



Air Conditioning

Technical Data

Wall mounted unit



EEEDEN13-004

FTXN-L

TABLE OF CONTENTS

FTXN-L

1	Features	2
2	Specifications	3
	Technical Specifications	3
	Electrical Specifications	3
3	Dimensional drawings	4
	Dimensional Drawings	4
4	Piping diagrams	5
	Piping Diagrams	5
5	Wiring diagrams	6
	Wiring Diagrams - Single Phase	6
6	Sound data	8
	Sound Pressure Spectrum	8

1 Features

- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Flat, stylish front panel blends easily within any interior décor and is more easy to clean

1



3 steps



2 Specifications

2-1 Technical Specifications					FTXN25L	FTXN35L	FTXN50L	FTXN60L	
Casing	Colour				White				
Dimensions	Unit	Height/Width/Depth		mm	288/800/212		310/1,065/229		
	Packed unit	Height/Width/Depth		mm	350/894/280		386/1,136/314		
Weight	Unit	kg			9		14		
Heat exchanger	Rows	Quantity			2				
	Face area			m²	0.18		0.29		
	Tube material				Seamless Inner Grooved Copper				
	Tube diameter			mm	7				
	Fin	Type			Aluminium (hydrophilic fin)				
Fan	Type				Direct drive cross flow fan				
	Air flow rate	Cooling	Super high	m³/min	10.68	11.10	-		
				cfm	378	392	578		703
			High	m³/min	9.78	10.14	-		
				cfm	345	358	529		654
			Nom.	m³/min	9.47	9.85	14.22		17.55
				cfm	334	348	502		620
			Low	m³/min	6.06	6.54	-		
				cfm	215	232	418		507
		Silent operation	m³/min	4.68		-			
			cfm	165		374		437	
		Heating	Super high	m³/min	10.68	11.10	-		
				cfm	378	392	578		703
			High	m³/min	9.78	10.14	-		
				cfm	345	358	529		654
			Nom.	m³/min	7.68	7.98	-		
				cfm	272	282	471		585
	Low		m³/min	6.06	6.54	-			
			cfm	215	232	418		507	
	Silent operation	m³/min	4.68		-				
		cfm	165		374		437		
Fan motor	Model				Induction		Brushless		
	Index of Protection				44		20		
	Insulation grade				Class "E"				
	Poles				4		8		
	Output	High		W	18		40		
Sound power level	Cooling	Nom.		dBA	53	54	55	61	
Sound pressure level	Cooling	Super high/High/Nom./Low/Silent operation		dBA	41/40/34/29/24	42/41/34/30/25	44/40/38/35/32		46/43/41/37/33
	Heating	Super high/High/Nom./Low/Silent operation		dBA	41/40/34/29/24	42/41/34/30/25	44/40/38/35/32		46/43/41/37/33
Refrigerant	Type				R-410A				
Piping connections	Liquid	Type/OD		mm	Flare valve/6.35				
	Gas	Type/OD		mm	Flare valve/9.52		Flare valve/12.70		Flare valve/15.90
Air direction control					Auto louver (up & down) & grille (left & right)				
Air filter	Type				Saranet		Washable Saranet		
	Quantity			pc	2				
Control	Operation				LCD Remote control				

2-2 Electrical Specifications					FTXN25L	FTXN35L	FTXN50L	FTXN60L
Power supply	Name				V1			
	Phase				1~			
	Frequency			Hz	50			
	Voltage			V	220-240			
Current	Nominal running current (RLA) - 50Hz		Cooling	A	-		0.32	0.56
			Heating	A	-		0.33	0.56
Current - 50Hz	Nominal running current			A	0.19	0.21	-	

