



Air Conditioning Technical Data

Wall mounted unit



EEDEN14-100

C/FTXS-K/G

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C/FTXS-K/G

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1 Features

- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen (35, 42, 50, 60, 71 class)
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces (35, 42, 50, 60, 71 class)
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period
- Night set mode saves energy by preventing overcooling or overheating during night time
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Centralised control of several units can be achieved via 3 wired controls: centralised remote control, unified on/off control, schedule timer
- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting. (35, 42, 50 class)



2 area intelligent eye	Movement sensor	Night set mode	Comfort mode	Auto cooling-heating changeover	Outdoor unit silent operation	3-D air flow	Whisper quiet	Horizontal auto swing
Powerful mode	Fan speed steps	Titanium apatite photocatalytic air purification filter	Weekly timer	24 hour timer	Auto-restart	Self diagnosis	Multi model application	VRV for residential application
Infrared remote control	Wired remote control	Centralised control	Econo mode	Energy saving during standby mode	Fan only	Online controller	Auto fan speed	Dry programme
Indoor unit silent operation	Vertical auto swing							

2 Specifications

2-1 Technical Specifications				CTXS15K	CTXS35K	FTXS20K	FTXS25K	FTXS35K	FTXS42K	FTXS50K	FTXS60G	FTXS71G	
Power input	Cooling	Nom.	kW	0.040				0.026 (2) / 0.026 (3) / 0.026 (4)	0.024 (2) / 0.024 (3) / 0.024 (4)	0.026 (2) / 0.026 (3) / 0.026 (4)	0.040 (2) / 0.040 (3) / 0.040 (4)	0.045 (2) / 0.045 (3) / 0.045 (4)	
	Heating	Nom.	kW	0.040				0.028 (2) / 0.028 (3) / 0.028 (4)	0.030 (2) / 0.030 (3) / 0.030 (4)	0.032 (2) / 0.032 (3) / 0.032 (4)	0.045 (2) / 0.045 (3) / 0.045 (4)	0.060 (2) / 0.060 (3) / 0.060 (4)	
Casing	Colour			White									
Dimensions	Unit	Height/Width/ Depth	mm	289/780/215				298/900/215			290/1,050/250		
	Packed unit	Height/Width/ Depth	mm	346/850/274				290/977/371			361/1,145/364		
Weight	Unit	kg		8				11			12		
	Packed unit	kg		12				15			18		
Packing	Weight		kg	-								6	
Heat exchanger	Length		mm	610				665 / 660			863		
	Rows	Quantity		2				2 / 1			2		
	Fin pitch		mm	1.4				1.4 / 1.6			1.4		
	Stages	Quantity		12	14			18 / 8			16		
	Tube type			ø7 Hi-XA				Ø6,35 Hi-XB			ø7 Hi-XD		
	Fin	Type		ML fin (Multi louver)				Multi slit fin			ML fin (Multi louver)		
Fan	Type			Cross flow fan									
	Air flow rate	Cooling	High	m³/min	7.9	9.2	8.8	9.1	11.2		11.9	16.0	17.2
				cfm	279	325	311	321	395		420	565	607
			Nom.	m³/min	6.3	7.2	8.8	9.1	11.2		11.9	16.0	17.2
				cfm	222	254	311	321	395		420	565	607
			Low	m³/min	4.7	5.2	4.7	5.0	5.8	7.0	7.4	11.3	11.5
				cfm	166	184	166	177	205	247	261	399	406
		Silent operation	m³/min	3.9				4.1		4.5	10.1	10.5	
			cfm	138				145		159	357	371	
		Heating	High	m³/min	9.0	10.1	9.5	10.0	12.1	12.4	13.3	17.2	19.5
				cfm	318	357	335	353	427	438	470	607	689
			Nom.	m³/min	7.5	8.1	7.8	8.0	9.3	10.0	10.8	14.9	16.7
				cfm	265	286	275	282	328	353	381	526	590
	Low		m³/min	6.0	6.3	6.0		6.5	7.8	8.4	12.6	14.2	
cfm			212	222	212		230	275	297	445	501		
Silent operation	m³/min	4.3				4.2	5.2	5.5	11.3	12.6			
	cfm	152				148	184	194	399	445			
Fan motor	Model			MM6C02J2VA				KFD-280-23-8C			ARW3001DA		
	Speed	Steps		5 + silent, + auto									
		Cooling	High/ Medium/ Low/ Silent operation	rpm	1,200/ 990/780/ 670	1,390/ 1,120/ 850/670	1,330/ 1,050/ 780/670	1,370/ 1,090/ 820/670	1,330/ 1,050/ 780/600	1,330/ 1,110/ 900/600	1,400/ 1,170/ 940/650	1,330/ 1,170/ 1,010/ 920	1,410/ 1,220/ 1,040/ 950
				Heating	rpm	1,290/ 1,100/ 920/690	1,430/ 1,190/ 960/690	1,360/ 1,140/ 920/690	1,410/ 1,160/ 920/690	1,420/ 1,130/ 850/610	1,450/ 1,210/ 980/720	1,540/ 1,290/ 1,040/ 750	1,360/ 1,200/ 1,040/ 950
		Output	High	W	16				-			43	
Rated	W		-				23			-			
Sound power level	Cooling		dBA	55	59	58		59		60		63	
	Heating		dBA	56	58			59		60	59	62	

2 Specifications

2-1 Technical Specifications				CTXS15K	CTXS35K	FTXS20K	FTXS25K	FTXS35K	FTXS42K	FTXS50K	FTXS60G	FTXS71G
Sound pressure level	Cooling	High/Nom./Low/ Silent operation	dBA	37/31/25/ 21	42/35/28/ 21	40/32/24/ 19	41/33/25/ 19	45/37/29/ 19	45/39/33/ 21	46/40/34/ 23	45/41/36/ 33	46/42/37/ 34
	Heating	Super high/High/ Nom./Low/Silent operation	dBA	-/38/33/ 28/21	-/41/36/ 30/21	-/40/34/ 27/19	-/41/34/ 27/19	-/45/39/ 29/19	-/45/39/ 33/22	-/47/40/ 34/24	-/44/40/ 35/32	-/46/42/ 37/34
Refrigerant	Type			-							R-410A	
Piping connections	Liquid	OD		6.35								
	Gas	OD		9.5					12.7		15.9	
	Drain			18								
	Heat insulation			Both liquid and gas pipes								
Temperature control				Microcomputer control								
Air direction control				Right, Left, Horizontal, Downward								
Air filter	Type			Removable / washable / mildew proof								

- Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;
- Standard Accessories : Indoor unit fixing screws; Quantity : 2;
- Standard Accessories : Wireless remote control; Quantity : 1;
- Standard Accessories : Mounting plate; Quantity : 1;
- Standard Accessories : Operation manual; Quantity : 1;
- Standard Accessories : Remote control holder; Quantity : 1;
- Standard Accessories : Installation manual; Quantity : 1;
- Standard Accessories : Batteries; Quantity : 2;
- Standard Accessories : Titanium apatite photocatalytic air purification filter without frame; Quantity : 2;

2-2 Electrical Specifications				CTXS15K	CTXS35K	FTXS20K	FTXS25K	FTXS35K	FTXS42K	FTXS50K	FTXS60G	FTXS71G
Power supply	Name			V1								
	Phase			1~								
	Frequency	Hz		50								
	Voltage	V		220-240								
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.19 (1) / 0.18 (2) / 0.17 (3)			0.12 (2) / 0.12 (3) / 0.11 (4)	0.11 (2) / 0.11 (3) / 0.11 (4)	0.12 (2) / 0.12 (3) / 0.11 (4)	0.19 (2) / 0.18 (3) / 0.17 (4)	0.21 (2) / 0.20 (3) / 0.19 (4)	
		Heating	A	0.19 (1) / 0.18 (2) / 0.17 (3)			0.13 (2) / 0.13 (3) / 0.12 (4)	0.14 (2) / 0.14 (3) / 0.13 (4)	0.15 (2) / 0.14 (3) / 0.14 (4)	0.21 (2) / 0.20 (3) / 0.19 (4)	0.28 (2) / 0.27 (3) / 0.26 (4)	
Wiring connections - 50Hz	For power supply	Remark	3 for power supply, 4 for interunit wiring (Earth wire included)									

Notes

- (1) 220V
- (2) 230V
- (3) 240V
- (4) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.
- (5) SL: The silent fan level of the air flow rate setting

3 Options

3 - 1 Options

C/FTXS-K/G

Indoor Units - Control systems

		CTXS15K	FTXS20K	FTXS25K	CTXS35K	FTXS35K	FTXS42K	FTXS50K	FTXS60G	FTXS71G
Wired remote control (3)			BRC944 (3) (5)				BRC944 (3)		BRC944 (3)	
Cord for wired remote control	3m		BRCV901A03				BRCV901A03		BRCV901A03	
	8m		BRCV901A08				BRCV901A08		BRCV901A08	
Wiring adapter normal open contact / normal open pulse contact			KRP413A15 (5)				KRP413A15		KRP413A15 (1)	
Centralised control board	Up to 5 rooms		KRC72 (2)				KRC72 (2)		KRC72 (2)	
Anti-theft protection for remote control			KXF910A4				KXF910A4		KXF910A4	
Interface adapter for wired remote control			KRP980A1				-		-	
Central remote controller			DCS302CS1				DCS302CS1		DCS302CS1	
Unified ON/OFF control			DCS301B51				DCS301B51		DCS301B51	
Schedule timer			DST301B51				DST301B51		DST301B51	
Interface adapter for DIII-net			KRP928A2S (5)				KRP928A2S		KRP928A2S	
Online controller			-				KKRP01A		KKRP01A	
External mounting kit for online controller			-				KKRPM01A		KKRPM01A	
Wifi power cable for online controller			-				KKRPW01A		KKRPW01A	
Touch LCD wall controller (4)			-				KBRC01A		KBRC01A	
Simple wall controller (4)			-				KBRC501A		KBRC501A	
KNX gateway			KLIC-DD (5)				KLIC-DD		KLIC-DD	

