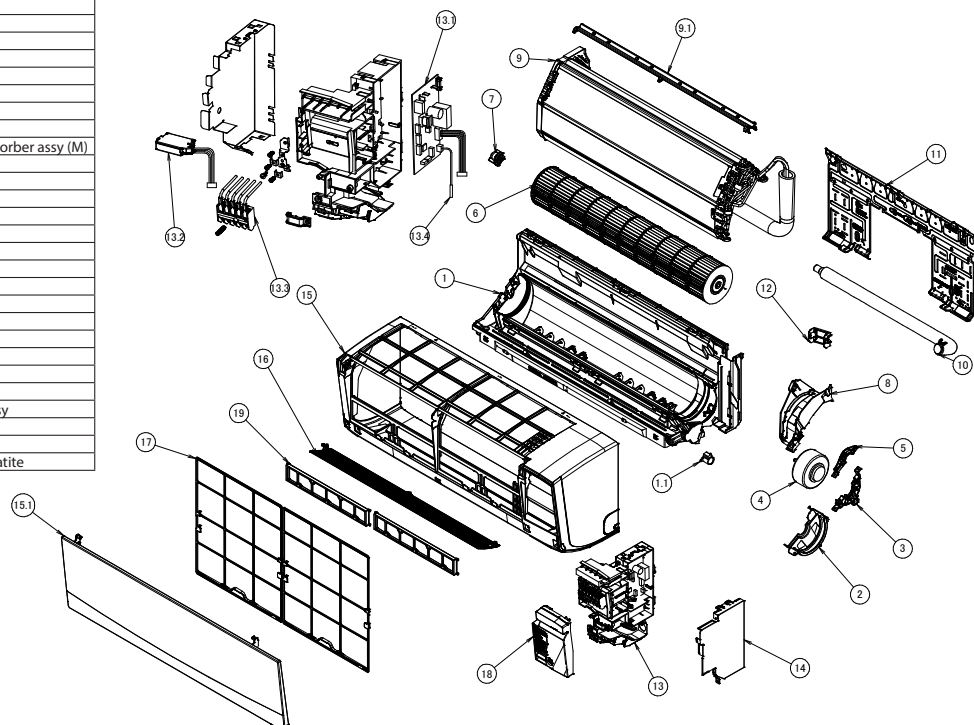
ATXC20-50E
FTXC20-50E



3D154744

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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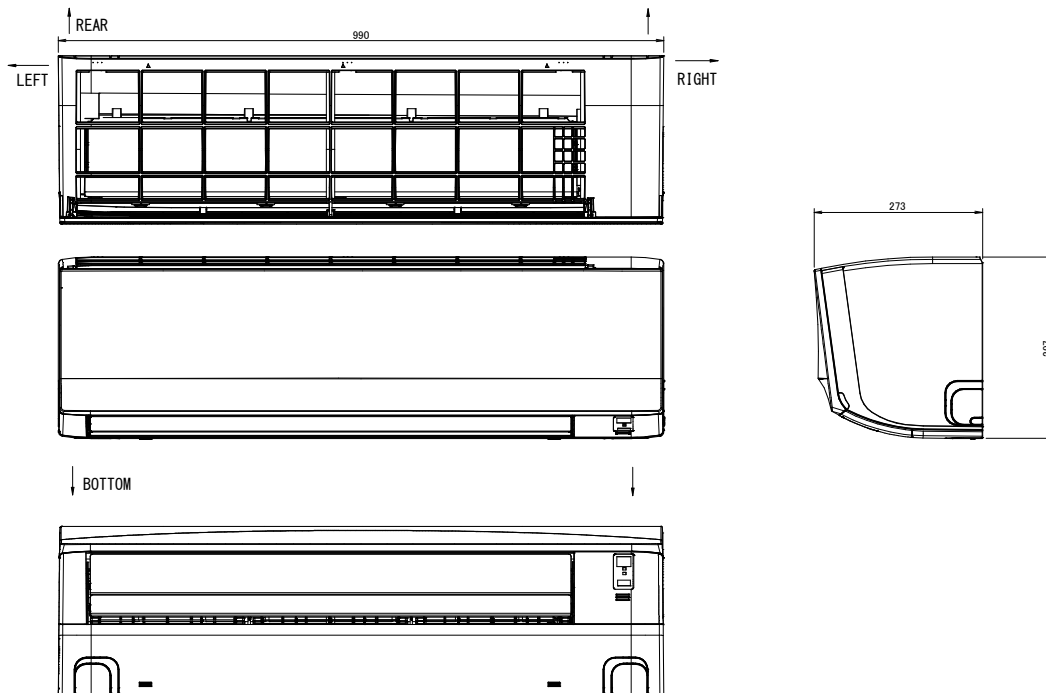
3 Dimensional drawings

