

technical data



FTYN-FV1B

R-410A

air conditioning systems

Split Sky Air

TABLE OF CONTENTS

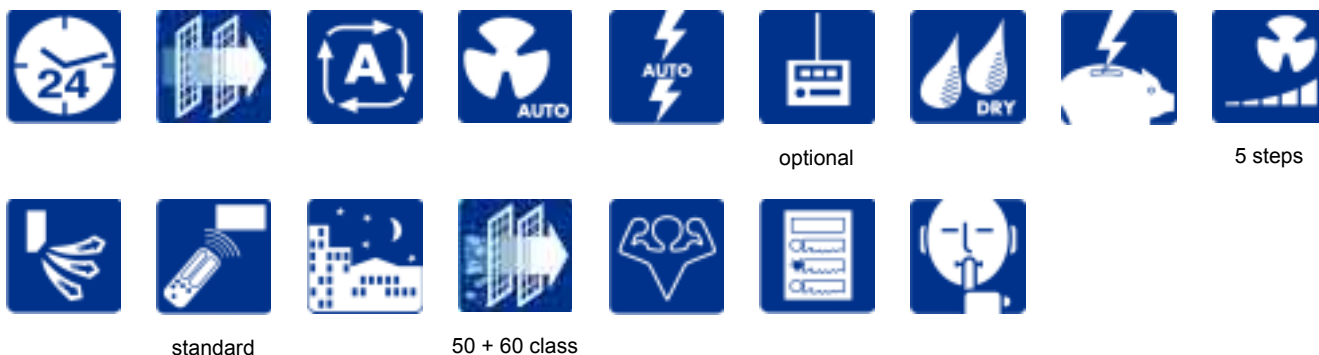
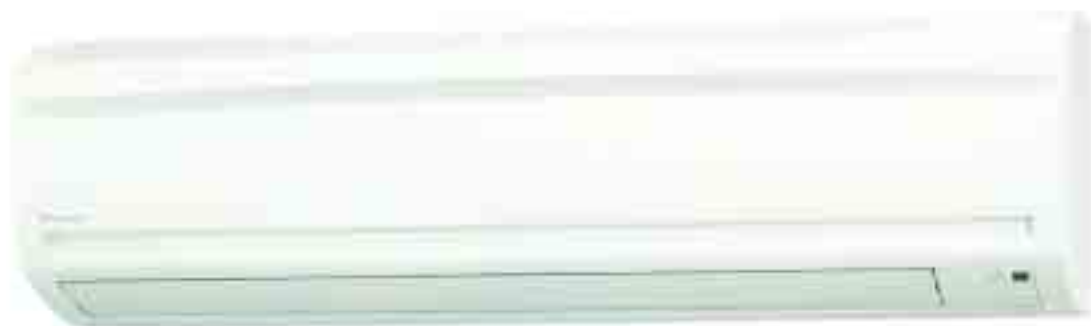
FTYN-FV1B

1	Features	2
2	Specifications	3
	For indoor units only	3
	Technical Specifications	3
	Electrical Specifications	4
3	Dimensional drawing & centre of gravity	5
	Dimensional drawing	5
	Centre of gravity	6
4	Piping diagram	7
5	Wiring diagram	8
	Wiring diagram	8
6	Sound data	9
	Sound pressure spectrum	9

1 Features

- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Lightweight and compact
- Titanium apatite photocatalytic air purification filter
- Powerful mode can be selected for rapid cooling or heating
- Auto-swing function ensures efficient air and temperature distribution.

1



2 Specifications

2-1 FOR INDOOR UNITS ONLY			FTYN50FV1B	FTYN60FV1B
Nominal input (Indoor only)	Cooling	kW	0.034	0.04
	Heating	kW	0.036	0.045