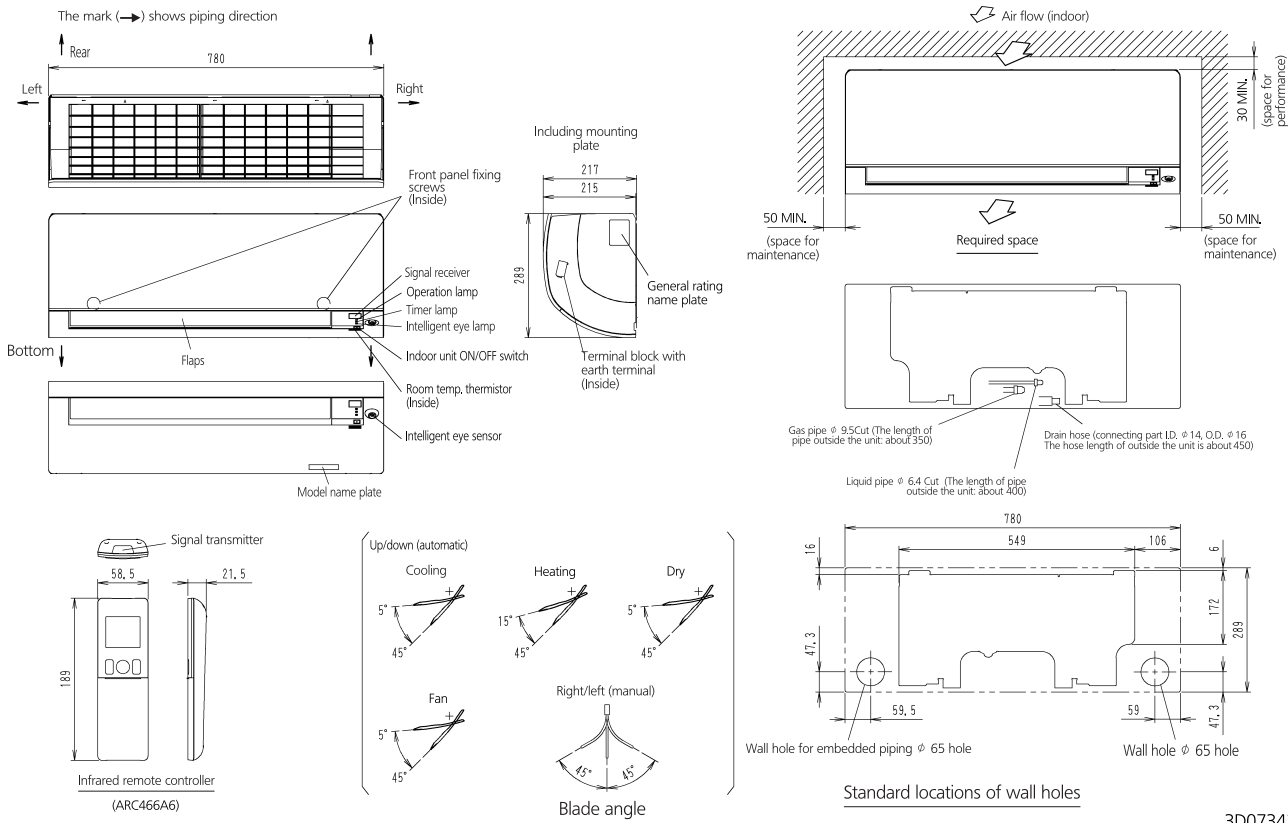
- (1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
 (2) Wiring adapter is also required for each indoor unit.
 (3) Cord for wired remote control BRCV901A03 or BRCV901A08 required.
 (4) Can only be used in combination with online controller KKRP01A.
 (5) Interface adapter KRP980A1 required.

