



Wall mounted unit
Air Conditioning
Technical Data
FTXM-A



TABLE OF CONTENTS

FTXM-A

1	Features	4
	FTXM-A	4
2	Specifications	6
3	Options	8
4	Dimensional drawings	9
5	Centre of gravity	10
6	Piping diagrams	11
7	Wiring diagrams	13
	Wiring Diagrams - Three Phase	13
8	Sound data	14
	Sound Power Spectrum	14
	Sound Pressure Spectrum	17

1 Features

1 - 1 FTXM-A

Attractive, wall mounted design with perfect indoor air quality

1

- › Seasonal efficiency values up to A+++ in cooling and heating in pair and multi
- › Comfort+: perfect comfort with homogeneous temperature throughout the room. The double flaps direct the air towards the ceiling in heating and along the wall in heating.
- › 2 area motion detection sensor: 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.
- › Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- › Purifies the air of viruses, bacteria and fine dust thanks to the efficient dust filter
- › Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- › Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Onecta app: control your indoor from any location with an app, via your local network or internet.
- › Quiet operation: down to 19dBA sound pressure level
- › 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



Heat boost



Comfort+



Econo mode



2 area motion detection sensor



Energy saving during standby mode



Night set mode



Fan only



Powerful mode



Auto cooling-heating changeover

1 Features

1 - 1 FTXM-A



Whisper quiet



Indoor unit silent operation



Outdoor unit silent operation



3-D air flow



Vertical auto swing



Horizontal auto swing



Auto fan speed



Dry programme



Silver allergen removal and air purifying filter



Flash Streamer



Practically inaudible



Titanium apatite deodorising filter



Air purification filter



Weekly timer



Infrared remote control



Wired remote control



Centralised control



Onecta via app



Auto-restart



Self diagnosis



Multi model application

2 Specifications

2 - 1 Specifications

Technical specifications				FTXM20A	FTXM25A	FTXM35A	FTXM42A	FTXM50A	
Power input	Cooling		kW	0.019		0.029	0.031	0.034	
	Heating		kW	0.018		0.019	0.035	0.036	
Casing	Colour					White			
Dimensions	Unit	Height	mm			298			
		Width	mm			804			
		Depth	mm			252			
	Packed unit	Height	mm			350			
		Width	mm			875			
		Depth	mm			380			
Weight	Unit		kg			11.5			
	Packed unit		kg			13			
Packing	Weight		kg			2			
Heat exchanger	Length		mm			622			
	Rows	Quantity				2			
	Fin pitch		mm			1.40			
	Face area		m ²			0.214			
	Stages	Quantity				18			
	Passes	Quantity			2.20	2.40	3.43		
	Tube type					ø5 Hi-XB			
	Tube material					Copper			
	Tube diameter		mm			5			
	Fin Type					Multi slit fin			
	Heat exchanger 2	Quantity			2		1		
		Length		mm			622		
Rows		Quantity				1			
Fin pitch		mm			1.40				
Face area		m ²		0.047		0.094			
Stages		Quantity			4		8		
Heat exchanger 3	Length		mm			622			
	Rows	Quantity				1			
	Fin pitch		mm			1.40			
	Stages	Quantity				4			
Fan	Type					Cross flow fan			
	Air flow rate	Cooling	High	m ³ /min	11.9	13.2	13.3	12.7	
cfm				420	466	470	448		
Fan	Air flow rate	Cooling	Medium	m ³ /min	8.9	9.4	9.8	10.4	
			cfm		314	332	346	367	
	Low	m ³ /min	6.3	7.1	7.2	7.8			
		cfm		222	251	254	275		
	Silent operation	m ³ /min	4.9	4.6	5.0	5.9			
		cfm		173	162	177	208		
	Heating	High	m ³ /min	11.4	11.1	14.0	14.5		
		cfm		403	392	494	512		
	Medium	m ³ /min	9.2	9.4	10.0	11.5			
		cfm		325	332	353	406		
	Low	m ³ /min		6.9	7.1	8.6			
		cfm		244	251	304			
Silent operation	m ³ /min		4.9	5.1	6.9				
	cfm		173	180	244				
Fan motor	Model					DFH04E1VA			
	Speed					5 + silent, + auto			
Sound power level	Cooling	High	rpm	900	1,040	1,060	1,090		
		Medium	rpm	720	800	850	890		
		Low	rpm	570	670	680	720		
		Silent operation	rpm		480	510	600		
	Heating	High	rpm	880	890	1,100	1,110		
		Medium	rpm	750	790	860	950		
		Low	rpm	620	650	690	780		
		Silent operation	rpm	500	530	540	650		
	Output		Rated	W		35			
	Sound power level	Cooling		dB(A)	54	58	60		
Heating			dB(A)		53	60			
Sound pressure level	Cooling	High	dB(A)	41		45	46		
		Medium	dB(A)	33	37	38	40		
		Low	dB(A)	25	29	30	33		
		Silent operation	dB(A)		19	21	27		
	Heating	High	dB(A)		39	45	46		
		Medium	dB(A)	34	35	37	41		
		Low	dB(A)	26	27	29	34		
		Silent operation	dB(A)		20	21	31		
	Refrigerant	Type				R-32			
		GWP				675			

2 Specifications

2 - 1 Specifications

Technical specifications				FTXM20A	FTXM25A	FTXM35A	FTXM42A	FTXM50A
Heat exchanger 3	Quantity		mm	-		1		
Piping connections	Liquid	OD	mm	6.4				
	Gas	OD	mm	9.5			12.7	
	Drain			16				
	Heat insulation	Both liquid and gas pipes						
Air filter	Type	Removable / washable						
Air direction control	Right, Left, Horizontal, Downward							
Temperature control	Microcomputer control							
Control systems	Infrared remote control	ARC466A86						
	Wired remote control	BRC073A1						

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Operation manual;Quantity: 1;

Standard accessories: Wireless remote control;Quantity: 1;

Standard accessories: AAA dry-cell batteries;Quantity: 2;

Standard accessories: Screw bag;Quantity: 1;

Standard accessories: Remote control holder;Quantity: 1;

Standard accessories: Titanium apatite deodorizing filter;Quantity: 1;

Standard accessories: Silver particle filter;Quantity: 1;

Standard accessories: Screw cover;Quantity: 2;

Standard accessories: Installation plate;Quantity: 1;