Notes

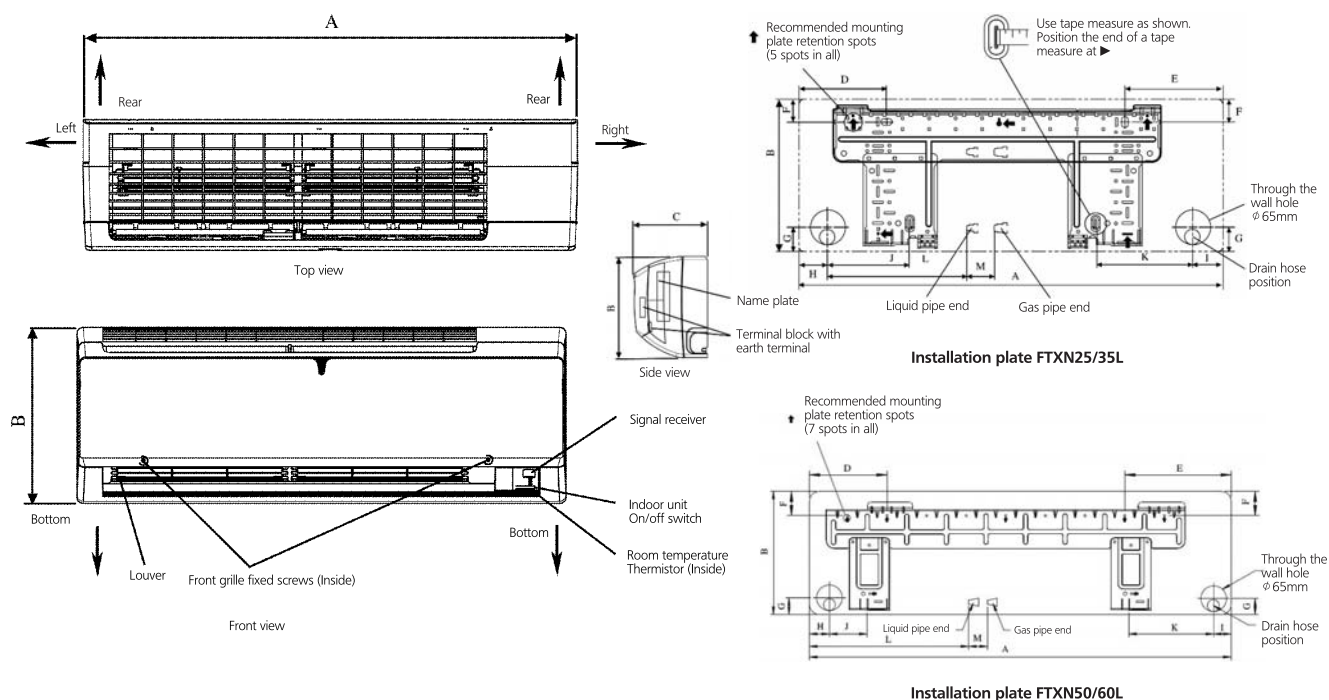
- (1) All units are being tested and comply to ISO 5151 (Non-ducted unit)
- (2) All specifications are subjected to change by the manufacturer without prior notice.