4 Dimensional drawings

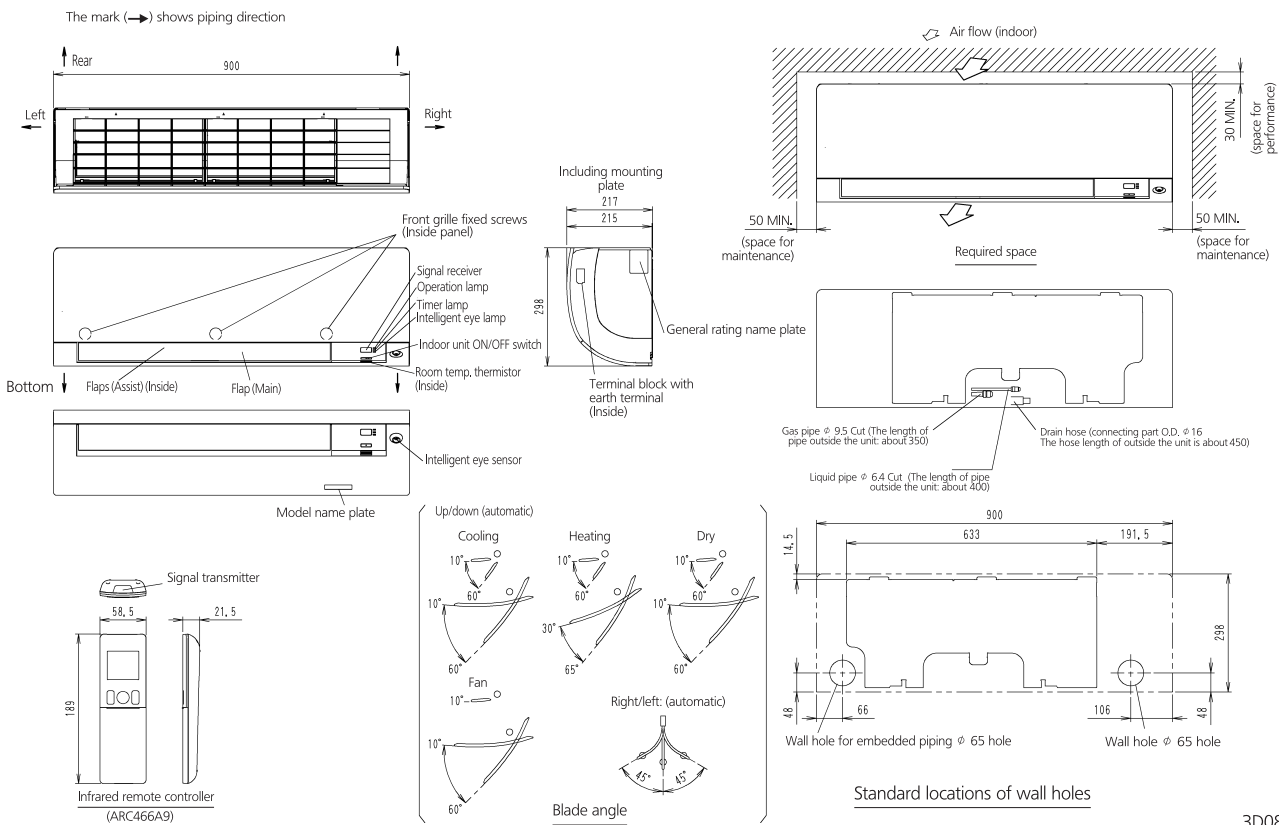
4 - 1 Dimensional Drawings

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CTXS15-35K, FTXS20-25K



FTXS35-42K

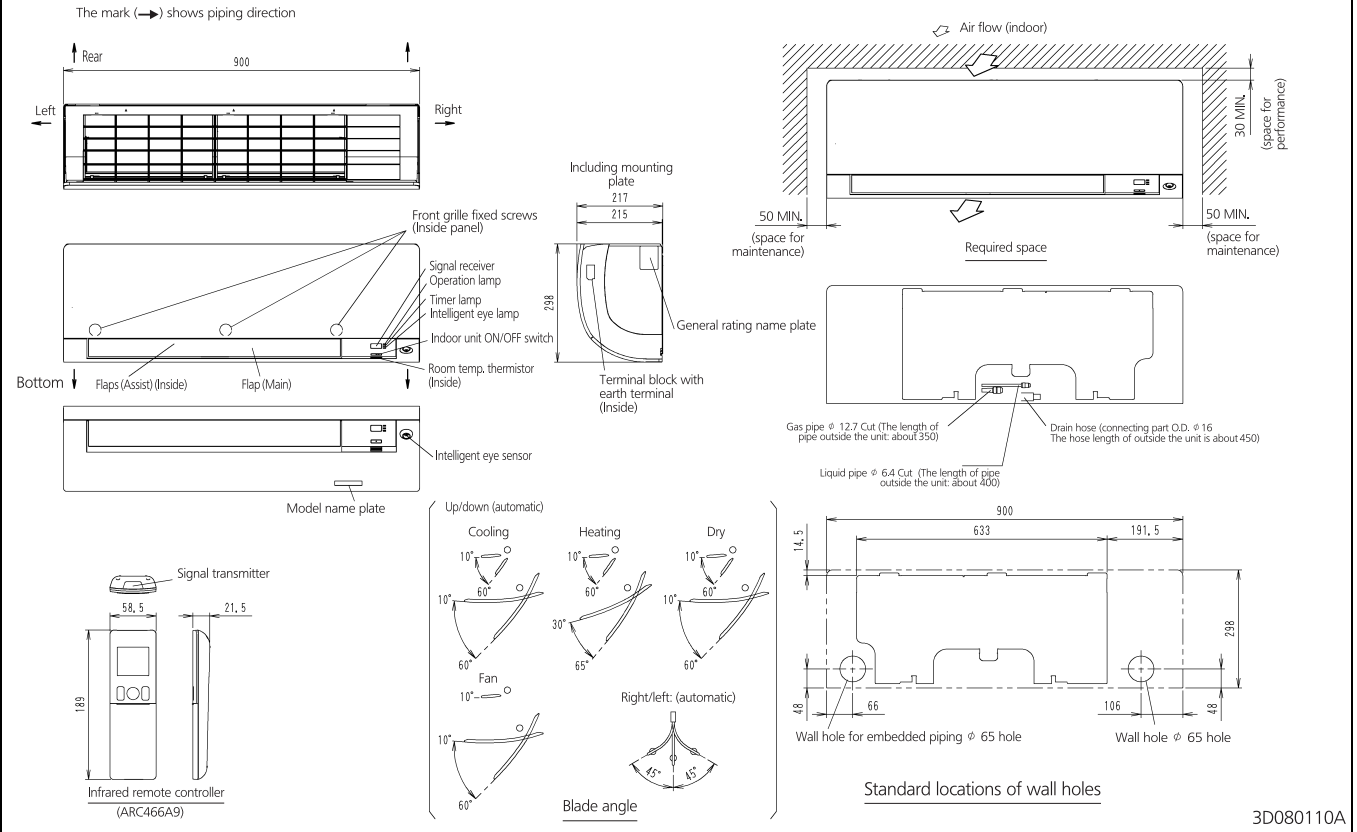


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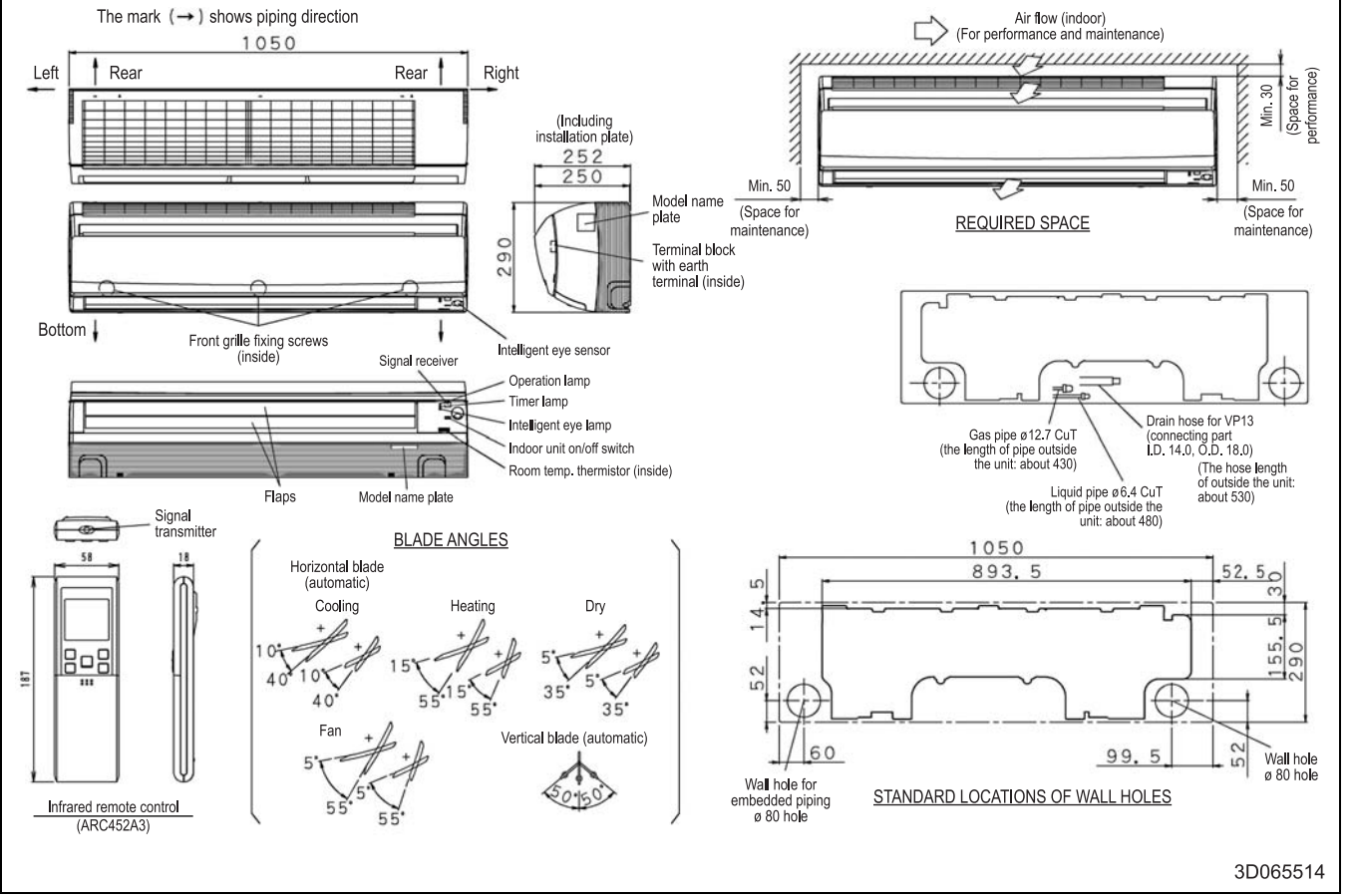
4 Dimensional drawings