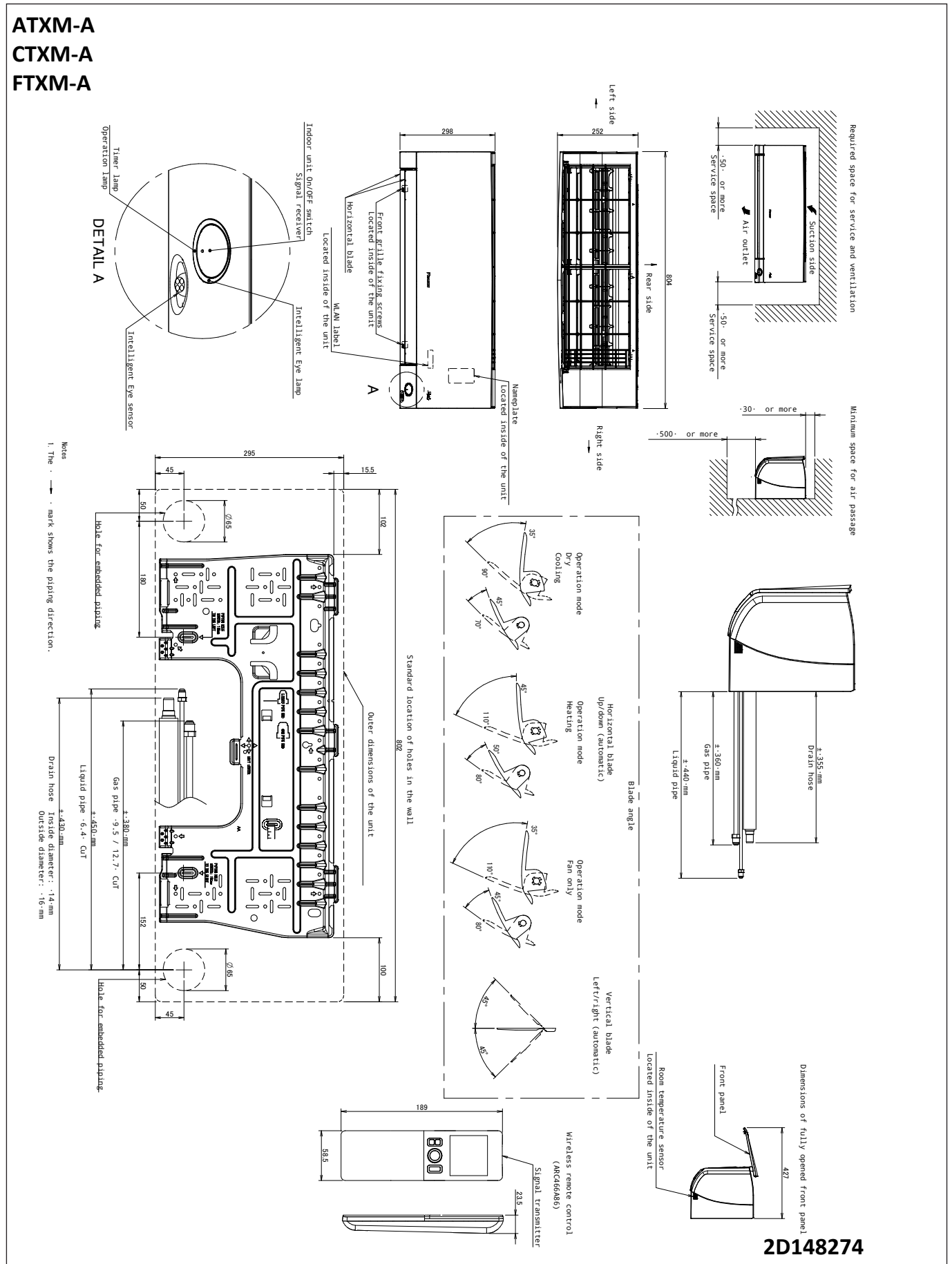
Electrical specifications				FTXM20A	FTXM25A	FTXM35A	FTXM42A	FTXM50A
Power supply	Name	V1						
	Phase	1~						
	Frequency	Hz	50					
	Voltage	V	220-240					
Wiring connections -50Hz	For power supply	Quantity	3					
		Remark	3 for power supply, 4 for interunit wiring (Earth wire included)					
Current	Nominal running current (RLA)	Cooling	A	0.3	0.4			

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |
 Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