3 Dimensional drawings

3 - 1 Dimensional Drawings

FTXN-L

The mark (→) shows piping direction



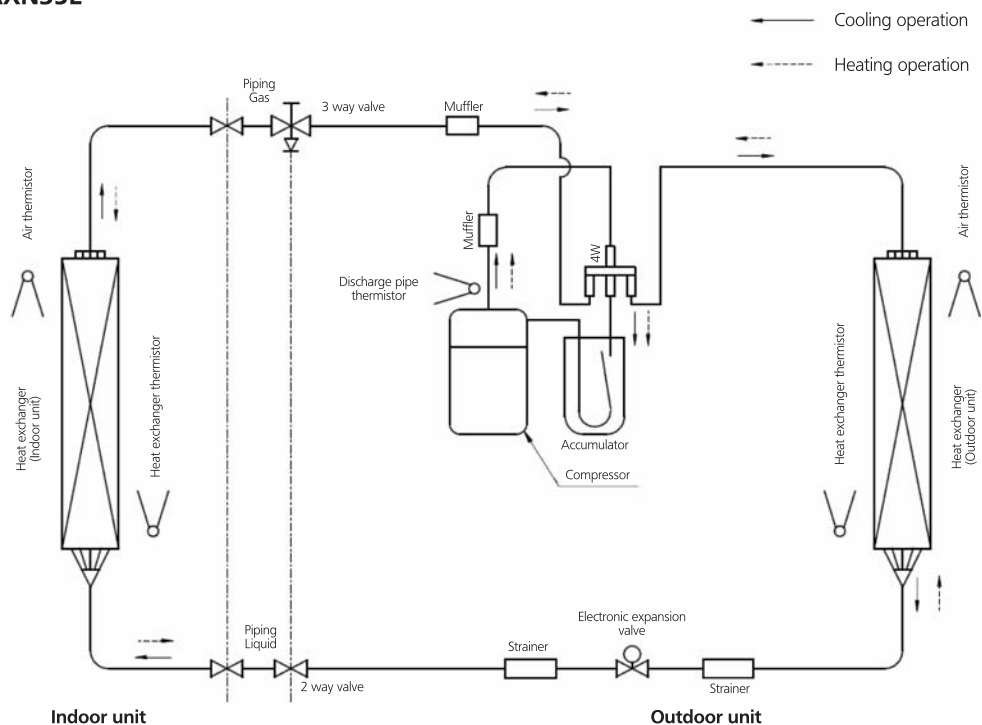
All dimensions are in mm

Model	Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M
FTXN25/35L		800	288	212	166	184	42	46	55	56	154	182	263	52
FTXN50/60L		1065	310	229	190	173	61	40	45	48	91	219	580	45