3 - 1 Dimensional Drawings

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ATXC60-71E

FTXC60-71E

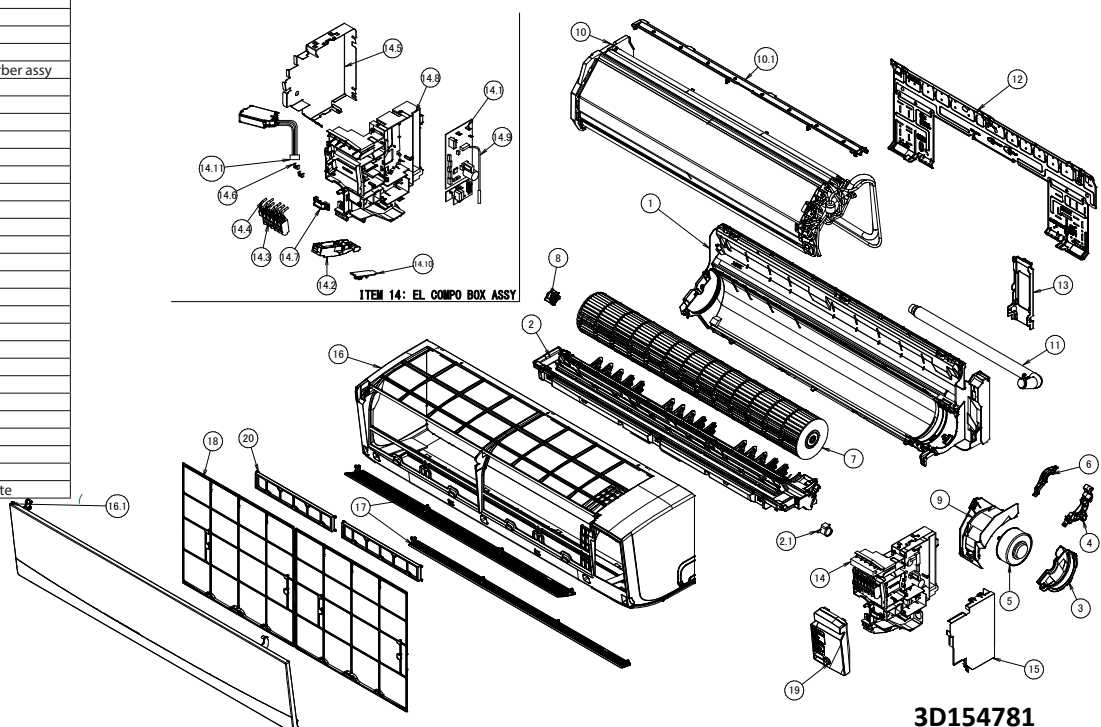


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ATXC60-71E