4 Dimensional drawings

4 - 1 Dimensional Drawings

ATXM-A
CTXM-A
FTXM-A

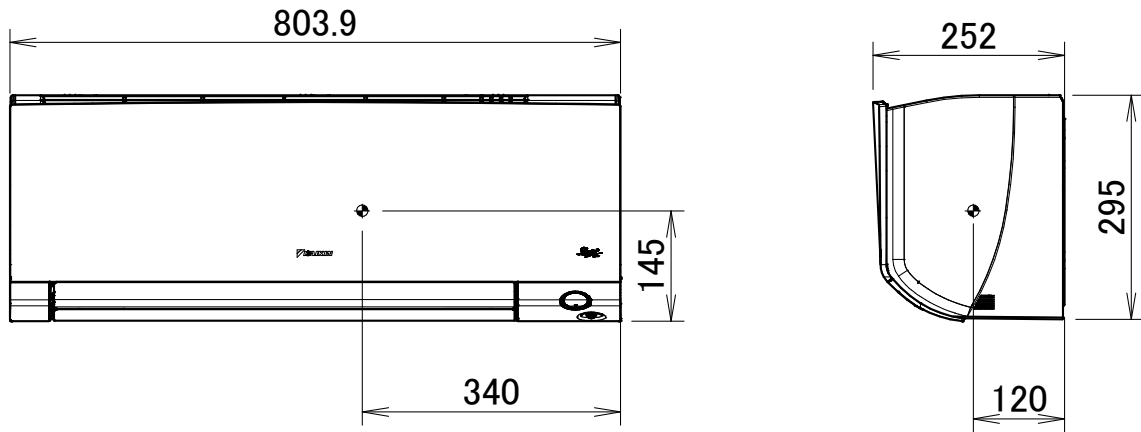


5 Centre of gravity

5 - 1 Centre of Gravity

5

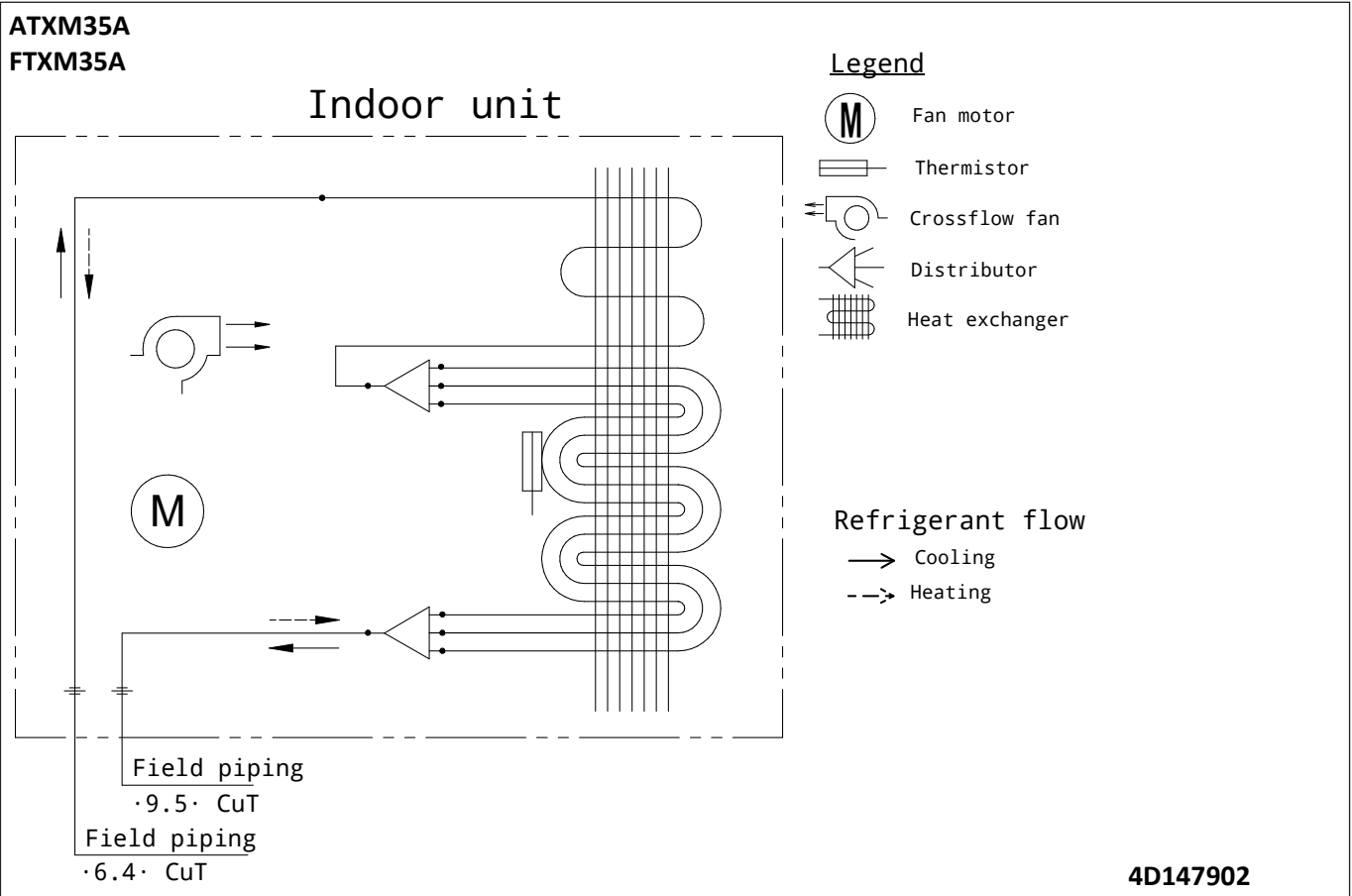
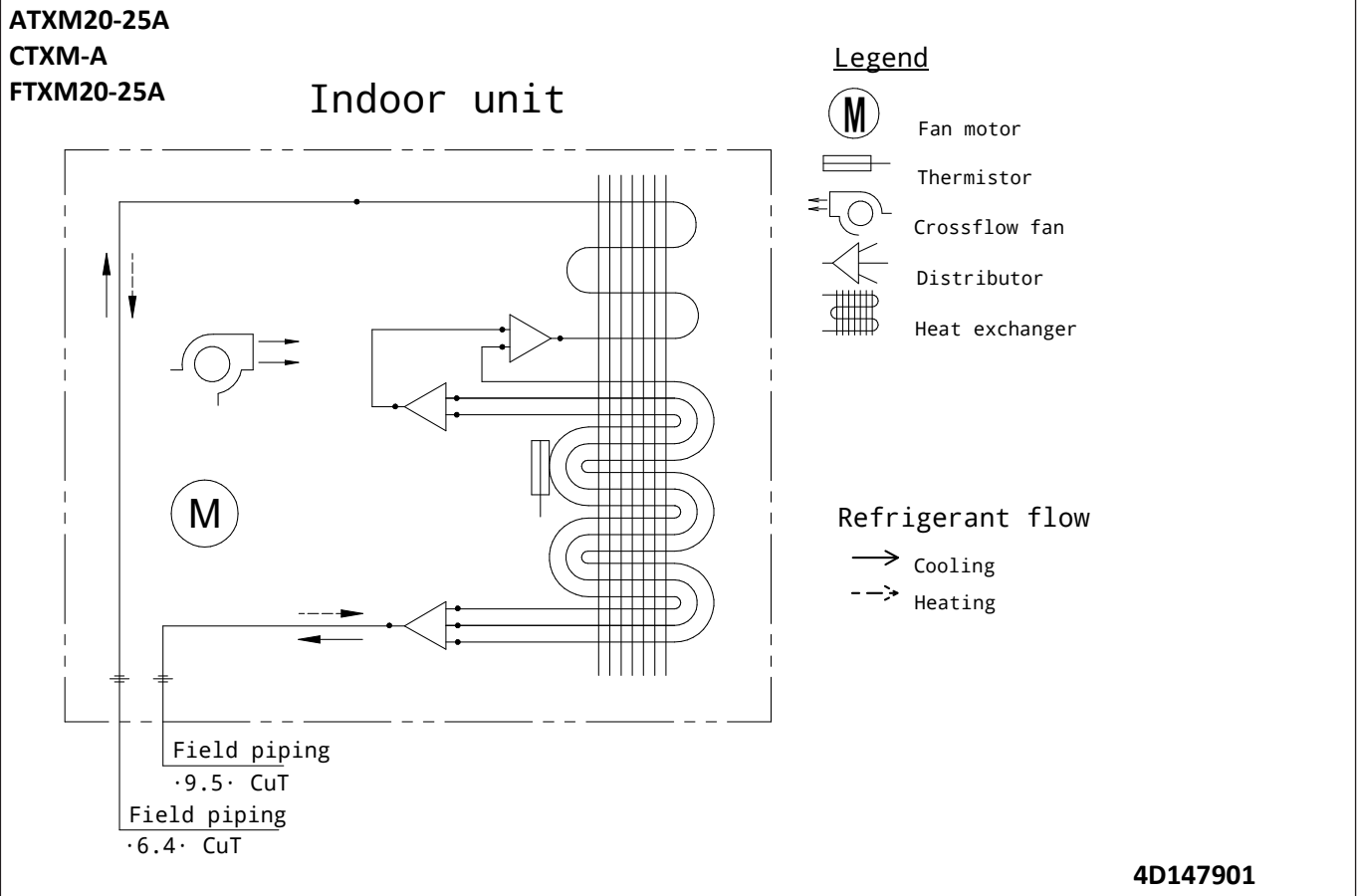
ATXM-A
CTXM-A
FTXM-A