4 - 1 Dimensional Drawings

FTXS50K



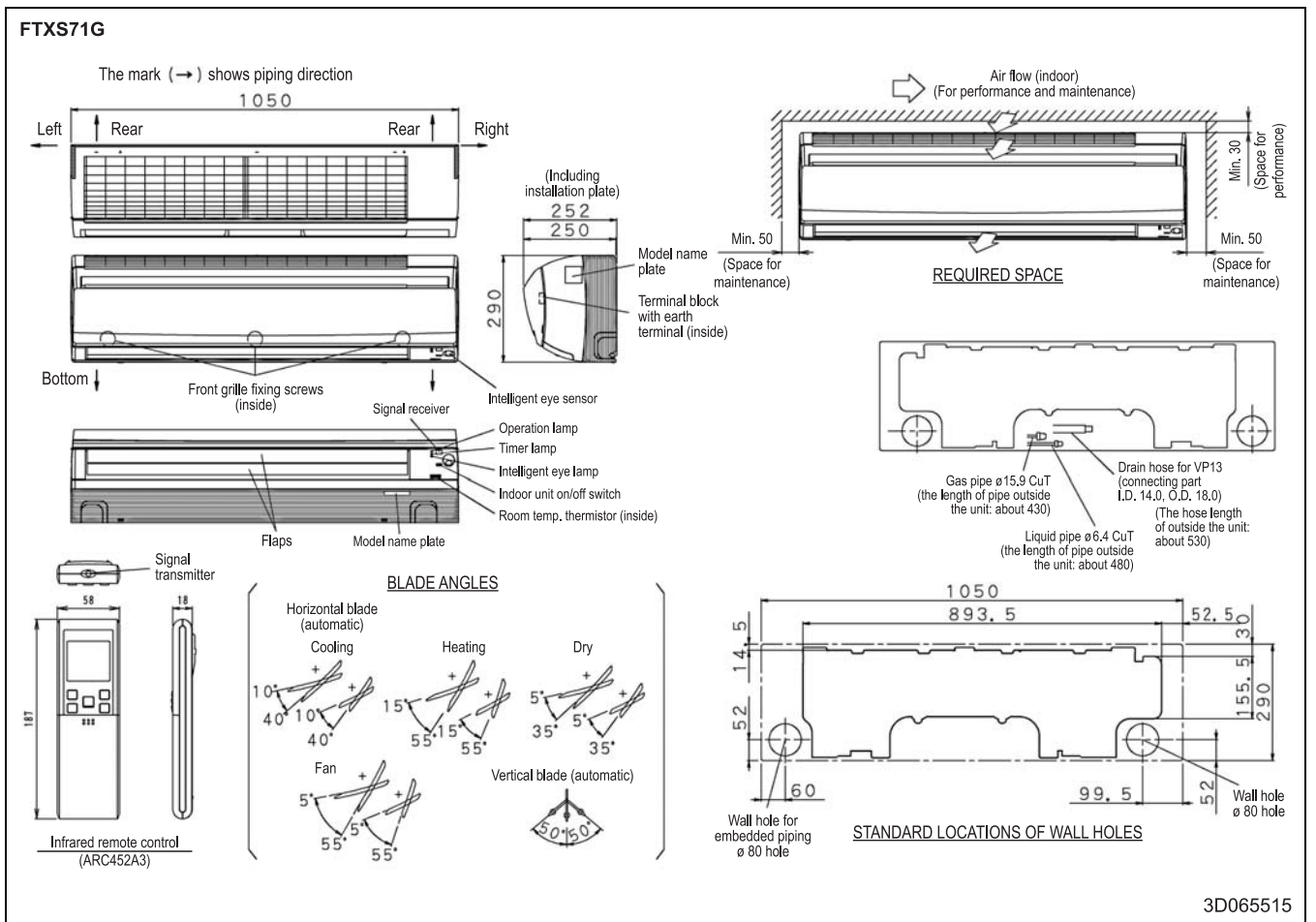
FTXS60G



4 Dimensional drawings

4 - 1 Dimensional Drawings

4

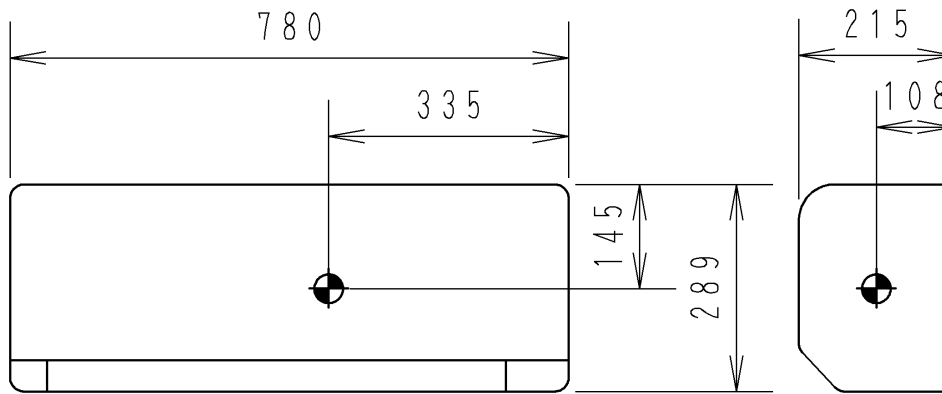


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5 Centre of gravity

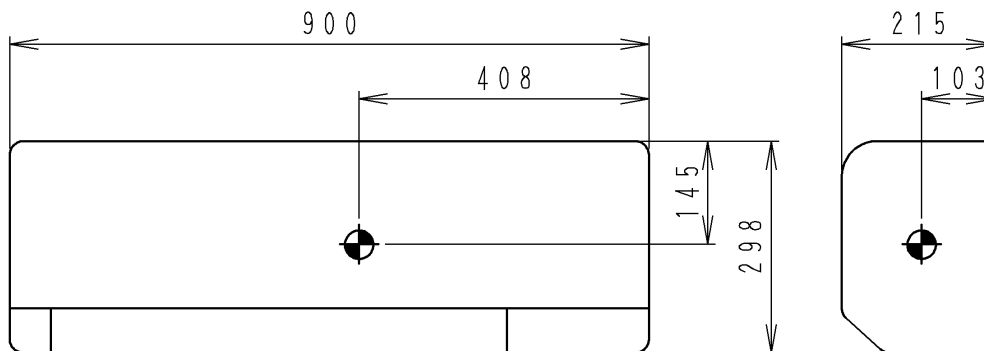
5 - 1 Centre of Gravity

CTXS15-35K, FTXS20-25K



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FTXS35-50K

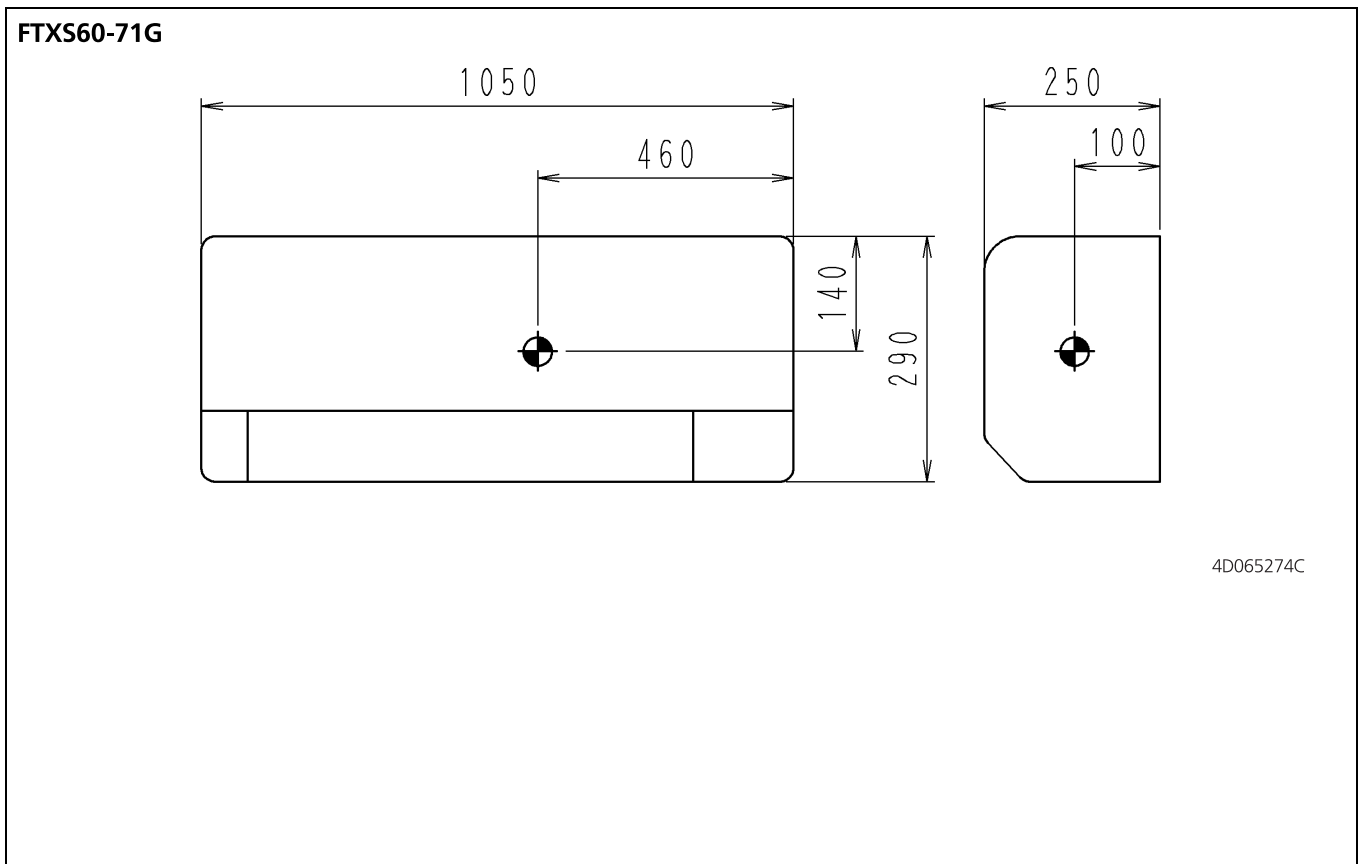


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5 Centre of gravity

5 - 1 Centre of Gravity

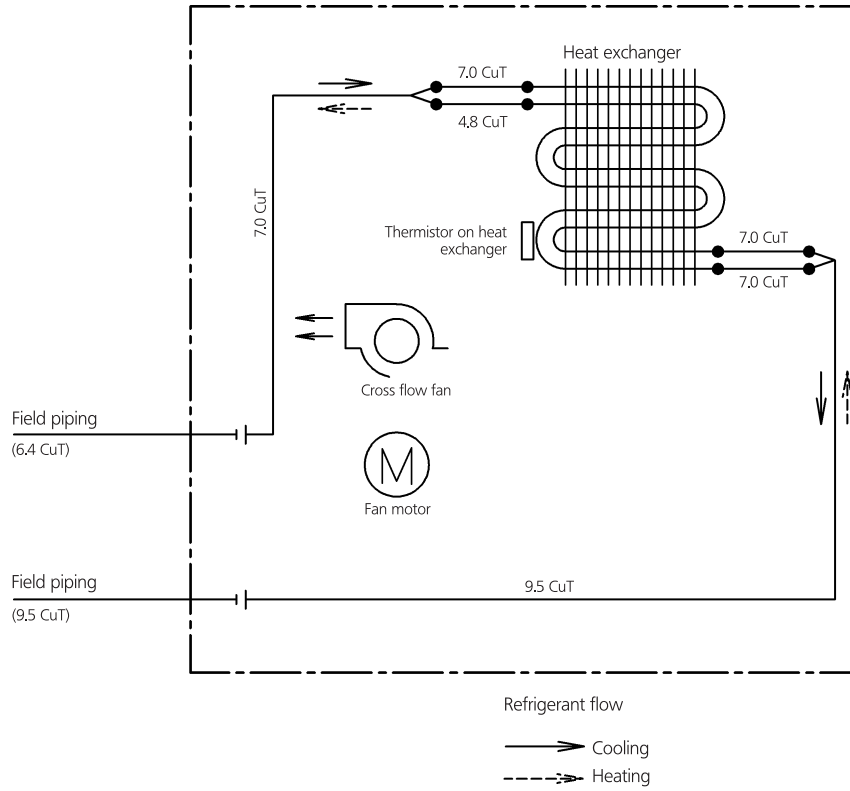
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6 Piping diagrams

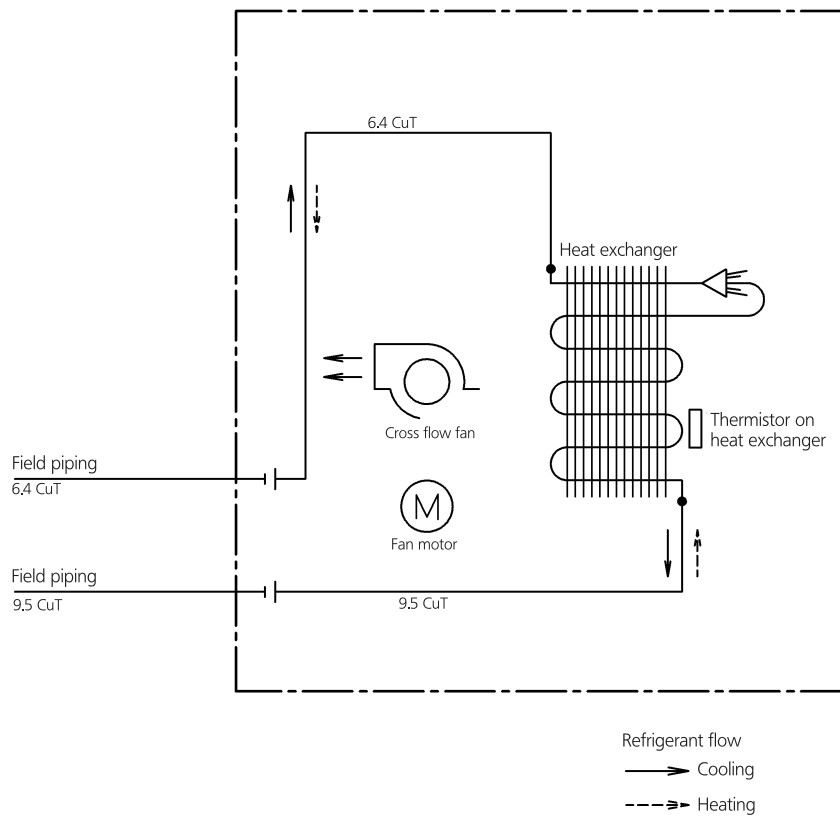
6 - 1 Piping Diagrams

CTXS15-35K, FTXS20-25K



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FTXS35-42K

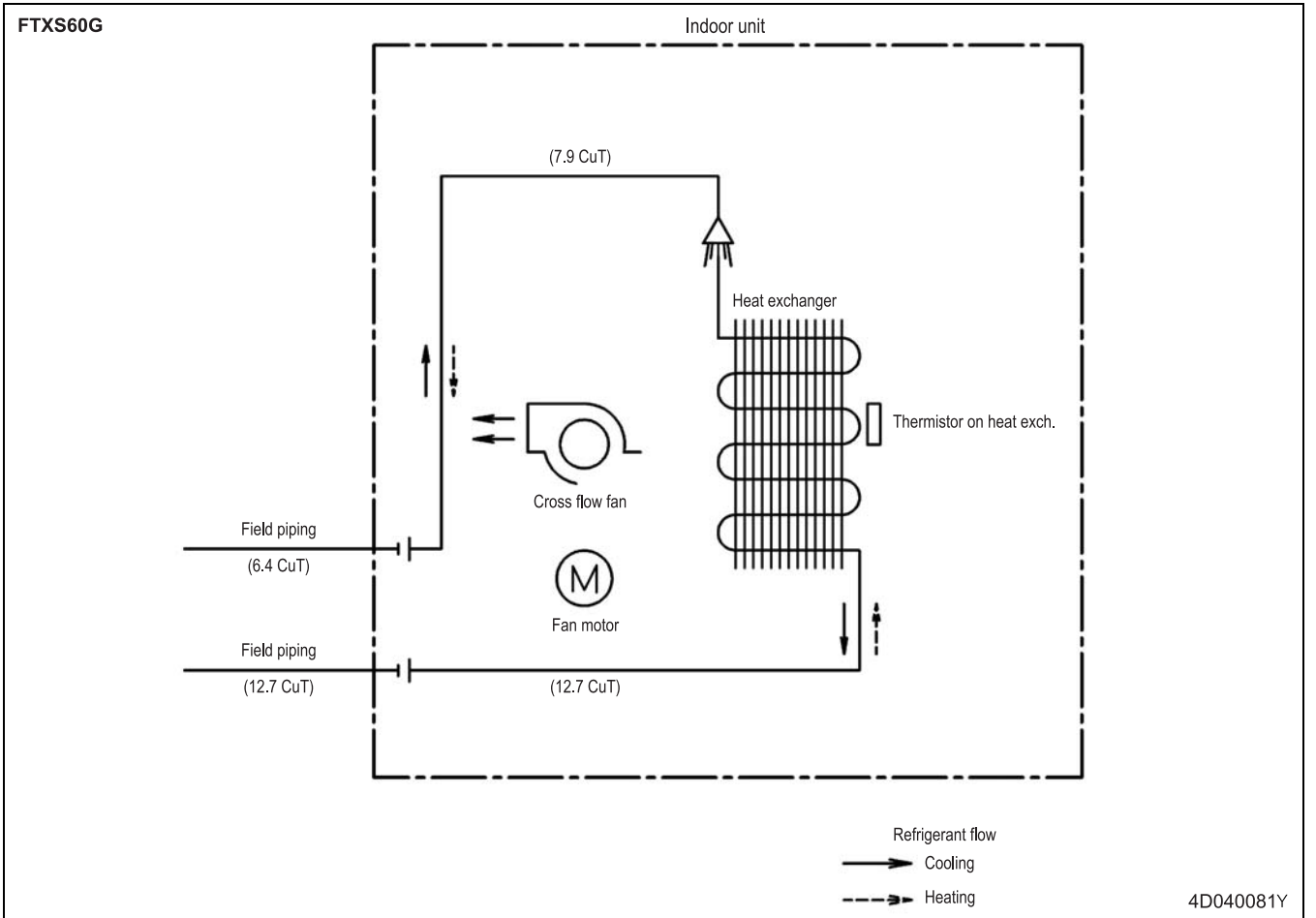
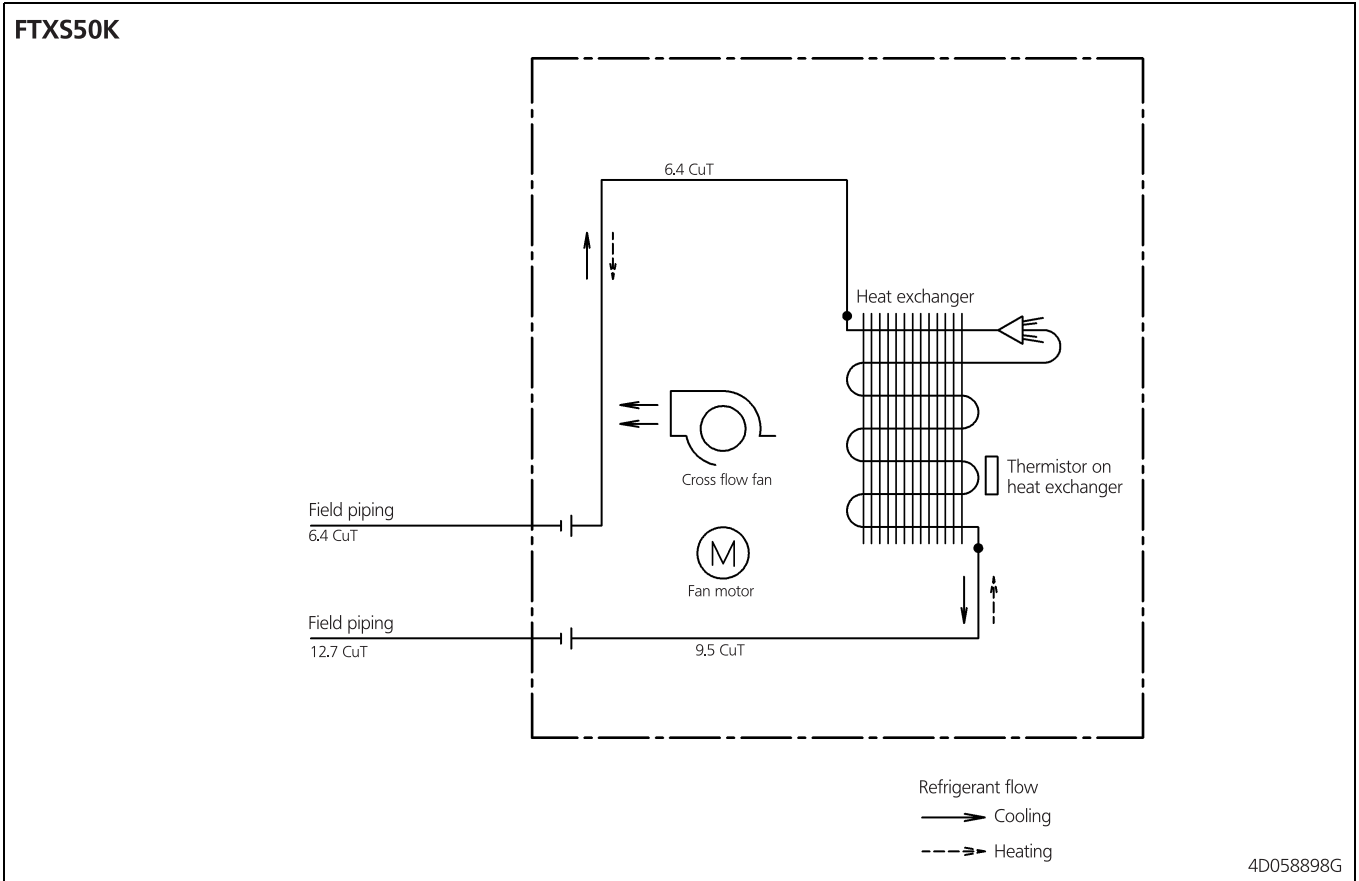