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

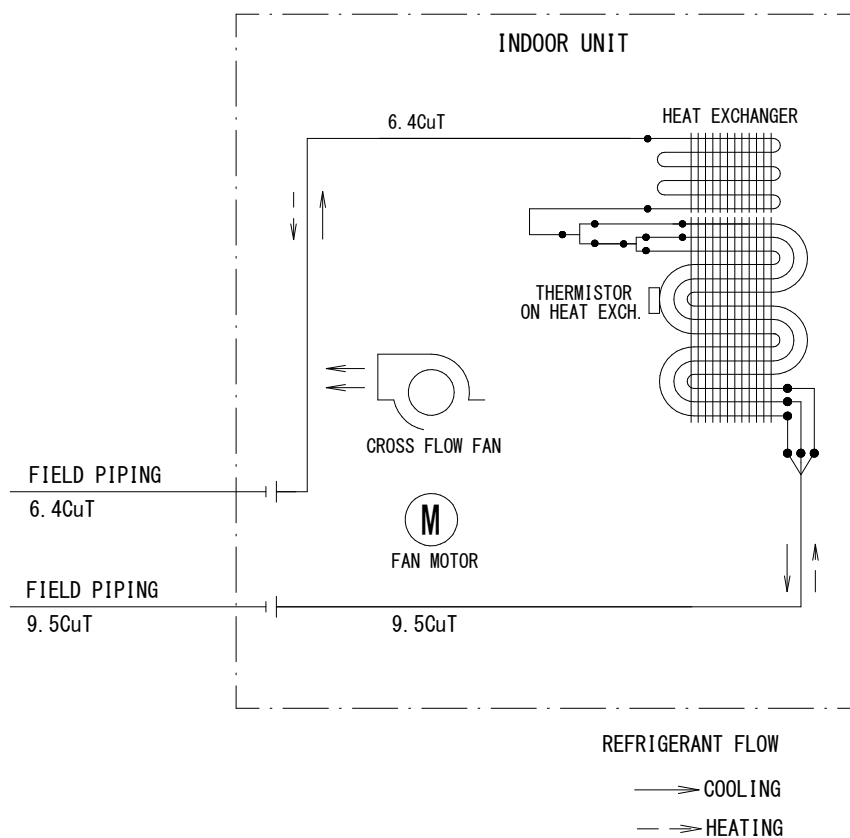


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4 Piping diagrams

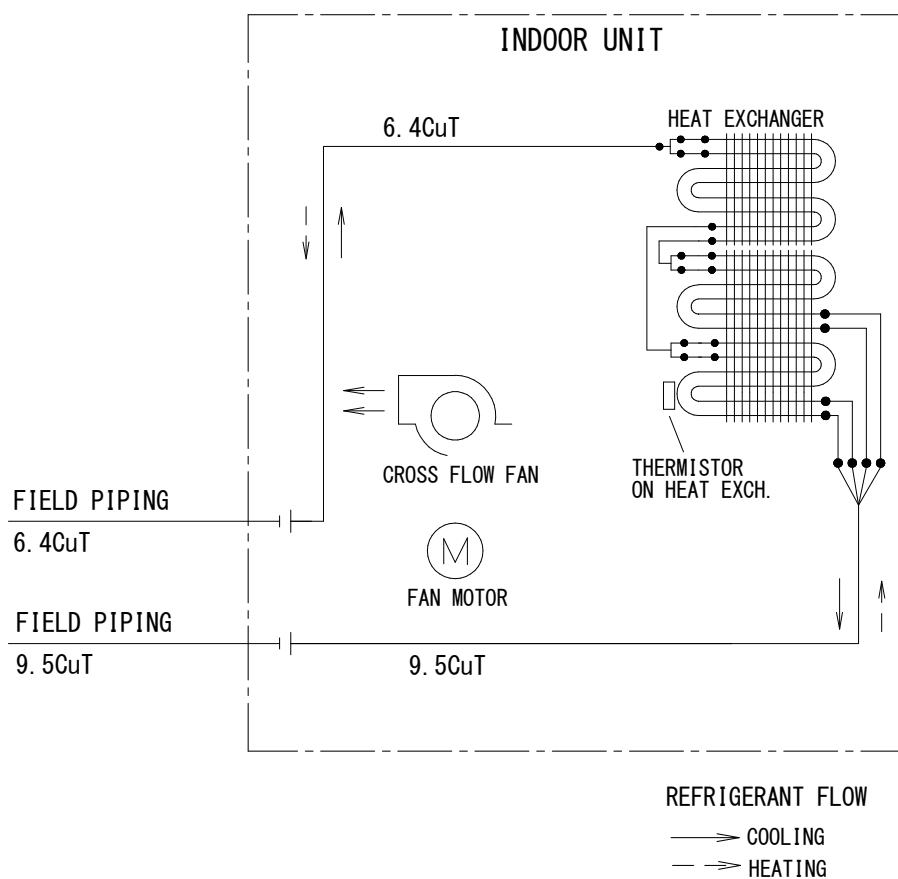
4 - 1 Piping Diagrams