4D148220

6 Piping diagrams

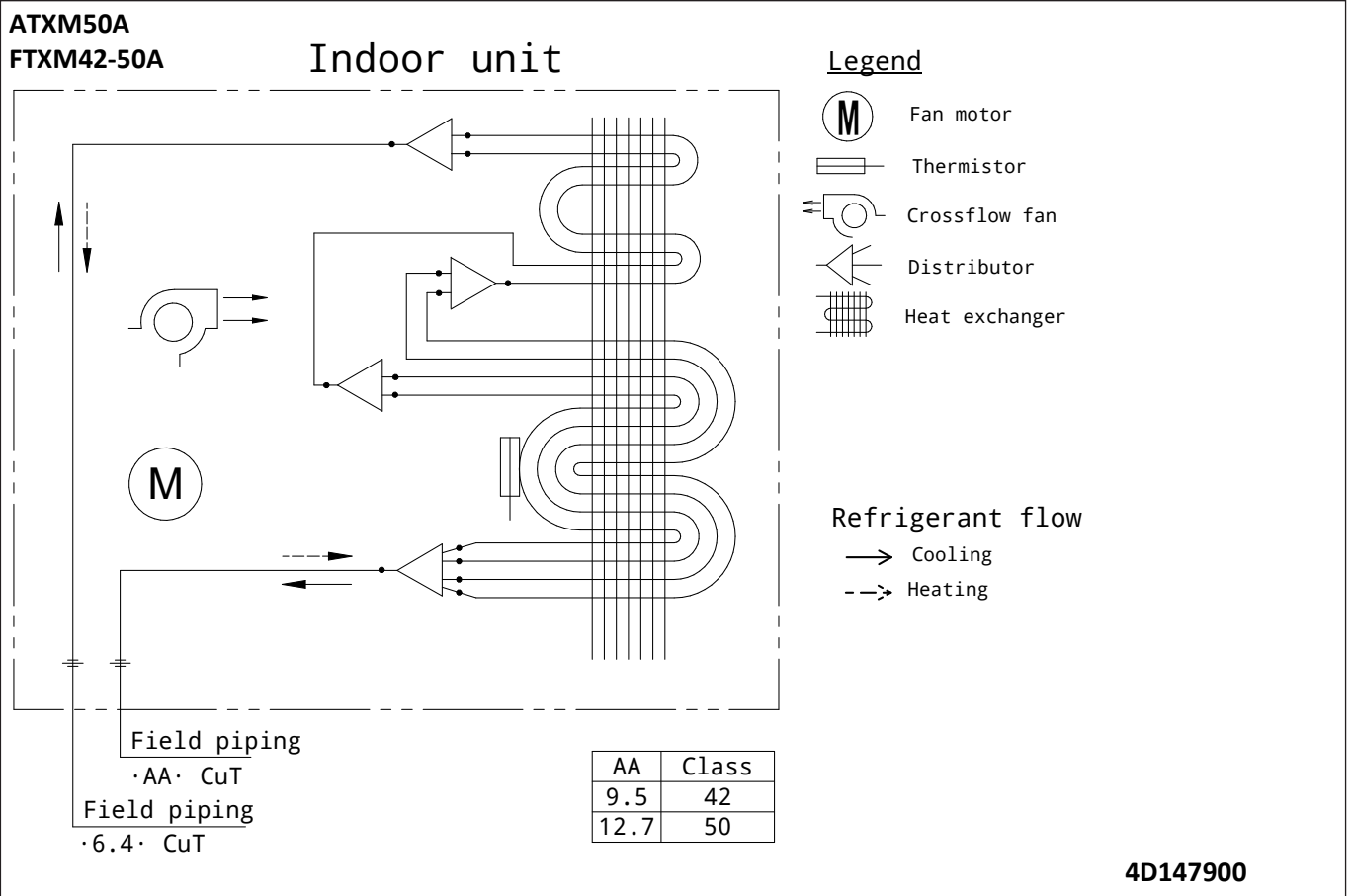
6 - 1 Piping Diagrams



6 Piping diagrams

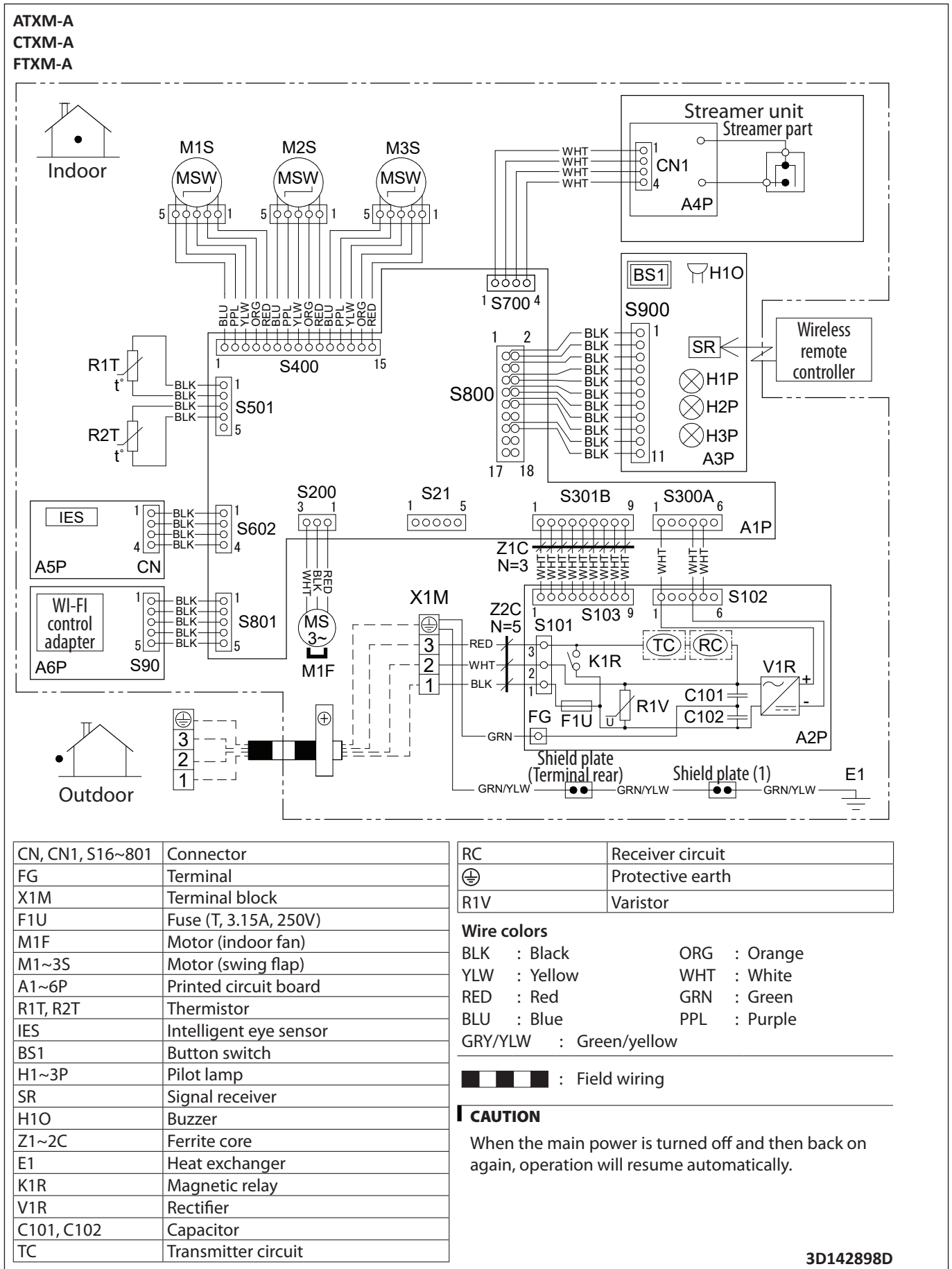