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6 Piping diagrams

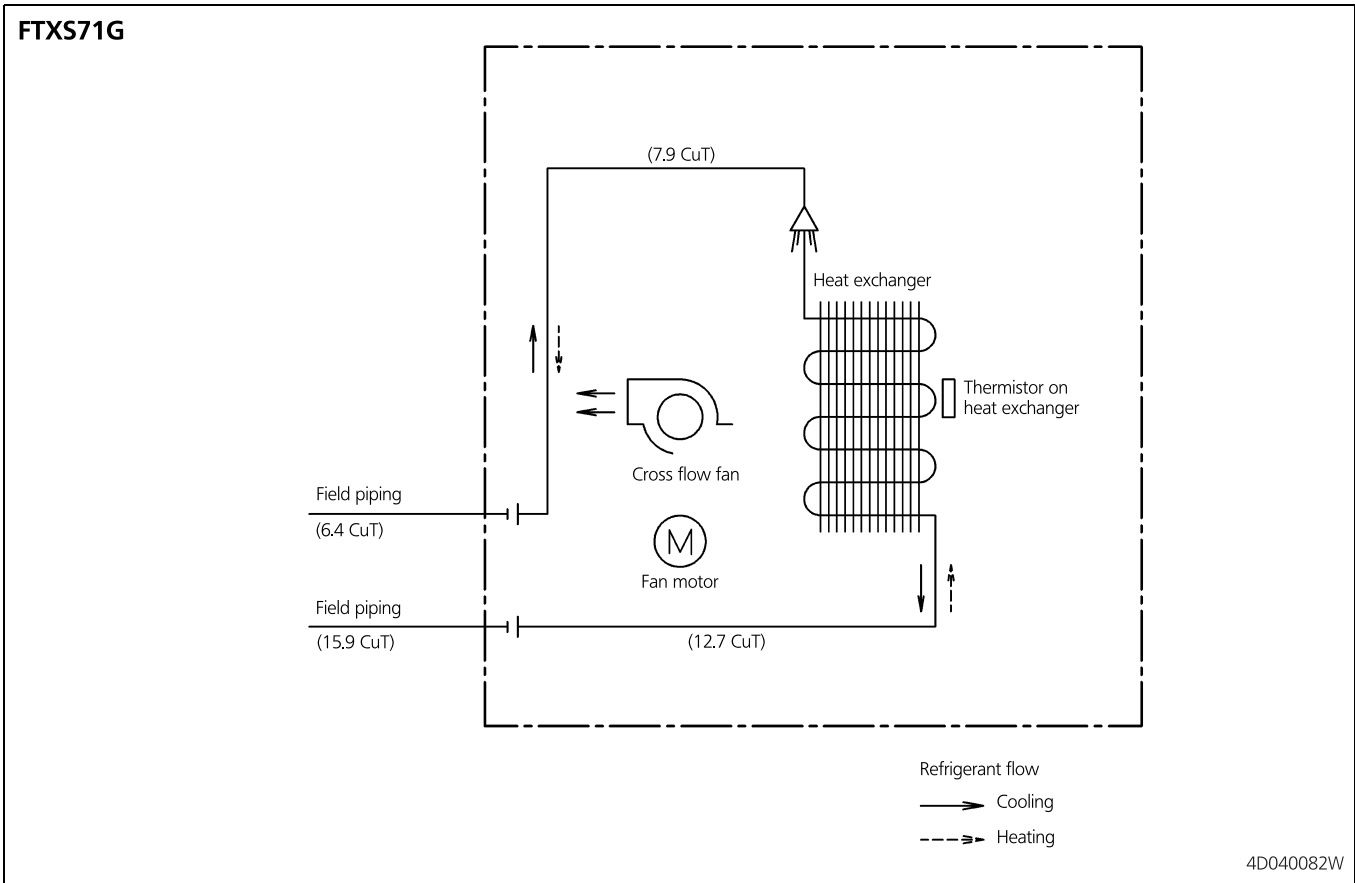
6 - 1 Piping Diagrams

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6 Piping diagrams

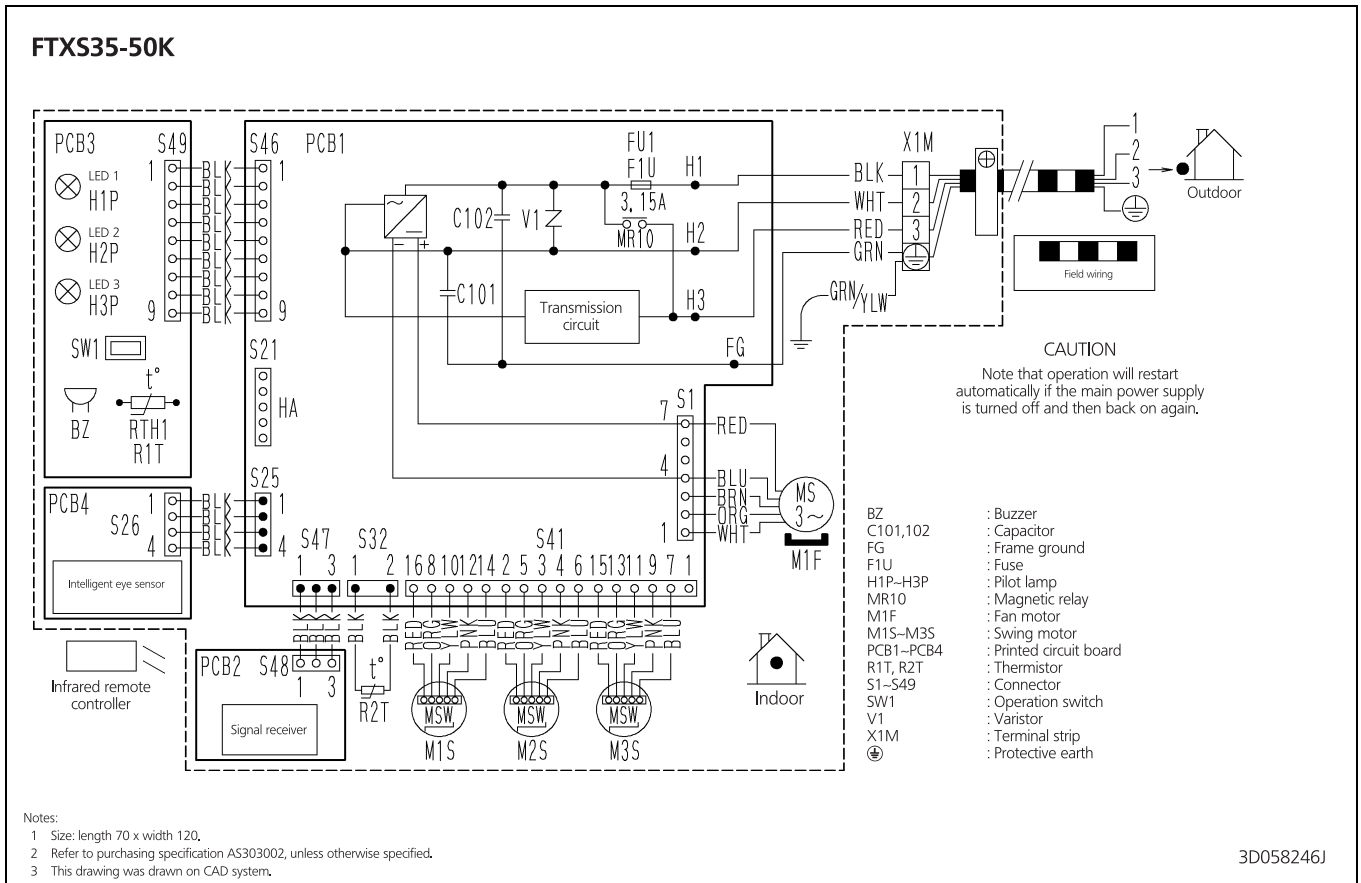
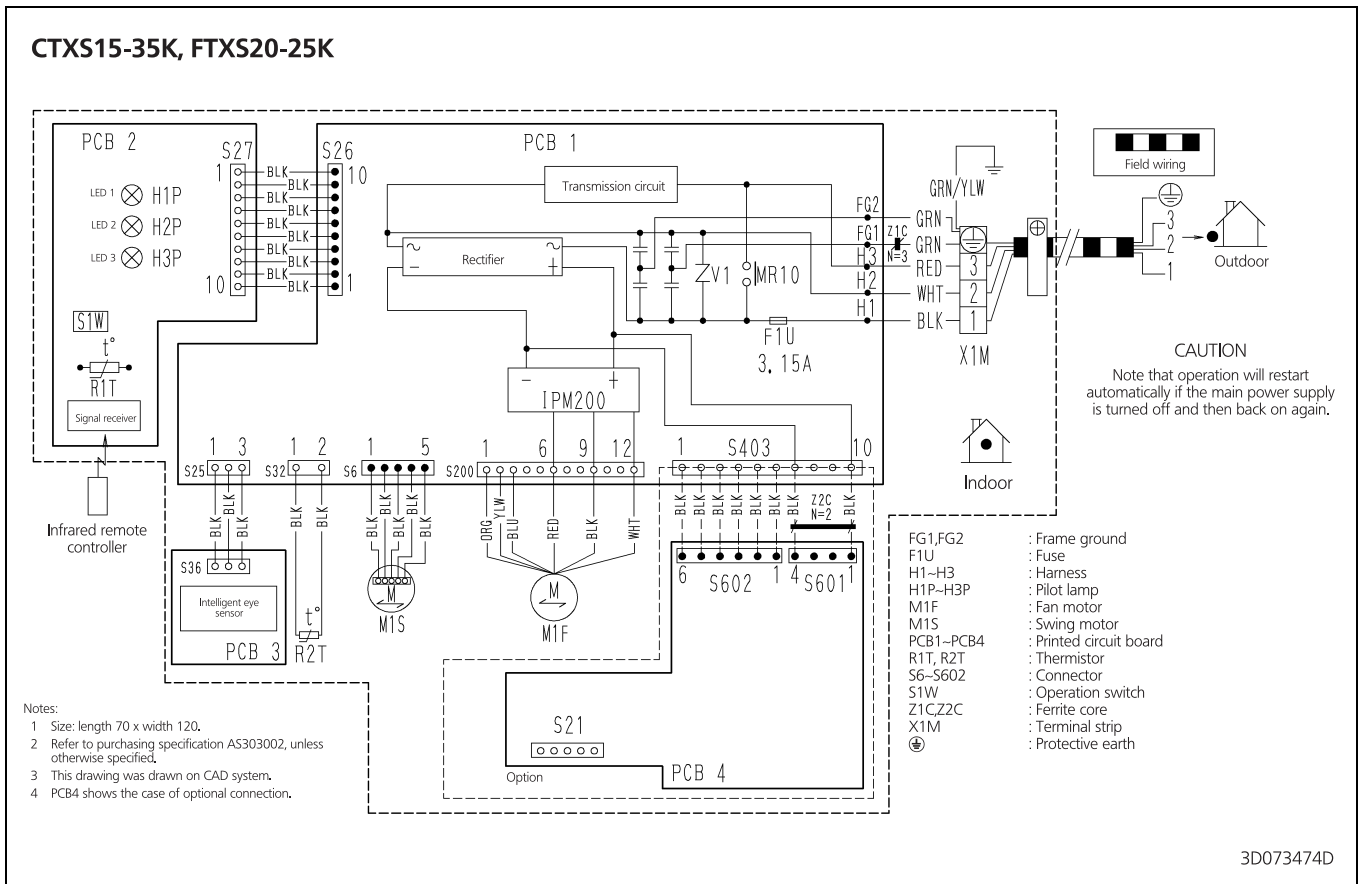
6 - 1 Piping Diagrams