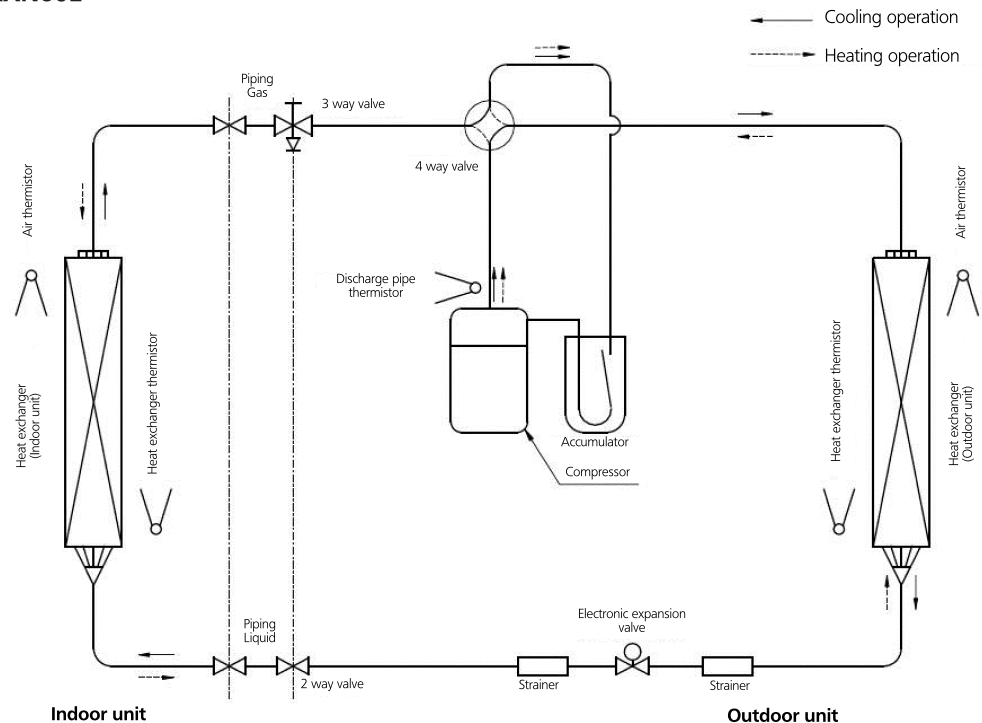
4 Piping diagrams

4 - 1 Piping Diagrams

FTXN25L+RXN25L
FTXN35L+RXN35L



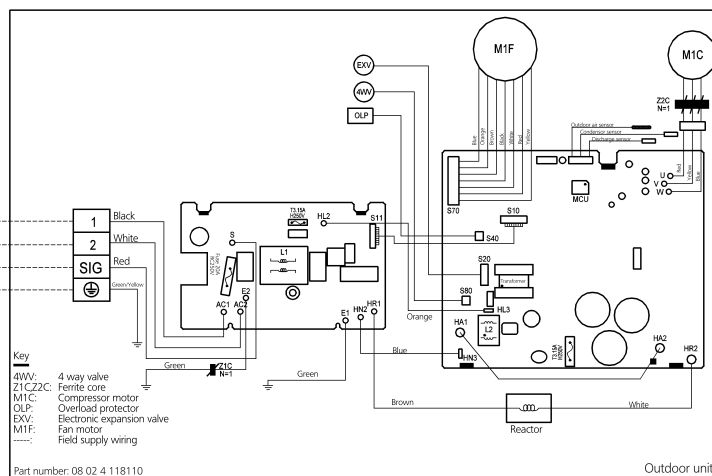
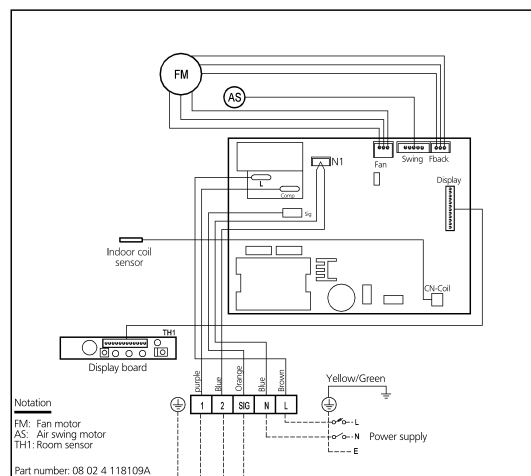
FTXN50L+RXN50L
FTXN60L+RXN60L