2-2 TECHNICAL SPECIFICATIONS				FTYN50FV1B		FTYN60FV1B	
Casing	Colour			White			
Dimensions	Packing	Height	mm	337		337	
		Width	mm	1147		1147	
		Depth	mm	366		366	
	Unit	Height	mm	290		290	
		Width	mm	1050		1050	
		Depth	mm	238		238	
Weight	Unit		kg	12		12	
	Packed Unit		kg	17		17	
Heat Exchanger	Dimensions	Length	mm	863		863	
		Nr of Rows		2		2	
		Fin Pitch	mm	1.4		1.4	
		Nr of Stages		16		16	
	Tube type			Hi-XA (7)			
	Fin	Type		ML fin (Multi louver)			
Fan	Type			Cross flow fan			
	Quantity			1		1	
Air Flow Rate	Cooling	High	m³/min	14.7		16.2	
		Medium	m³/min	12.4		13.6	
		Low	m³/min	10.3		11.4	
	Heating	High	m³/min	16.1		17.4	
		Medium	m³/min	13.9		15.1	
		Low	m³/min	11.5		12.7	
Fan	Motor	Quantity		1		1	
		Model		ARW30R8P43DA			
		Number of steps		5		5	
Motor	Speed (cooling)	High	rpm	1240		1330	
		Medium	rpm	1090		1170	
		Low	rpm	930		1010	
	Speed (heating)	High	rpm	1270		1360	
		Medium	rpm	1120		1200	
		Low	rpm	960		1040	
Fan	Motor	Output (high)	W	43		43	
Cooling	Sound Power	Medium	dBA	59		61	
	Sound Pressure	High	dBA	43		45	
		Low	dBA	34		36	
Heating	Sound Power	Medium	dBA	58		60	
	Sound Pressure	High	dBA	42		44	
		Low	dBA	33		35	
Refrigerant	Type			R-410A			
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.4		6.4	
	Gas	Diameter (OD)	mm	12.7		12.7	
	Drain	Diameter (OD)	mm	18		18	
	Heat Insulation			Both liquid and gas pipes			
Air Filter				Removable/washable/Mildew proof			
Air direction control				Right, Left, Horizontal, Downward			
Temperature control				Microcomputer control			