7 Wiring diagrams

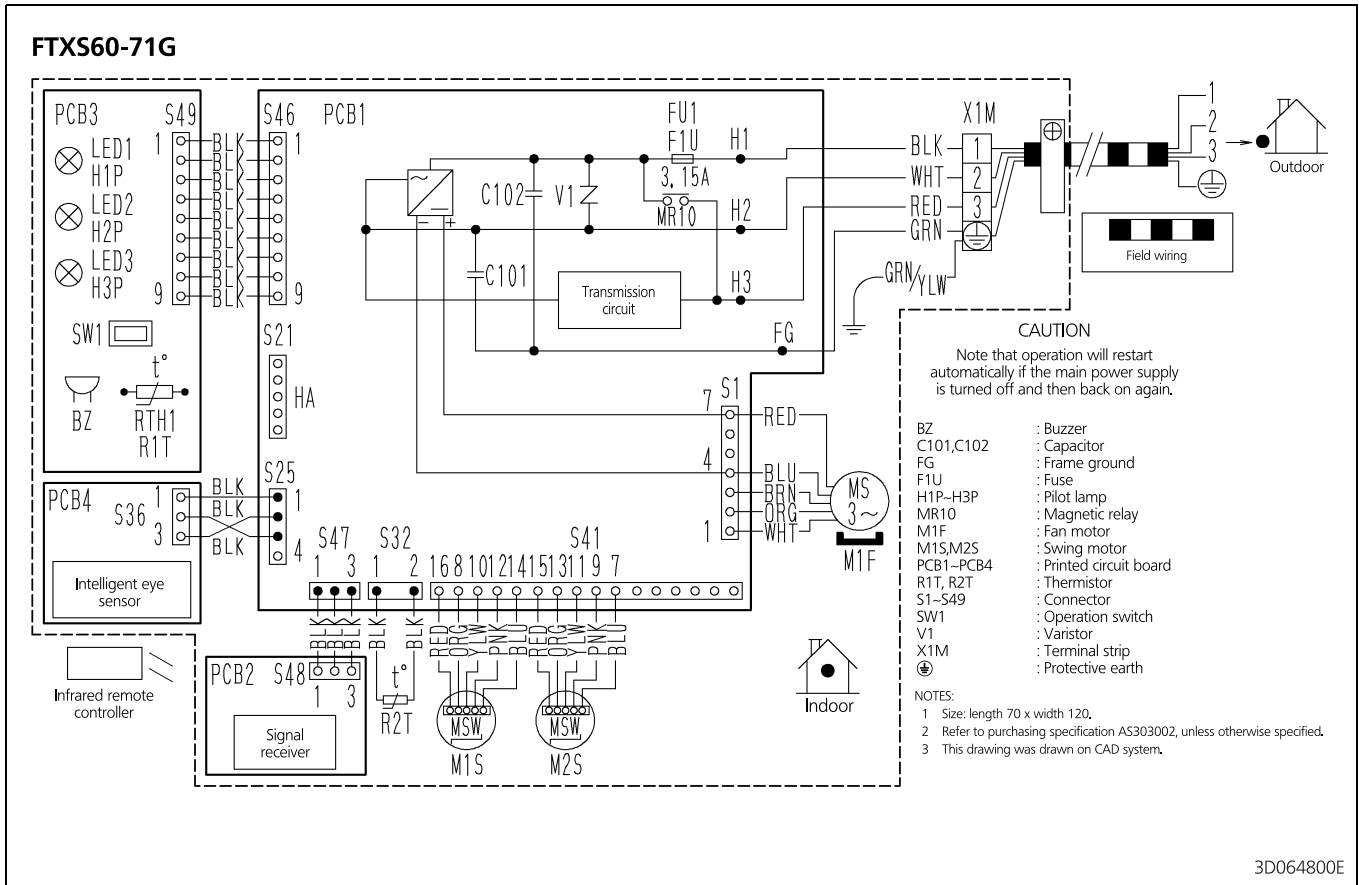
7 - 1 Wiring Diagrams - Single Phase

7



7 Wiring diagrams

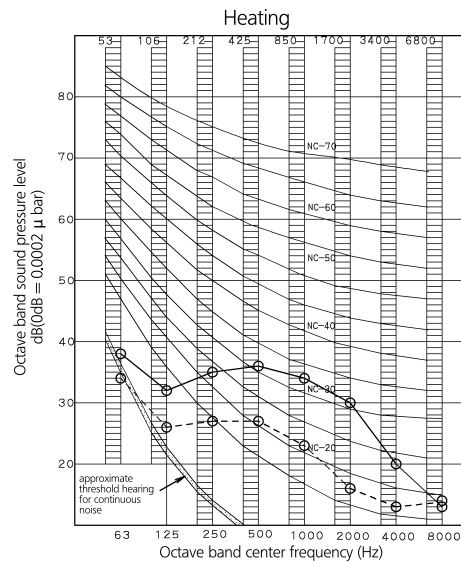
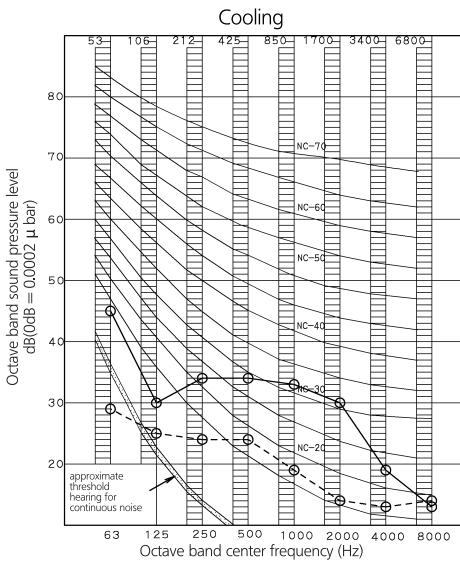
7 - 1 Wiring Diagrams - Single Phase



8 Sound data

8 - 1 Sound Pressure Spectrum

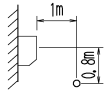
CTXS15K



NOTES

- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○ 50 Hz 230V (H)
○ 50 Hz 230V (L)

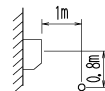
Scale	50Hz 230V (H)	50Hz 230V (L)
A	37	25



NOTES

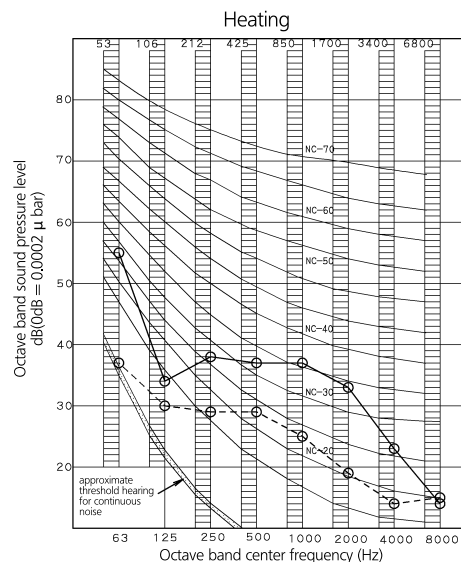
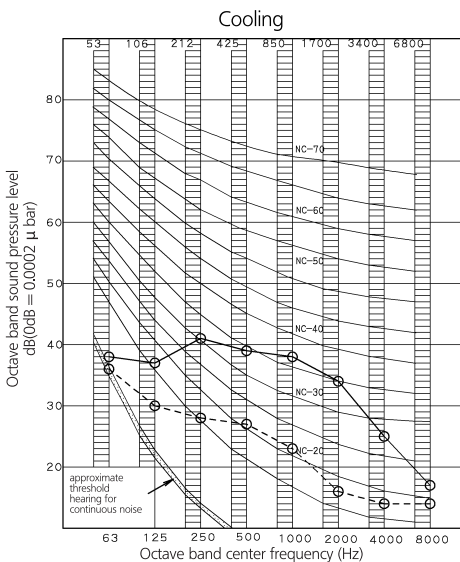
- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○ 50 Hz 230V (H)
○ 50 Hz 230V (L)

Scale	50Hz 230V (H)	50Hz 230V (L)
A	38	28



3D074668

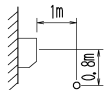
CTXS35K



NOTES

- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○ 50 Hz 230V (H)
○ 50 Hz 230V (L)

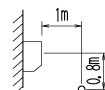
Scale	50Hz 230V (H)	50Hz 230V (L)
A	42	28



NOTES

- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 230V 50Hz
- Location of microphone JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○ 50 Hz 230V (H)
○ 50 Hz 230V (L)