5 Wiring diagrams

5 - 1 Wiring Diagrams - Single Phase

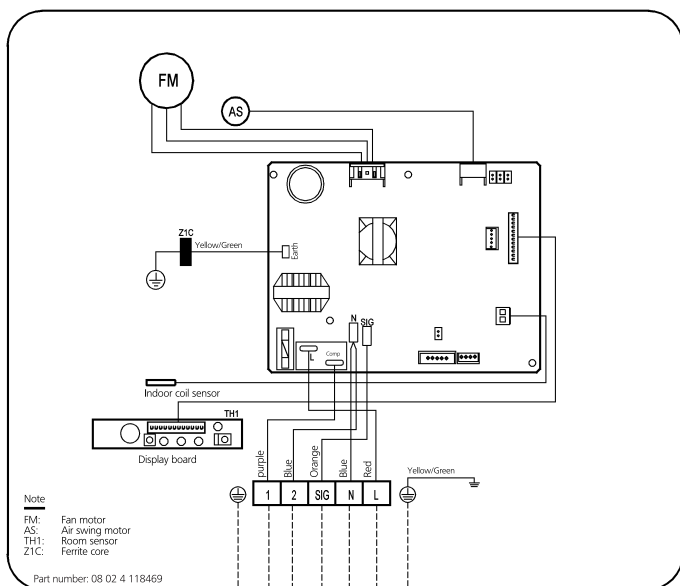
FTXN25-35L



5 Wiring diagrams

5 - 1 Wiring Diagrams - Single Phase

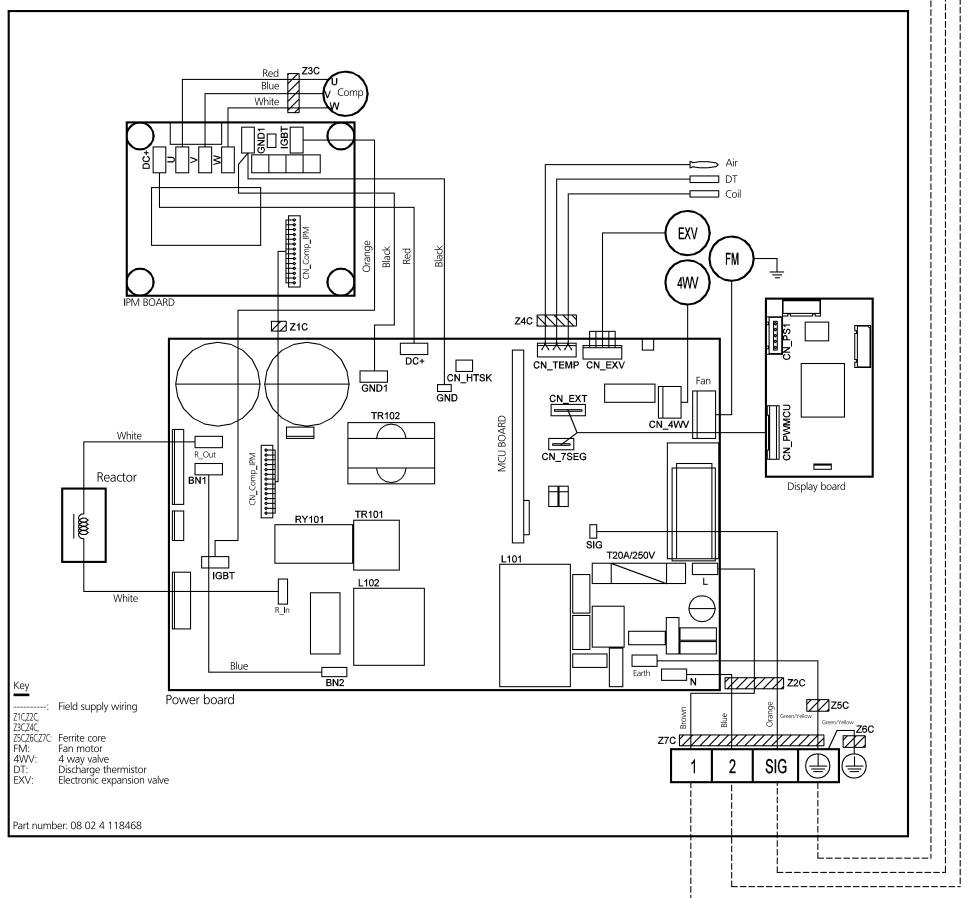
FTXN50-60L



Note

FM: Fan motor
AS: Air swing motor
TH1: Room sensor
Z1C: Ferrite core

Part number: 08 02 4 118469



Key

Field supply wiring
Z1C/Z2C: Ferrite core
FM: Fan motor
4WV: 4 way valve
DT: Discharge thermostat
EXV: Electronic expansion valve