6 - 1 Piping Diagrams

6



7 Wiring diagrams

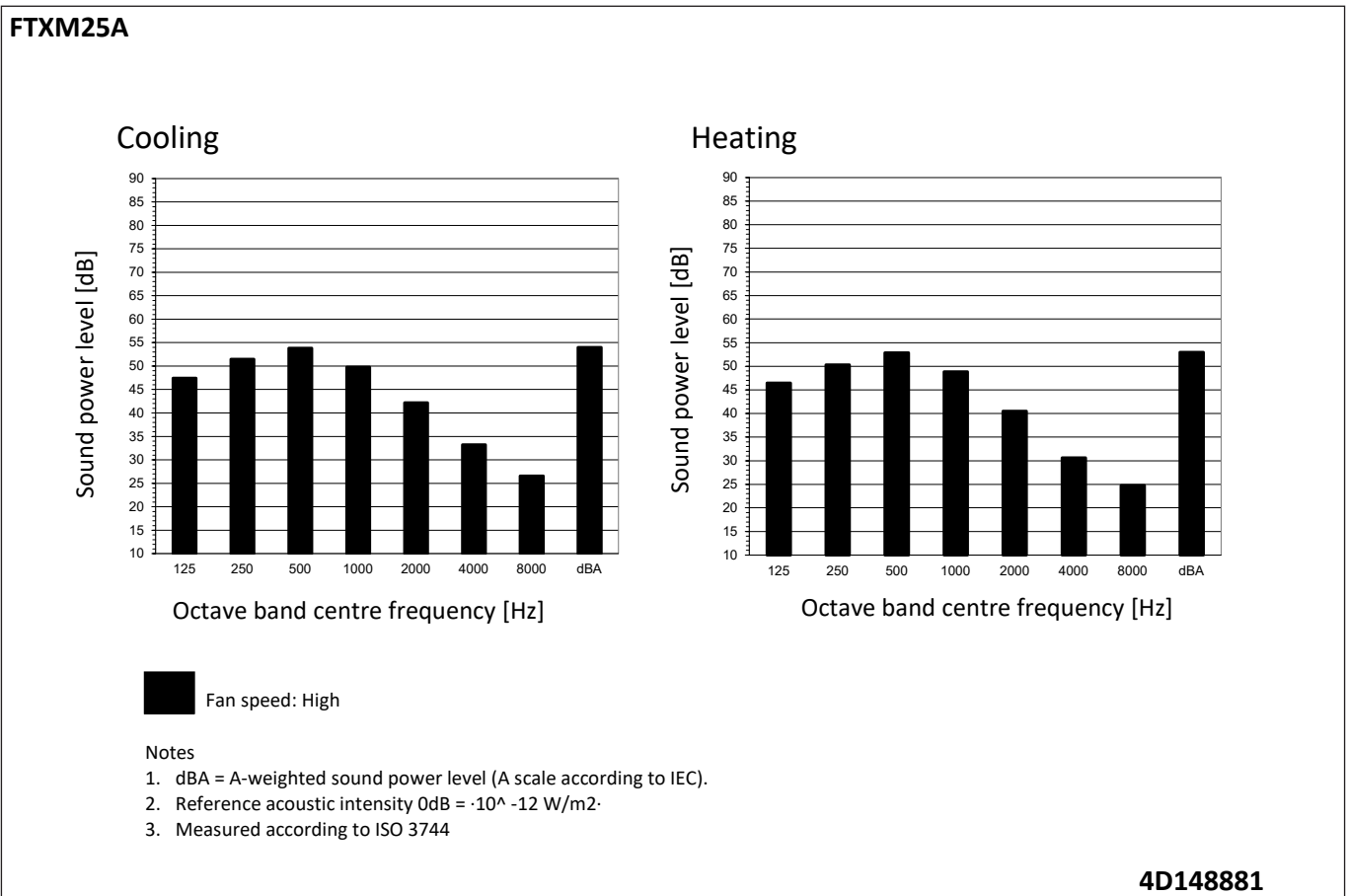
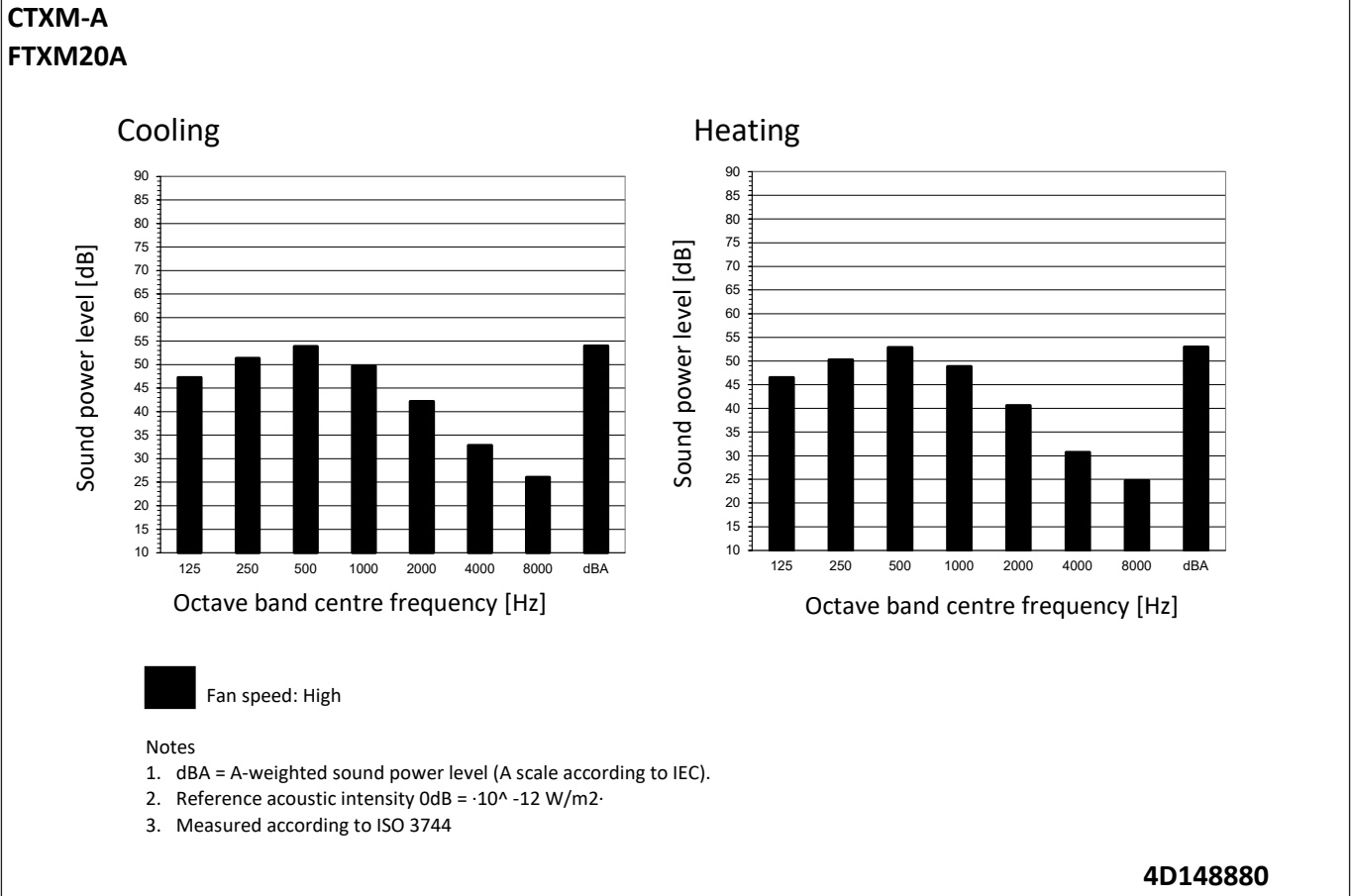
7 - 1 Wiring Diagrams - Three Phase