ATXC20-25E
FTXC20-25E



3D120821E

ATXC35E
FTXC35E

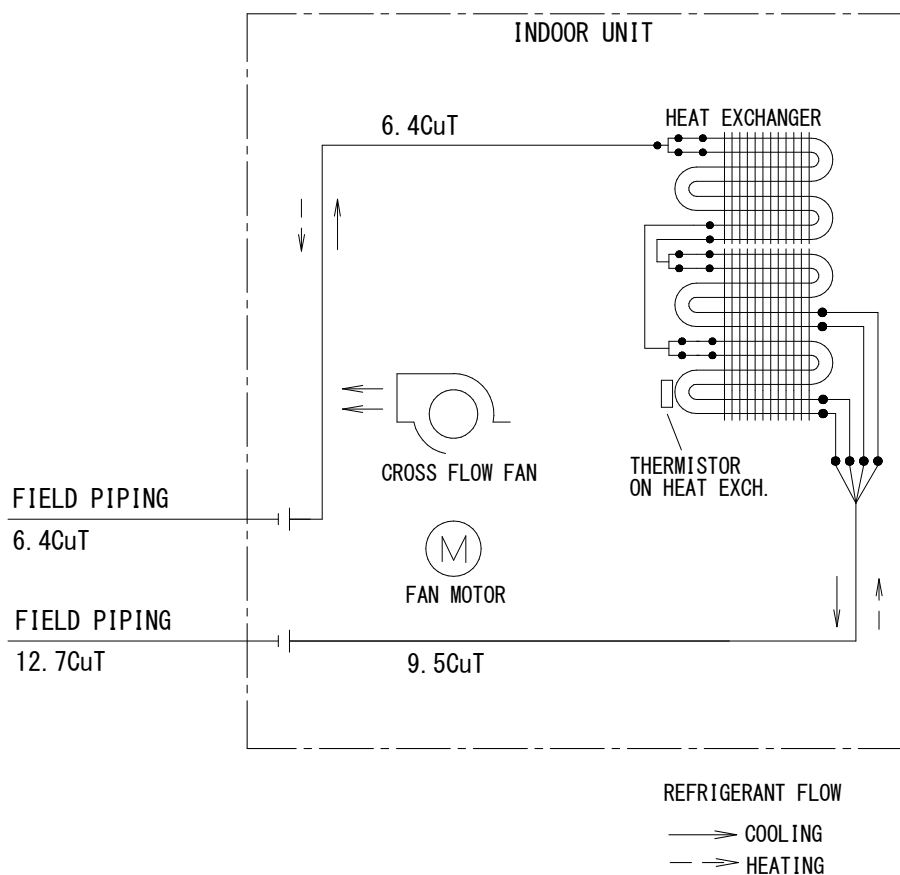


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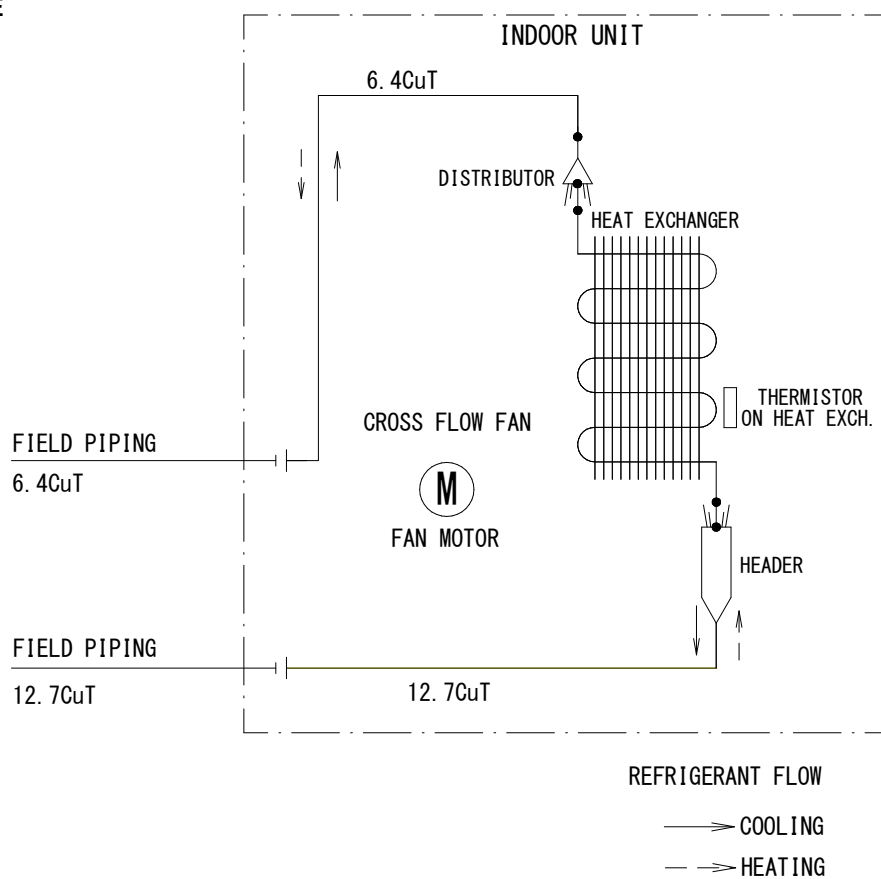
4 Piping diagrams