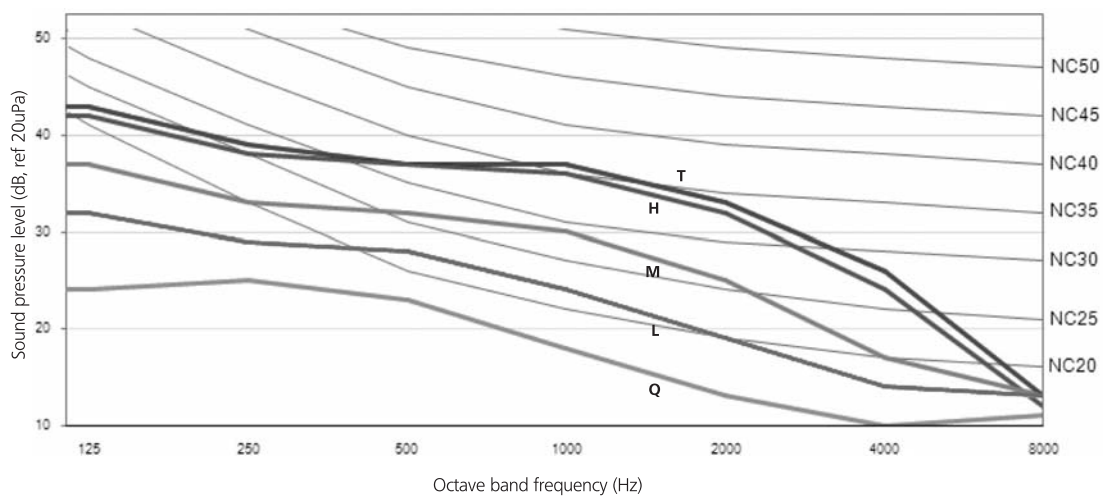
Part number: 08 02 4 118468

Part number: 70 03 4 119689

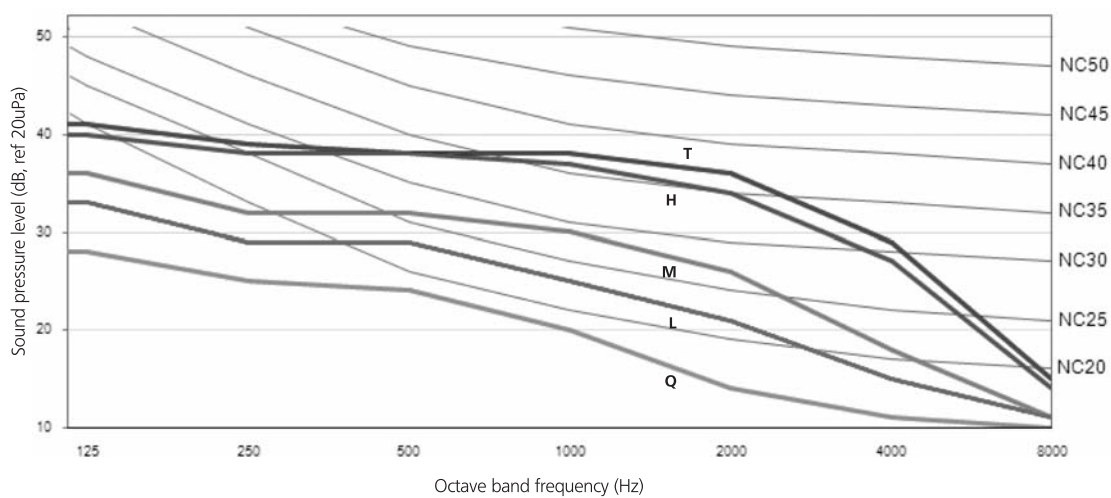
6 Sound data

6 - 1 Sound Pressure Spectrum

FTXN25L



FTXN35L



Legend

- T: Turbo
- H: High
- M: Medium
- L: Low
- Q: Quiet

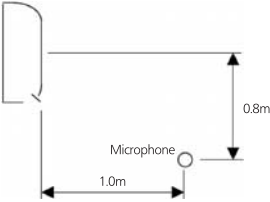
6 Sound data

6 - 1 Sound Pressure Spectrum

FTXN25-35L

Sound pressure level

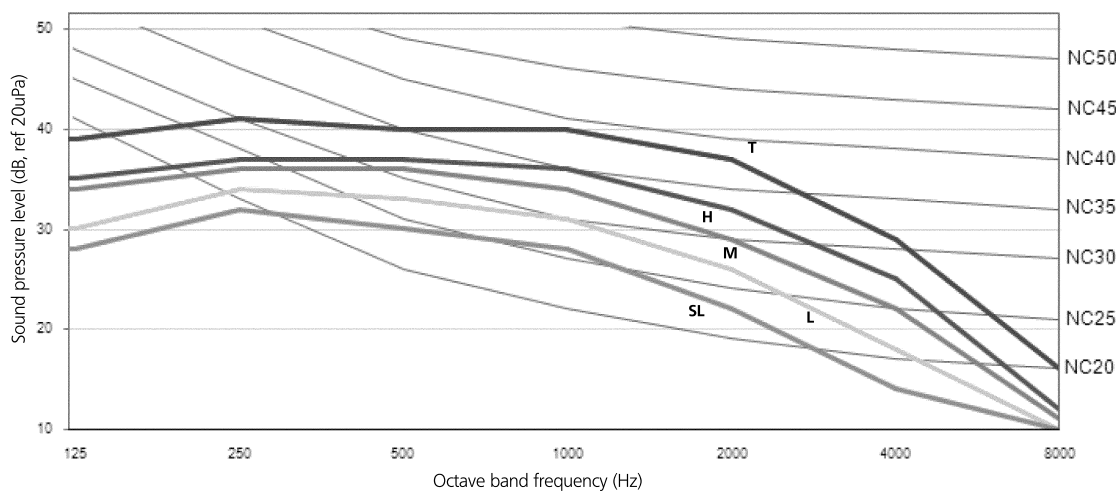
Model	Speed	1/1 Octave A-Weighted Sound Pressure (dBA), ref. 20μPa							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXN25L	Turbo	43	39	37	37	33	26	13	41	36
	High	42	38	37	36	32	24	12	40	35
	Medium	37	33	32	30	25	17	13	34	29
	Low	32	29	28	24	19	14	13	29	22
	Quiet	24	25	23	18	13	10	11	24	-
FTXN35L	Turbo	41	39	38	38	36	29	15	42	37
	High	40	38	38	37	34	27	14	41	36
	Medium	36	32	32	30	26	18	11	34	29
	Low	33	29	29	25	21	15	11	30	23
	Quiet	28	25	24	20	14	11	10	25	-