8 Sound data

8 - 1 Sound Power Spectrum

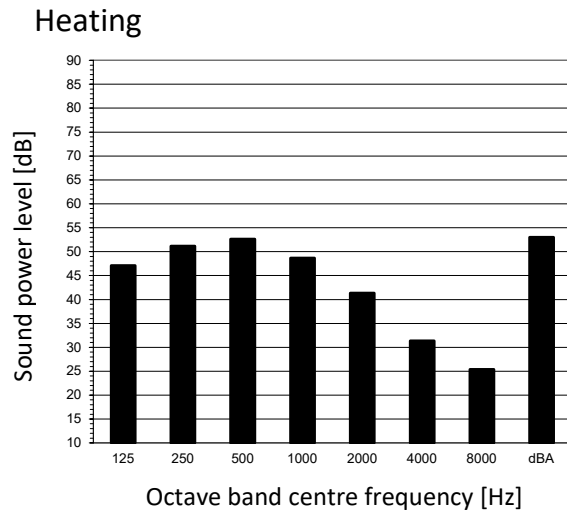
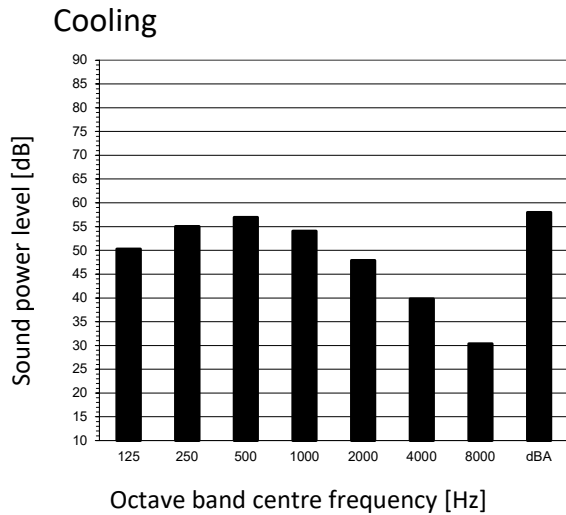
8



8 Sound data

8 - 1 Sound Power Spectrum

FTXM35A

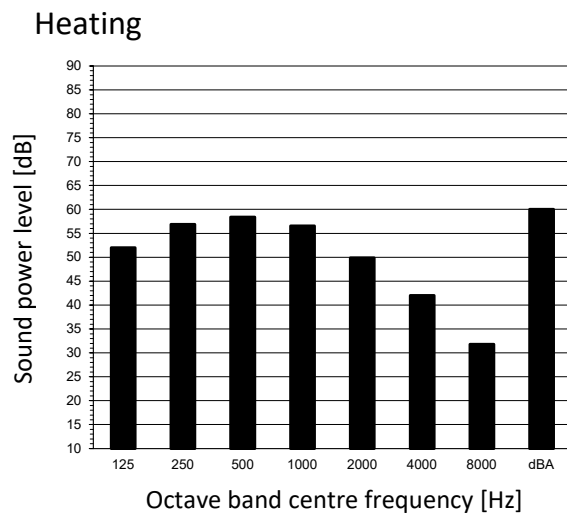
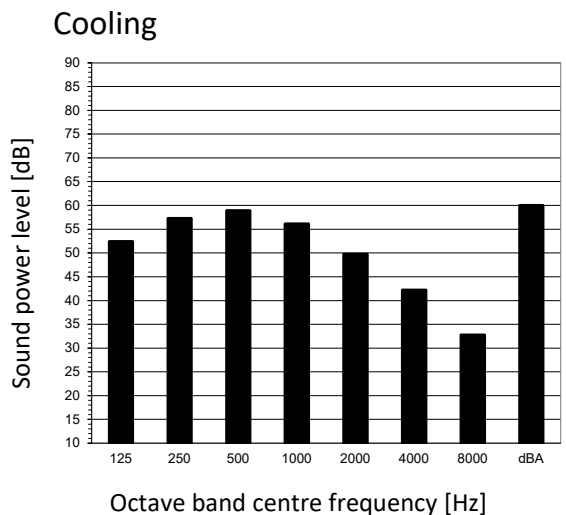


Fan speed: High

- Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
 2. Reference acoustic intensity 0dB = $\cdot 10^{-12}$ W/m².
 3. Measured according to ISO 3744

4D148882

FTXM42A



Fan speed: High

- Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
 2. Reference acoustic intensity 0dB = $\cdot 10^{-12}$ W/m².
 3. Measured according to ISO 3744