4 - 1 Piping Diagrams

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ATXC50E
FTXC50E


3D120825E

ATXC60-71E
FTXC60-71E


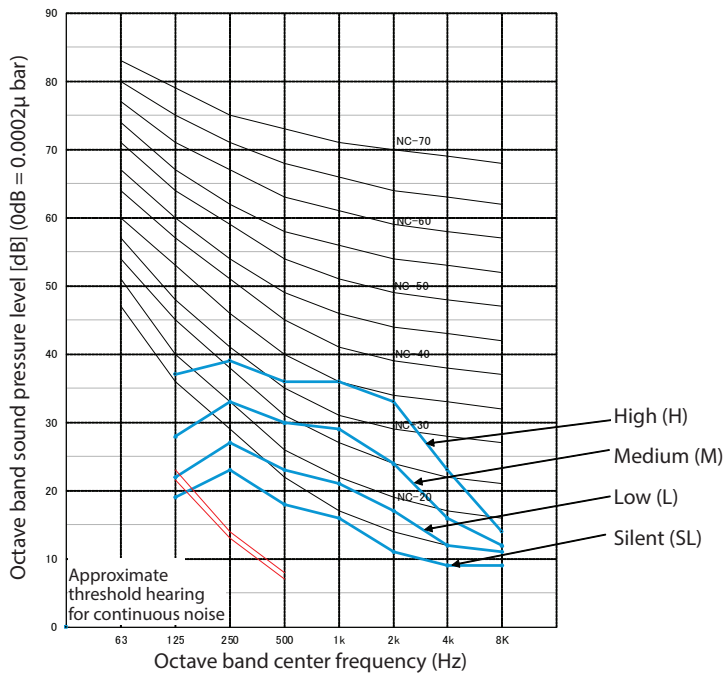
3D120826E

6 Sound data

6 - 1 Sound Pressure Spectrum

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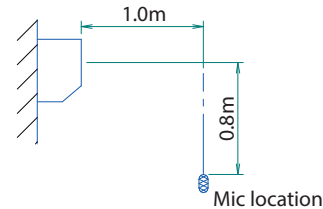
ATXC20-25E FTXC20-25E



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	-

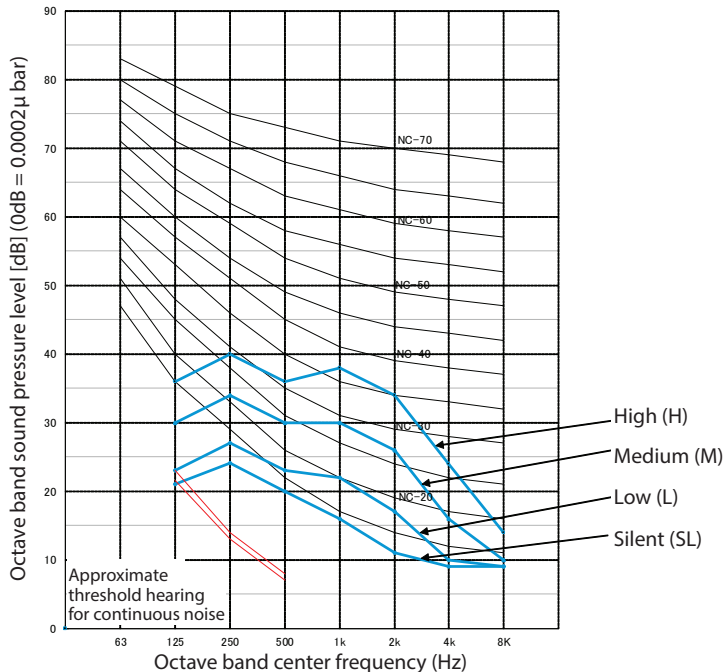
NOTES

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.