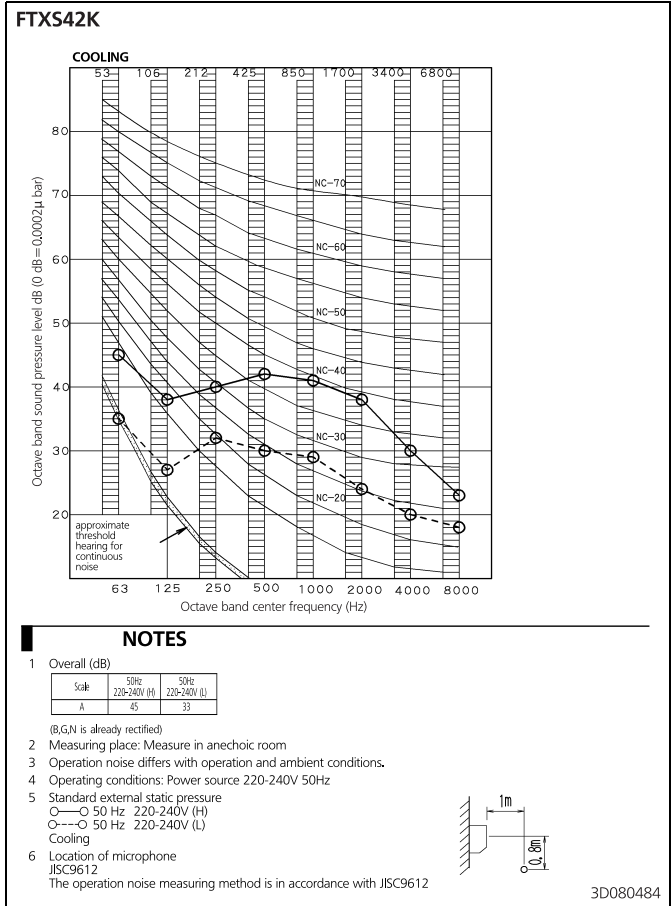
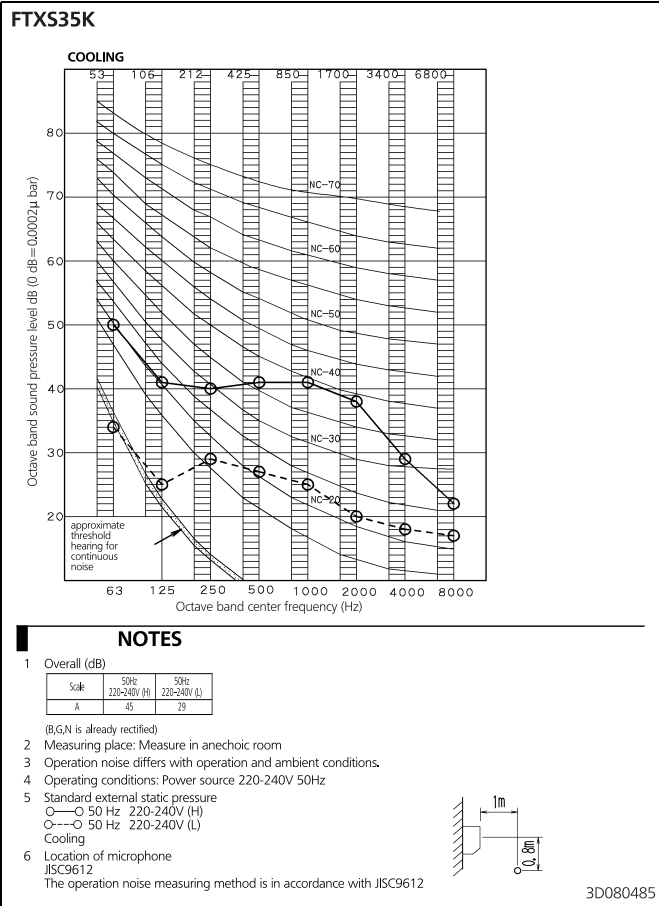
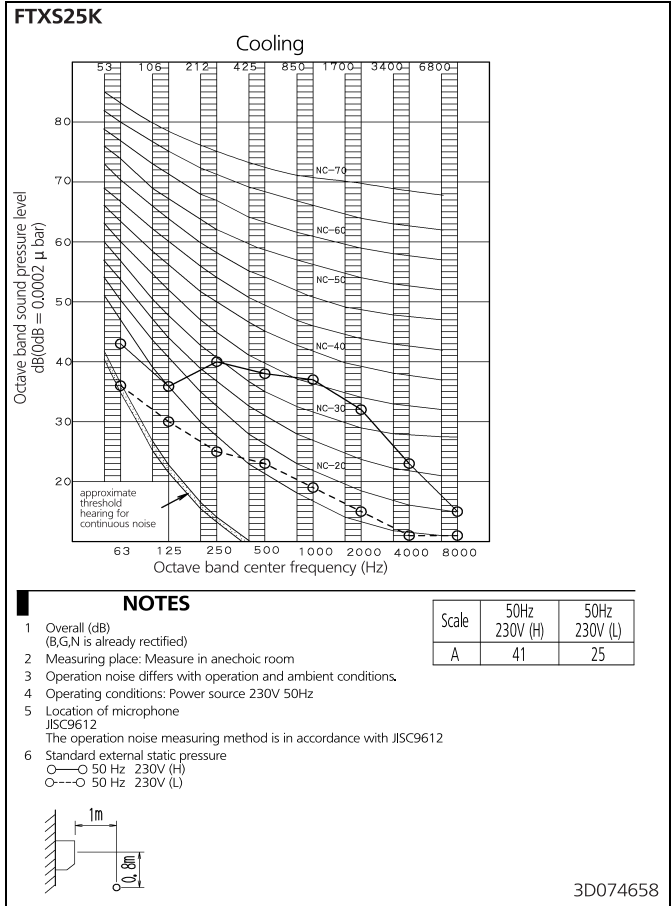
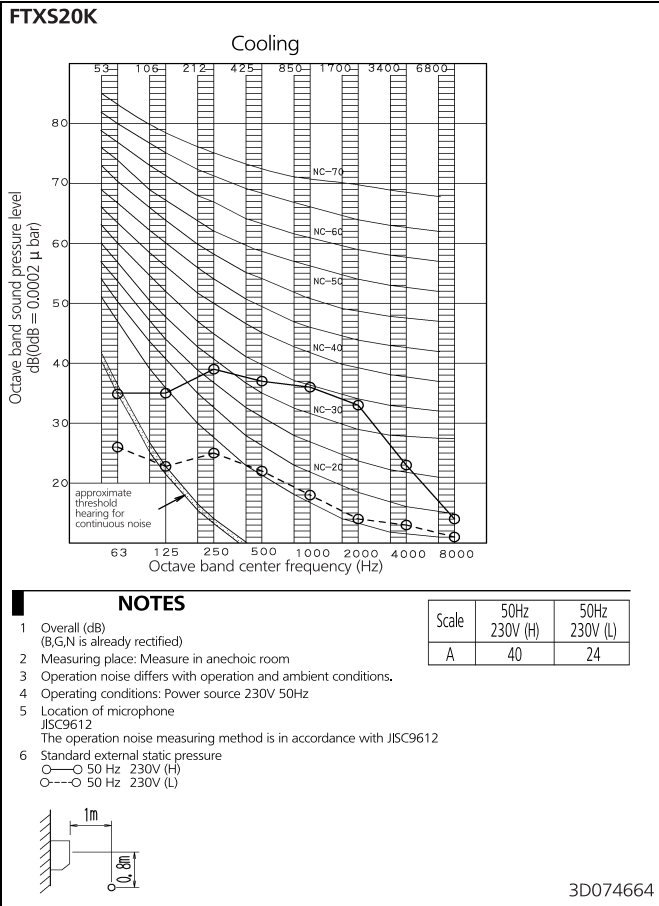
Scale	50Hz 230V (H)	50Hz 230V (L)
A	41	30