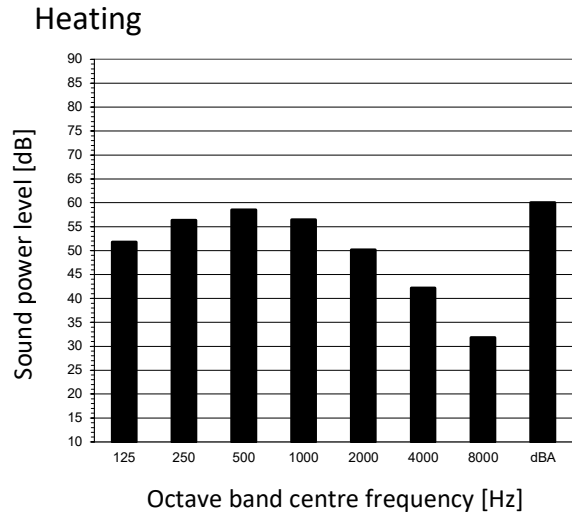
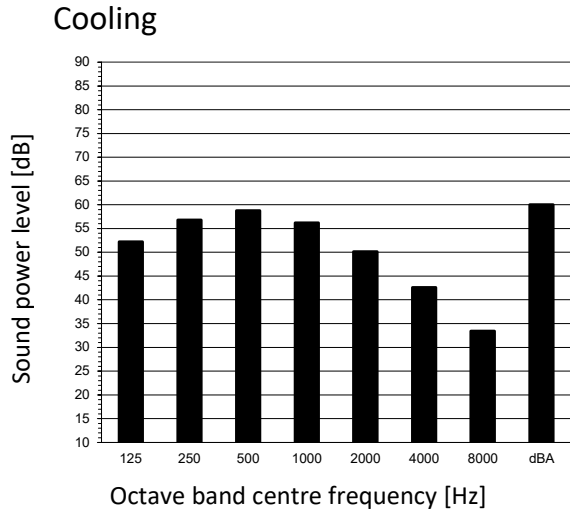
4D148883


8 Sound data

8 - 1 Sound Power Spectrum

8

ATXM50A
FTXM50A



 Fan speed: High

Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity $0\text{dB} = 10^{-12} \text{ W/m}^2$.
3. Measured according to ISO 3744

4D148884

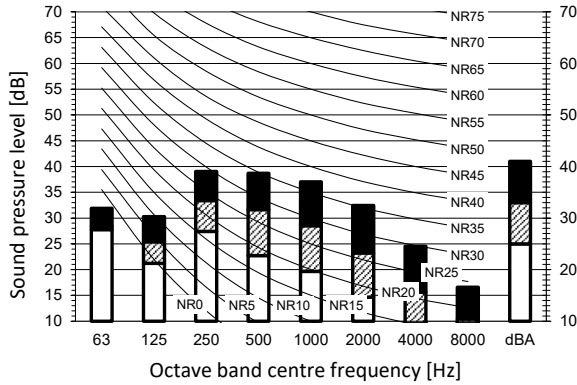
8 Sound data

8 - 2 Sound Pressure Spectrum

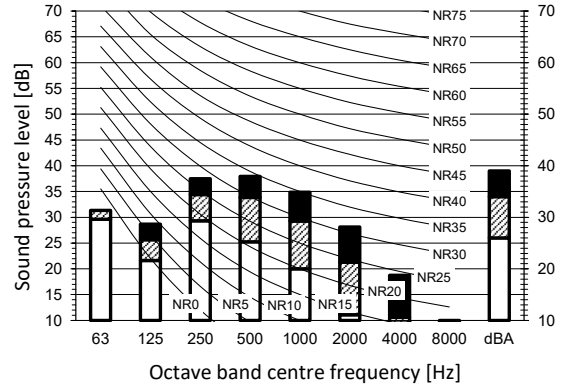
ATXM20A

CTXM-A

FTXM20A Cooling mode



Heating mode



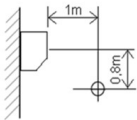
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

- B Fan speed: High
- C Fan speed: Medium
- D Fan speed: Low

Location of microphone



Cooling Total dB

A	B	C	D
dBA	41	33	25

Heating Total dB

A	B	C	D
dBA	39	34	26

Notes

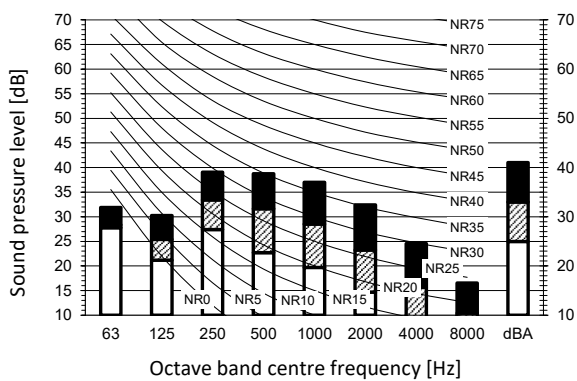
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

4D148915A

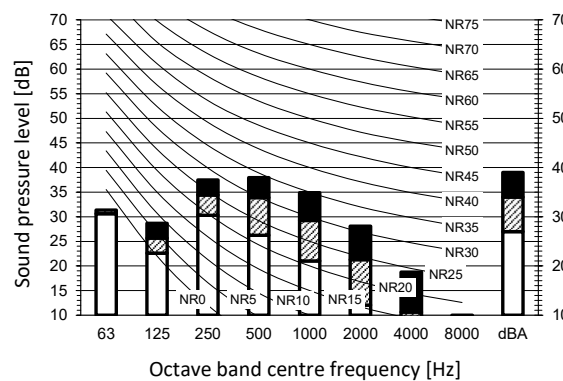
ATXM25A

FTXM25A

Cooling mode



Heating mode



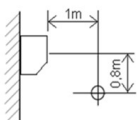
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