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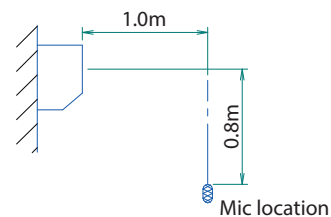
ATXC35E FTXC35E



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	-

NOTES

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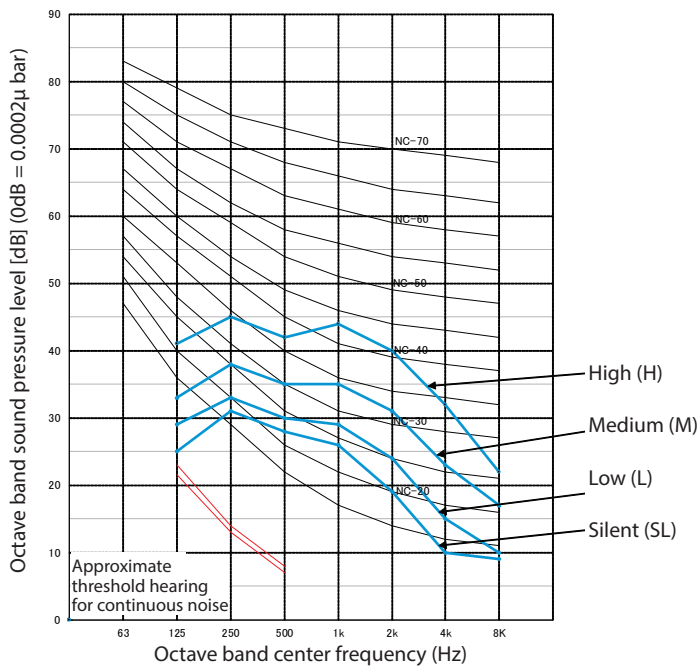


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6 Sound data

6 - 1 Sound Pressure Spectrum

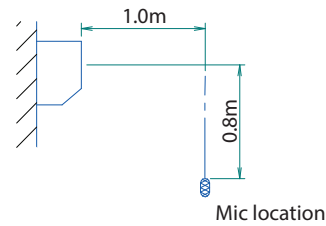
ATXC50E FTXC50E



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

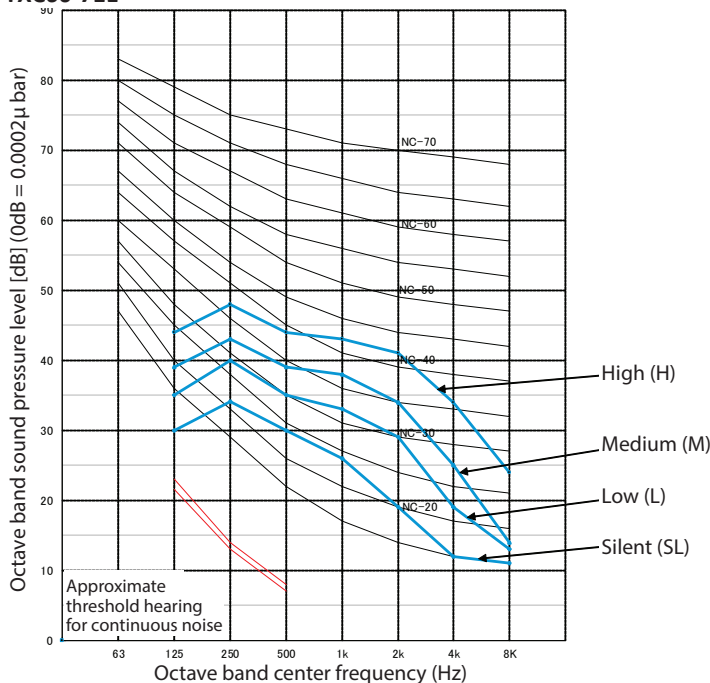
NOTES

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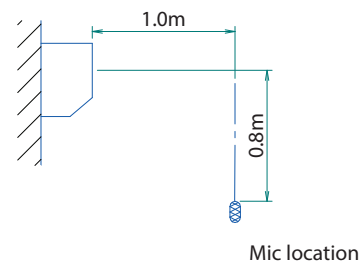
ATXC60-71E FTXC60-71E



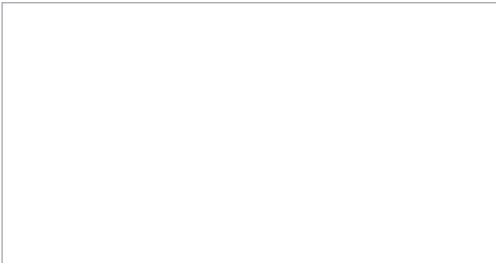
Testing Data Input								Overall (dBA)	Noise criteria
Fan speed	125	250	500	1k	2k	4k	8k		
H	44	48	44	43	41	34	24	48	42
M	39	43	39	38	34	25	14	42	37
L	35	40	35	33	29	19	13	38	32
SL	30	34	30	26	19	12	11	31	24

NOTES

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Anechoic chamber
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Power source: 220-240V 50Hz
3. Location of microphone.



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03/2025



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