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8 Sound data

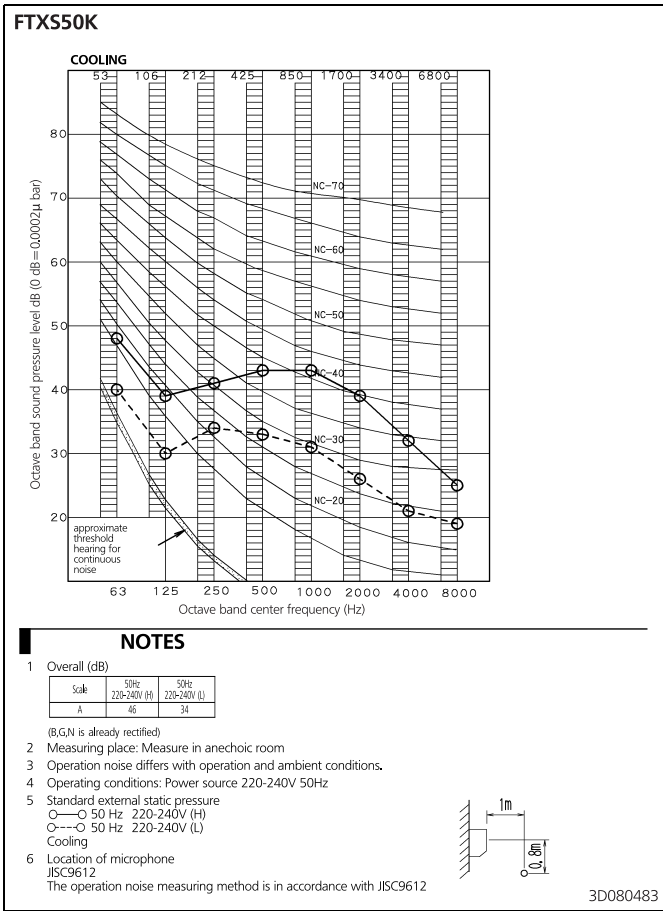
8 - 2 Sound Pressure Spectrum - Cooling



8 Sound data

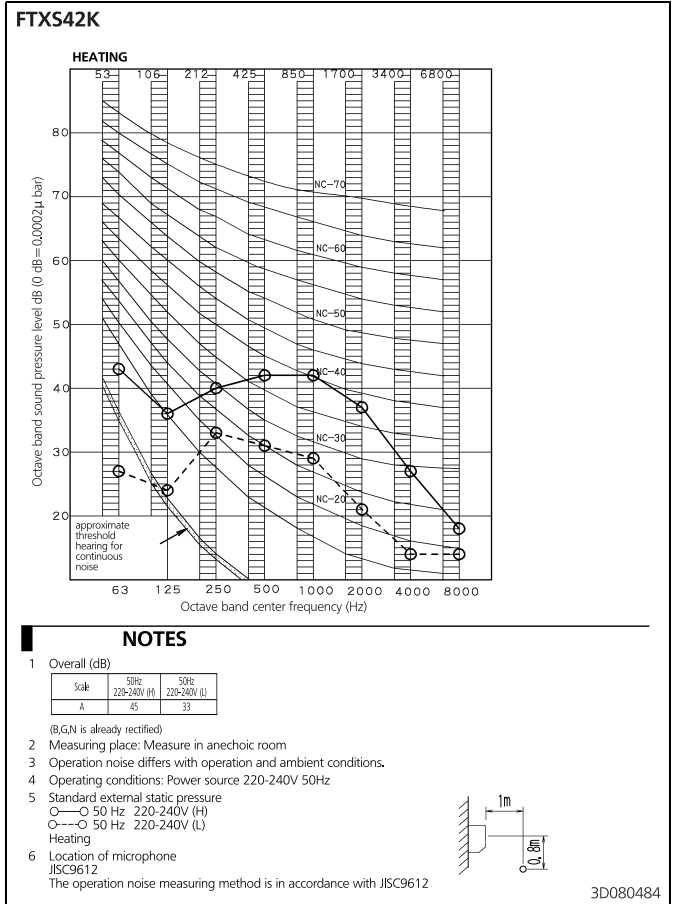
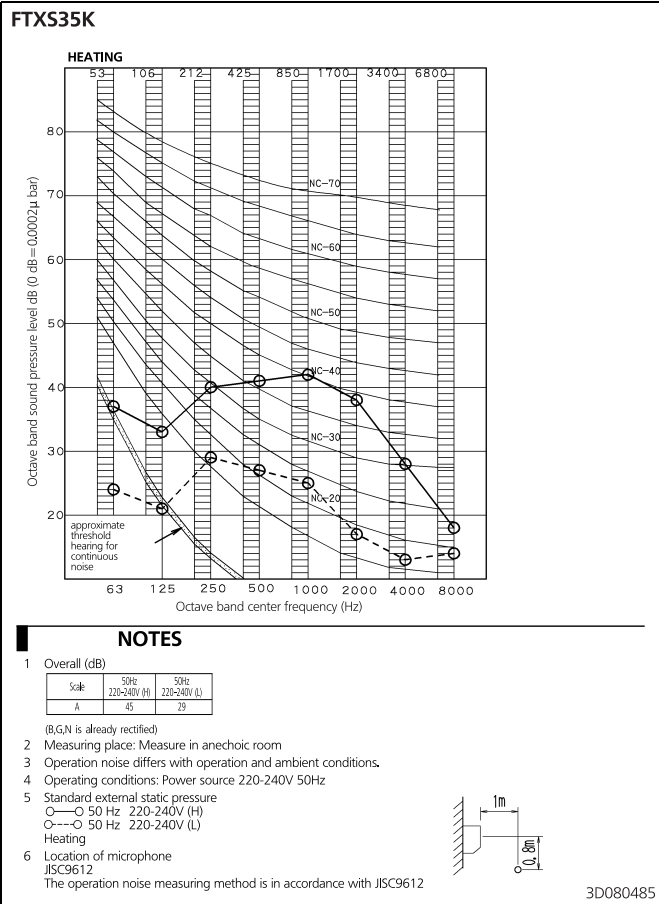
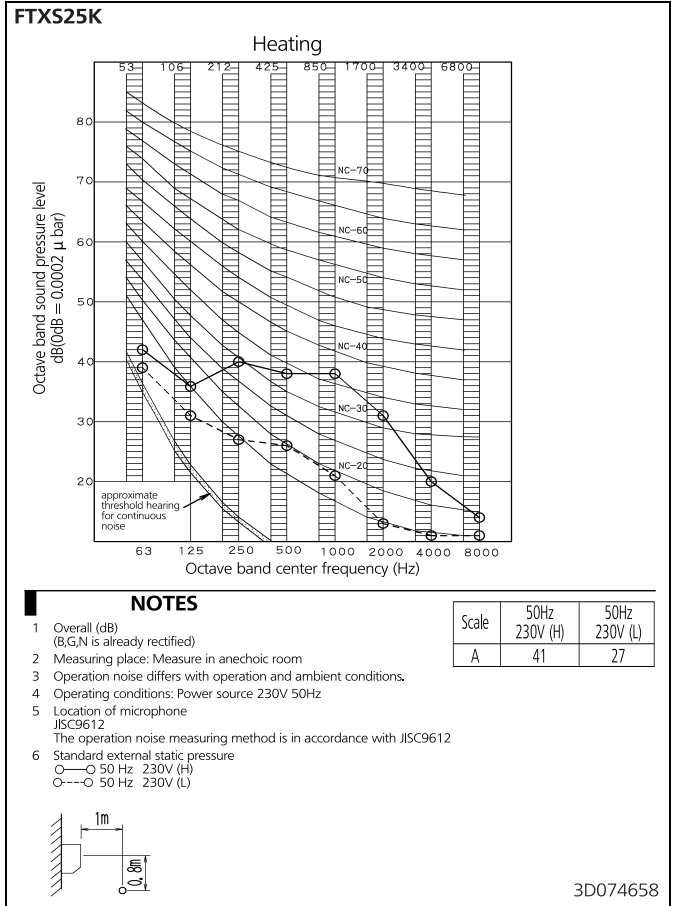
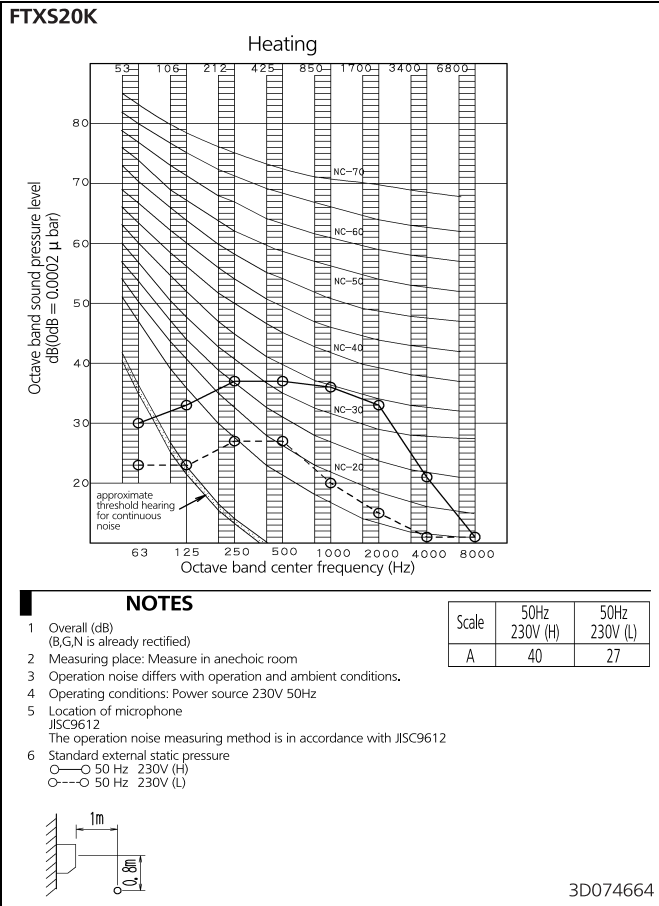
8 - 2 Sound Pressure Spectrum - Cooling

8



8 Sound data

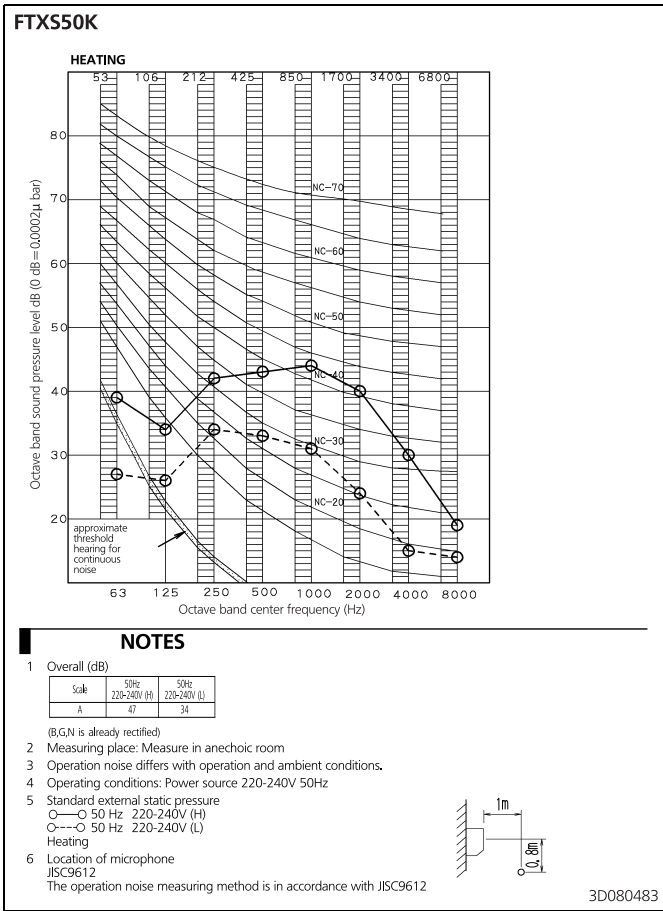
8 - 3 Sound Pressure Spectrum - Heating



8 Sound data

8 - 3 Sound Pressure Spectrum - Heating

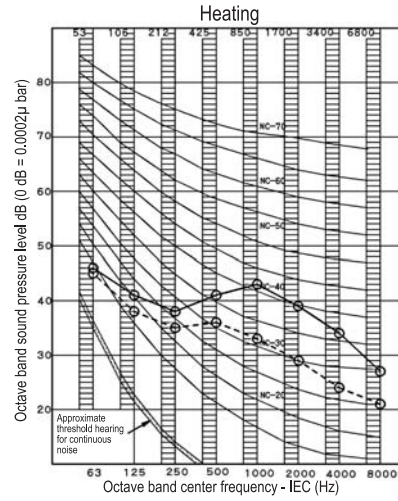
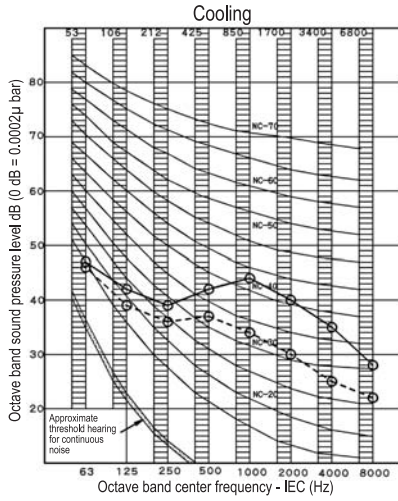
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8 Sound data

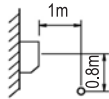
8 - 4 Sound Level Data

FTXS60G



NOTES

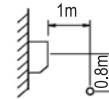
- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	(H)	(L)
A	45	36

NOTES

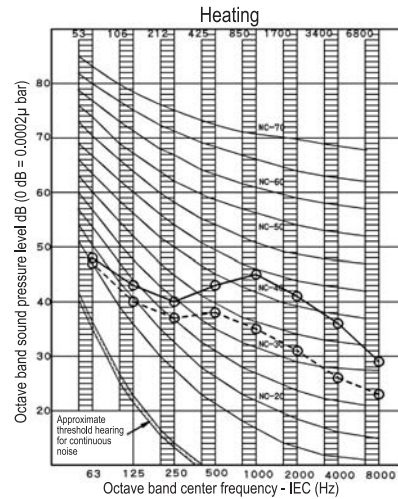
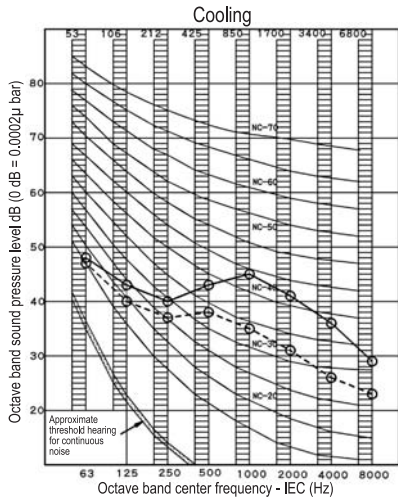
- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	H	L
A	44	35

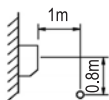
3D051227E

FTXS71G



NOTES

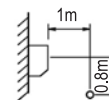
- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	(H)	(L)
A	46	37

NOTES

- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	(H)	(L)
A	46	37

3D051225D



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