- B Fan speed: High
- C Fan speed: Medium
- D Fan speed: Low

Location of microphone



Cooling Total dB

A	B	C	D
dBA	41	33	25

Heating Total dB

A	B	C	D
dBA	39	34	27

Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

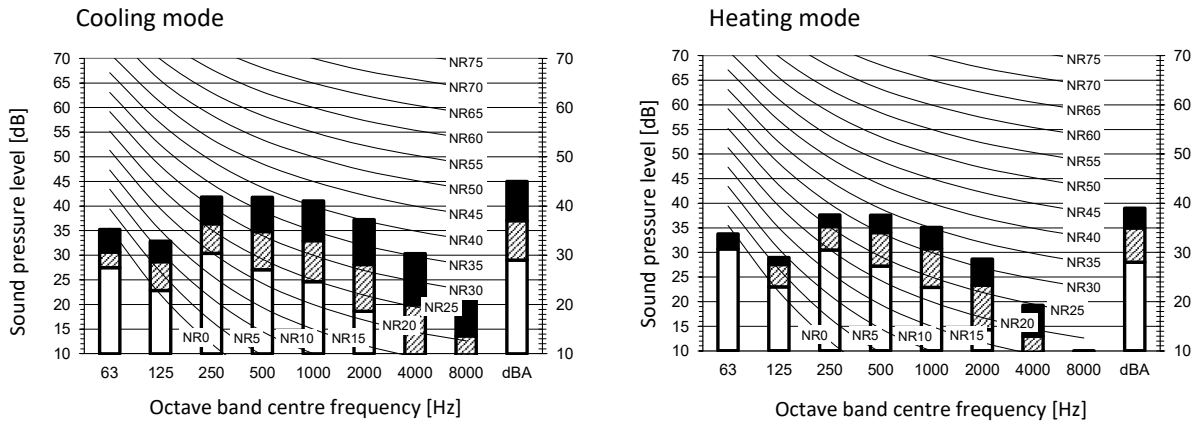
4D148916A

8 Sound data

8 - 2 Sound Pressure Spectrum

8

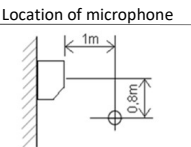
ATXM35A FTXM35A



Legend
 dBA = A-weighted sound pressure level (A scale according to IEC).
A Scale
 B Fan speed: High
 C Fan speed: Medium
 D Fan speed: Low

Cooling	Total dB			
	A	B	C	D
dBA	45	37	29	

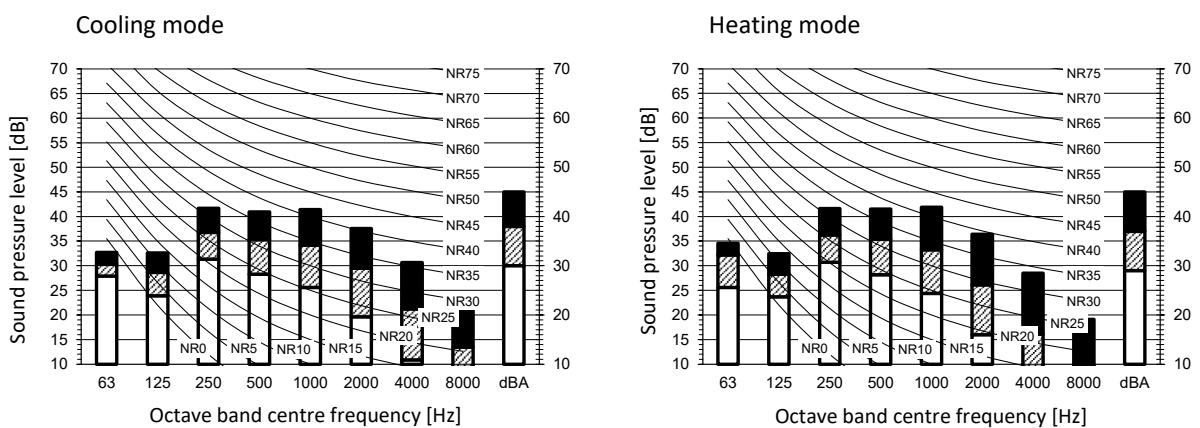
Heating	Total dB			
	A	B	C	D
dBA	39	35	28	



- Notes**
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
 2. Background noise already taken into account.
 3. Operating noise varies depending on operation and ambient conditions.
 4. The operation noise measuring method is in accordance with JISC9612.
 5. Measuring location: anechoic chamber

4D148918A

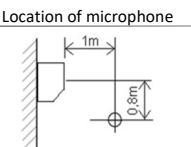
FTXM42A



Legend
 dBA = A-weighted sound pressure level (A scale according to IEC).
A Scale
 B Fan speed: High
 C Fan speed: Medium
 D Fan speed: Low

Cooling	Total dB			
	A	B	C	D
dBA	45	38	30	

Heating	Total dB			
	A	B	C	D
dBA	45	37	29	



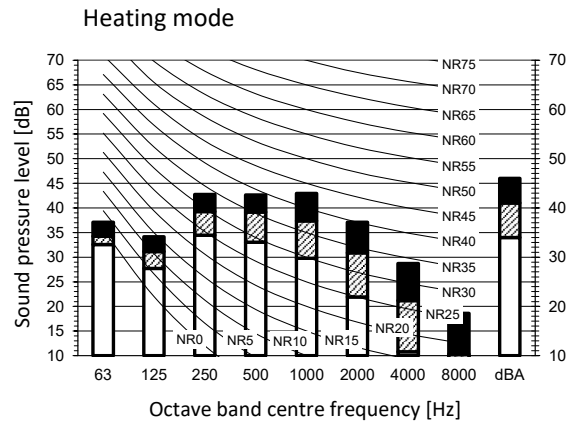
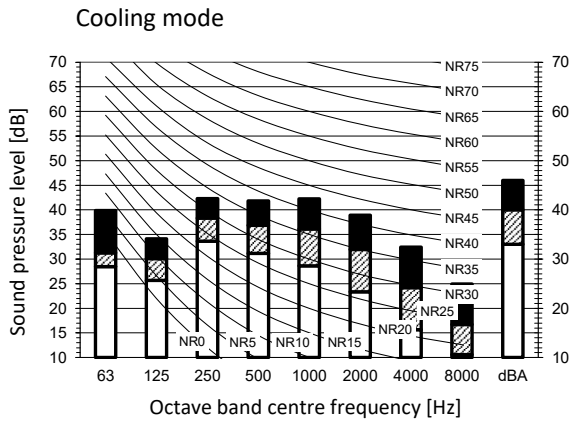
- Notes**
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
 2. Background noise already taken into account.
 3. Operating noise varies depending on operation and ambient conditions.
 4. The operation noise measuring method is in accordance with JISC9612.
 5. Measuring location: anechoic chamber

4D148919A

8 Sound data

8 - 2 Sound Pressure Spectrum

ATXM50A
FTXM50A



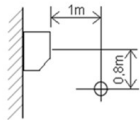
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

- B Fan speed: High
- C Fan speed: Medium
- D Fan speed: Low

Location of microphone



Cooling Total dB

A	B	C	D
dBA	46	40	33

Heating Total dB

A	B	C	D
dBA	46	41	34

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

4D148920A

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



I N D U S T R I E S

Str. Izvoare, nr. 149, Piatra-Neamț, jud. Neamț
mail: office@grupaxa.ro
Tel.: +40726.233.522 / +40785.095.065

EEDEN24



01/2024



Daikin Europe N.V. participates in the ECP programmes for Fan Coil Units and Variable Refrigerant Flow systems, Daikin Applied Europe S.p.A. participates in the ECP programmes for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: www.eurovent-certification.com

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. / Daikin Central Europe HandelsGmbH. Daikin Europe N.V. / Daikin Central Europe HandelsGmbH have compiled the content of this publication to the best of their knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. / Daikin Central Europe HandelsGmbH explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.