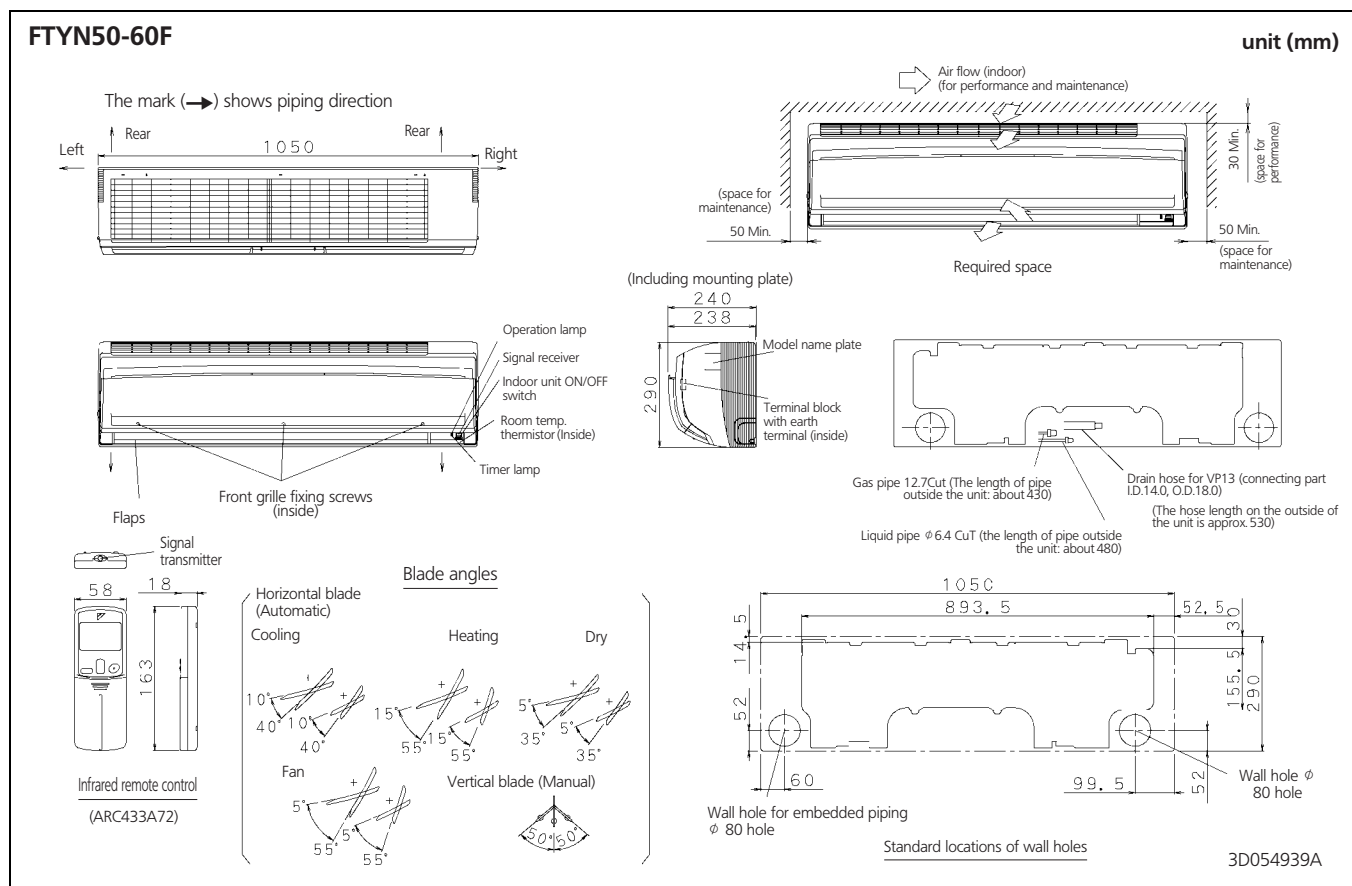
2 Specifications

2-2 TECHNICAL SPECIFICATIONS				FTYN50FV1B	FTYN60FV1B
Standard Accessories	Item		Titanium apatite photocatalytic air purification filter		
	Quantity		2		2
	Item		Operation manual		
	Quantity		1		1
	Item		Installation manual		
	Quantity		1		1
	Item		Batteries		
	Quantity		2		2
	Item		Remote control holder		Mounting plate
	Quantity		1		1
	Item		Mounting plate		Indoor unit fixing screws
	Quantity		1		2
	Item		Indoor unit fixing screws		Wireless remote control
	Quantity		2		1
	Item		Wireless remote control		
	Quantity		1		

2-3 ELECTRICAL SPECIFICATIONS					FTYN50FV1B	FTYN60FV1B
Power Supply	Name			V1		
	Phase			1		1
	Frequency		Hz	50		50
	Voltage		V	220-240		
Current	Nominal running current (RLA)	Cooling	A	0.15		0.18
		Heating	A	0.16		0.20
	Maximum Running Current		A	0.17		0.21
Wiring connections	For Power Supply	Quantity		3		3
		Remark		4 for interunit wiring (including earth wiring)		

3 Dimensional drawing & centre of gravity

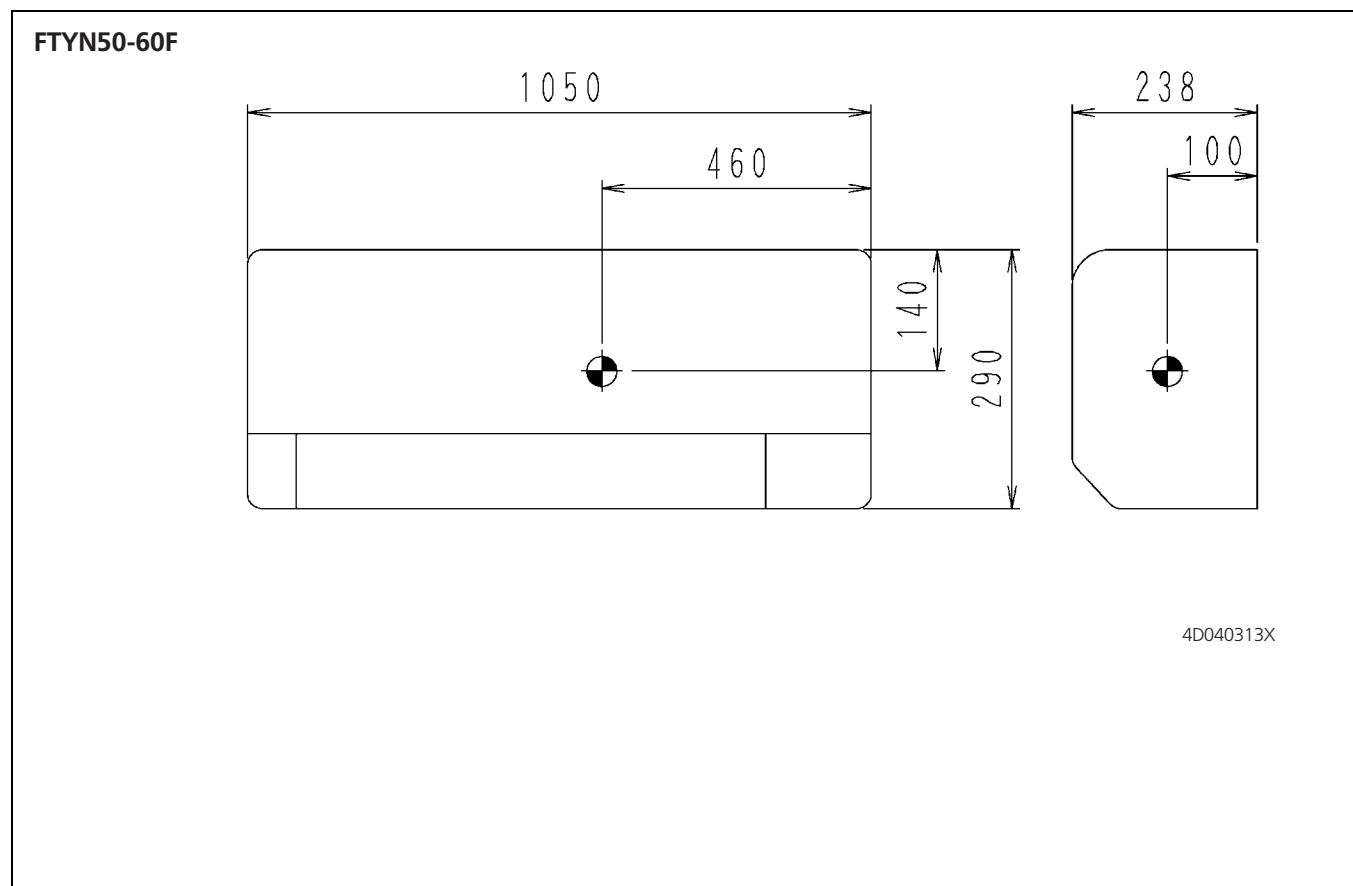
3 - 1 Dimensional drawing



3 Dimensional drawing & centre of gravity

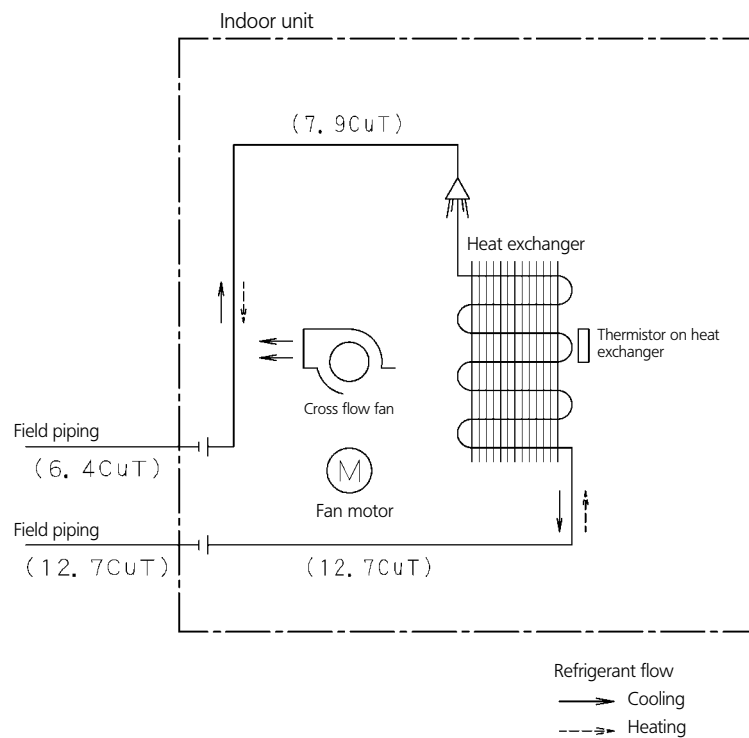
3 - 2 Centre of gravity

3



4 Piping diagram

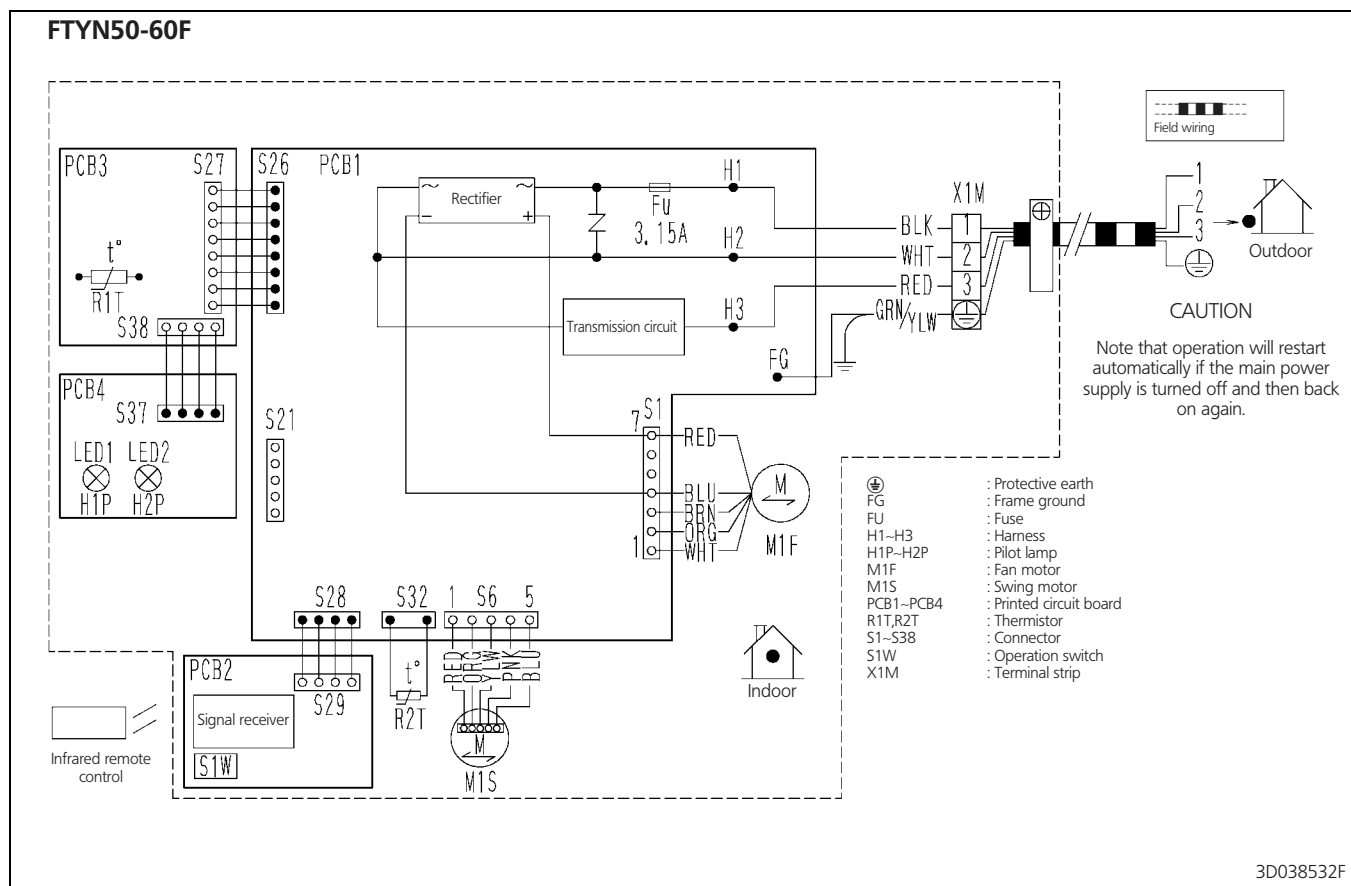
FTYN50-60F



4D040081P

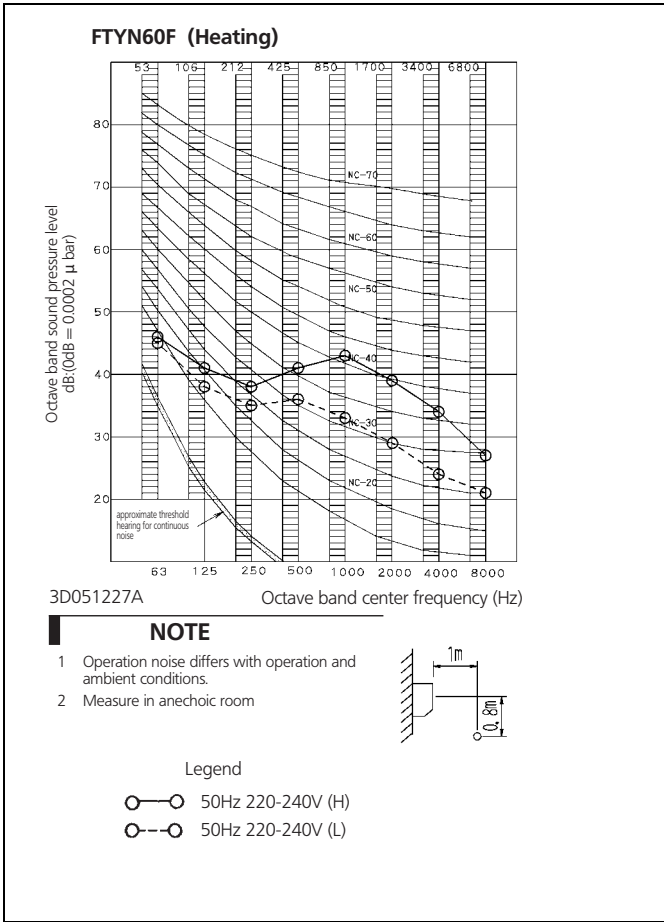
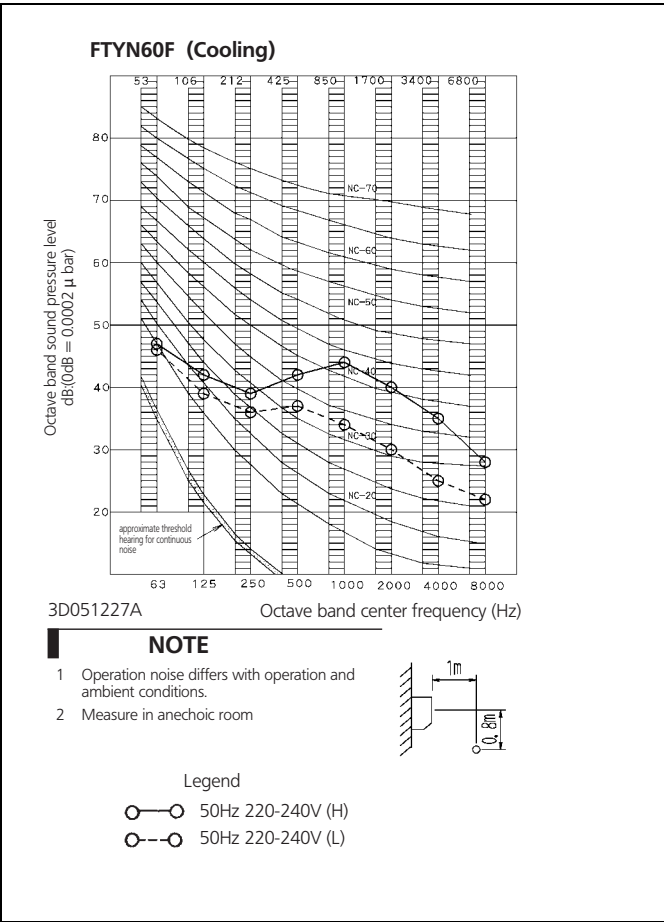
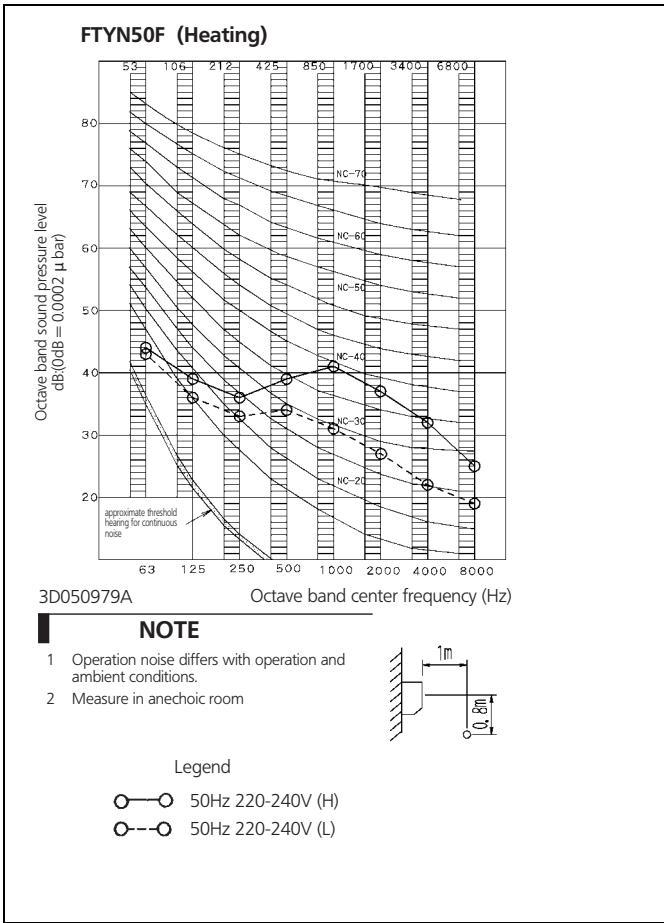
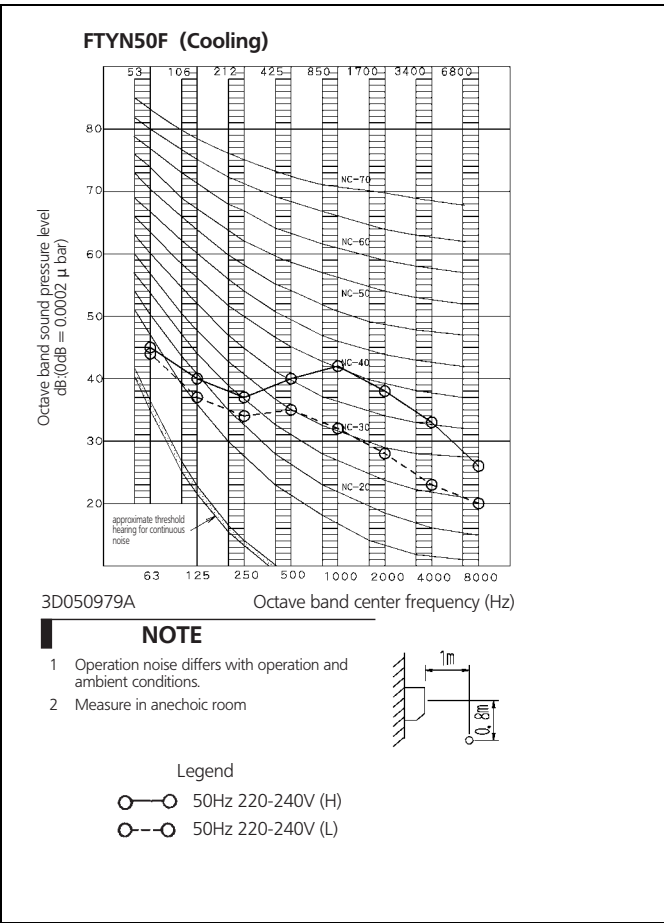
5 Wiring diagram

5 - 1 Wiring diagram



6 Sound data

6 - 1 Sound pressure spectrum



Split - Sky Air

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this publication to the best of its 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. 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..



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products.

DAIKIN EUROPE N.V.

Naamloze Vennootschap
Zandvoordestraat 300
B-8400 Ostend, Belgium
www.daikin.eu
BTW: BE 0412 120 336
RPR Oostende



EEDEN07-101