Model	Measuring location
FTXN25L & FTXN35L	 Standard: JIS C 9612

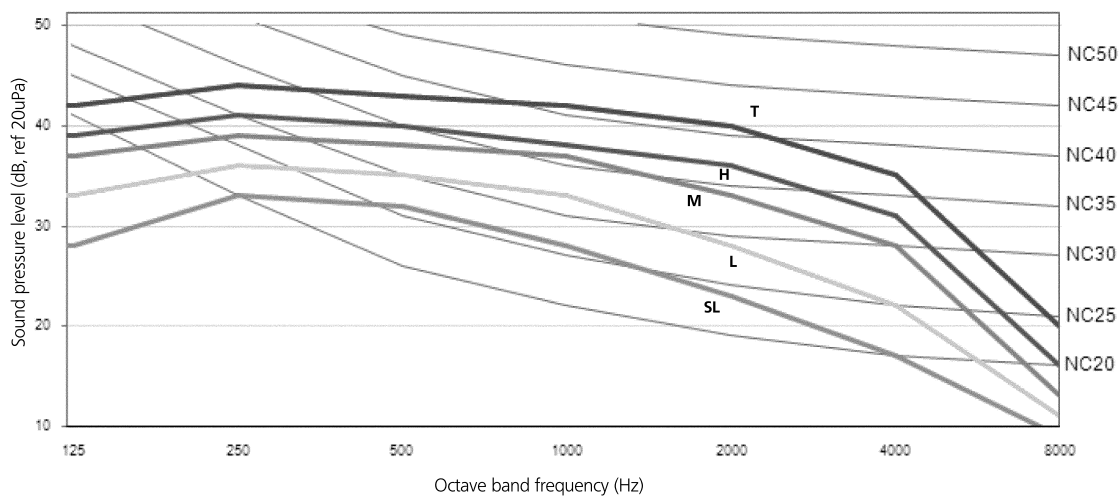
6 Sound data

6 - 1 Sound Pressure Spectrum

FTXN50L



FTXN60L



Legend

- T: Turbo
- H: High
- M: Medium
- L: Low
- SL: Super low

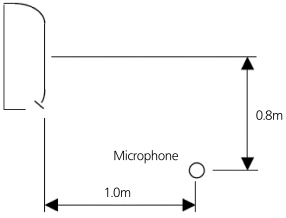
6 Sound data

6 - 1 Sound Pressure Spectrum

FTXN50-60L

Sound pressure level

Model	Speed	1/1 Octave A-Weighted Sound Pressure (dBA), ref. 20μPa							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXN50L	Turbo	39	41	40	40	37	29	16	44	39
	High	35	37	37	36	32	25	12	40	35
	Medium	34	36	36	34	29	22	11	38	33
	Low	30	34	33	31	26	18	10	35	30
	Quiet	28	32	30	28	22	14	10	32	26
FTXN60L	Turbo	42	44	43	42	40	35	20	46	41
	High	39	41	40	38	36	31	16	43	37
	Medium	37	39	38	37	33	28	13	41	36
	Low	33	36	35	33	28	22	11	37	32
	Quiet	28	33	32	28	23	17	9	33	26

Model	Measuring location
FTXN50L & FTXN60L	 Standard: JIS C 9612



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU). Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com*

The present leaflet 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 leaflet 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 leaflet. All content is copyrighted by Daikin Europe N.V.

BARCODE

Daikin products are distributed by: