DAIKIN

Air Conditioning

Technical Data

Wall mounted unit



EEDEN14-006

FTXN-M

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1 Features

- Flat, stylish front panel blends easily within any interior décor and is more easy to clean
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- 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
- 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.




Fan only


Powerful mode



Auto cooling-heating changeover


Indoor unit silent operation


Comfortable sleeping mode


Vertical auto swing



Auto fan speed


Fan speed steps



Dry programme


Titanium apatite photocatalytic air purification filter



24 hour timer


Infrared remote control



Auto-restart


Self diagnosis

2 Specifications

2-1 Technical Specifications					FTXN25M	FTXN35M	FTXN50M	FTXN60M
Casing	Colour				White			
Dimensions	Unit	Height/Width/Depth		mm	288/800/206		310/1,065/224	
	Packed unit	Height/Width/Depth		mm	344/874/274		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	16.38	19.92
				cfm	378	392	578	703
			High	m³/min	9.78	10.14	15.00	18.54
				cfm	345	358	529	654
			Nom.	m³/min	7.68	7.98	13.32	16.56
				cfm	272	282	471	585
			Low	m³/min	6.06	6.54	11.82	14.34
				cfm	215	232	418	507
			Silent operation	m³/min	4.68		10.62	12.36
				cfm	165		374	437
		Heating	Super high	m³/min	10.68	11.10	16.38	19.92
				cfm	378	392	578	703
			High	m³/min	9.78	10.14	15.00	18.54
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			Silent operation	m³/min	4.68		10.62	12.36
				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	
	Full load amps (FLA)	Cooling		A	0.19	0.21	0.32	0.56
		Heating		A	0.19	0.21	0.32	0.56
Sound pressure level	Cooling	Super high/High/Nom./Low/Silent operation		dBA	41/40/34/29/21	42/41/34/30/22	44/40/38/35/32	46/43/41/37/33
	Heating	Super high/High/Nom./Low/Silent operation		dBA	41/40/34/29/21	42/41/34/30/22	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
	Drain				19.05			
Air direction control					Auto louver (up & down) & grille (left & right)			
Air filter	Type				Titanium apatite			
	Quantity			pc	2			
Control	Operation				LCD Remote control			

2 Specifications

2-2 Electrical Specifications			FTXN25M	FTXN35M	FTXN50M	FTXN60M
Power supply	Name		V1			
	Phase		1~			
	Frequency	Hz	50			
	Voltage	V	220-240			

Notes

(1) All units are being tested and comply to ISO5151 (non-ducted unit) or ISO13253 (ducted unit)

(2) All specifications are subjected to change by the manufacturer without prior notice.

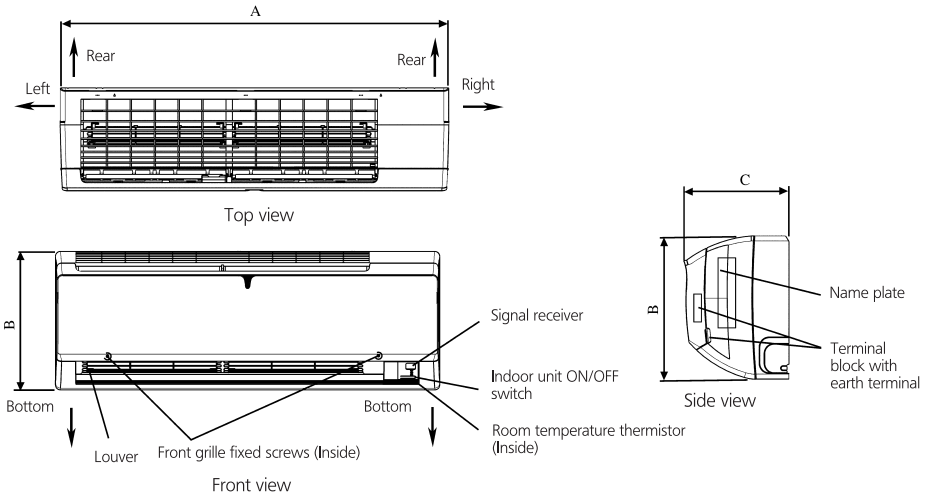
3 Dimensional drawings

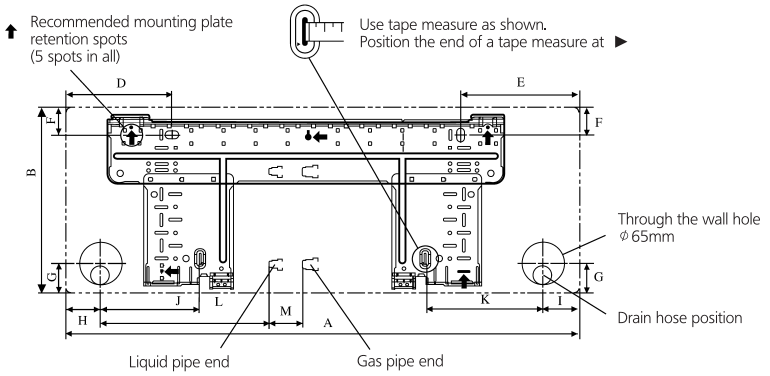
3 - 1 Dimensional Drawings

FTXN-M

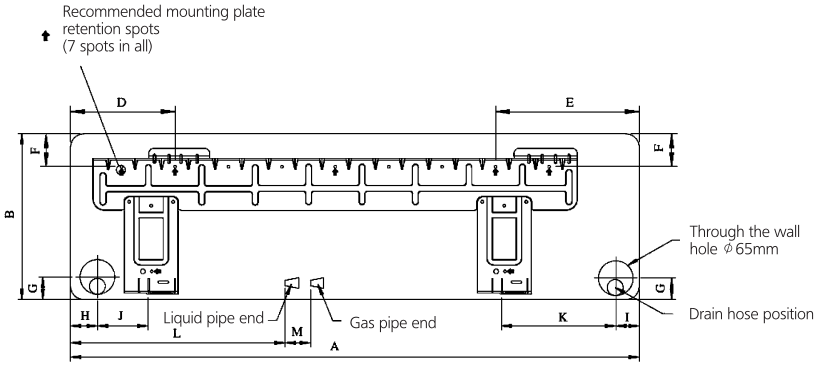
The mark (→) shows piping direction

All dimensions are in mm





Installation plate FTXN25-35MV1



Installation plate FTXN50-60MV1

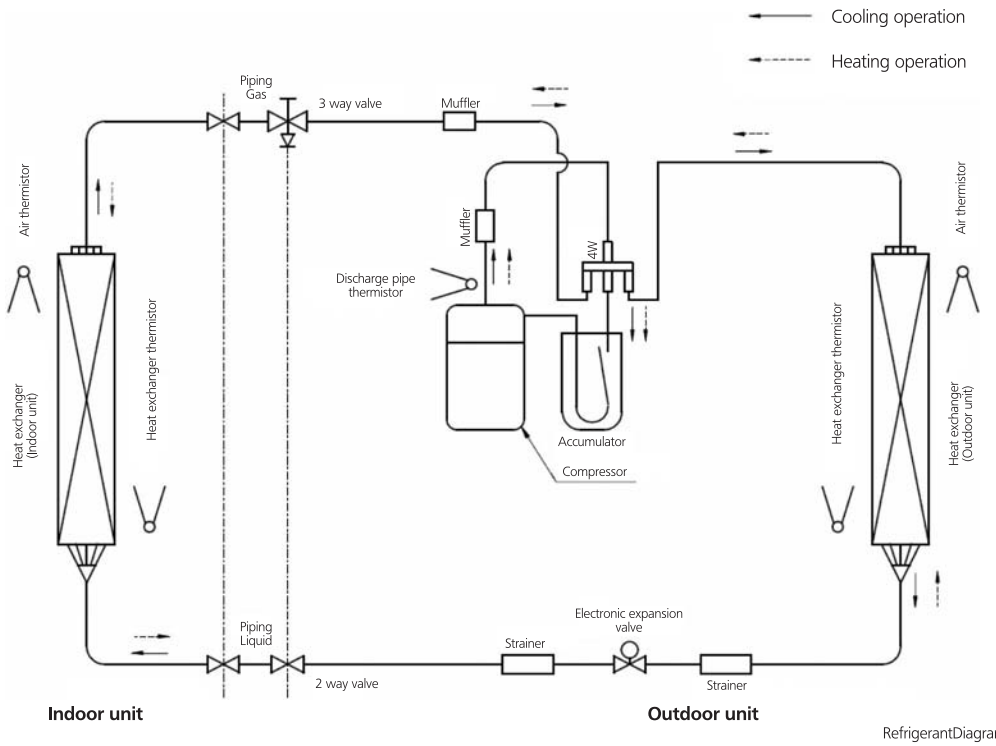
Model \ Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M
FTXN25-35MV1	800	288	212	166	184	42	46	55	56	154	182	263	52
FTXN50-60MV1	1065	310	229	190	173	61	40	45	48	91	219	580	45

Dimension_FTXN-MV1_2014-05-14

4 Piping diagrams

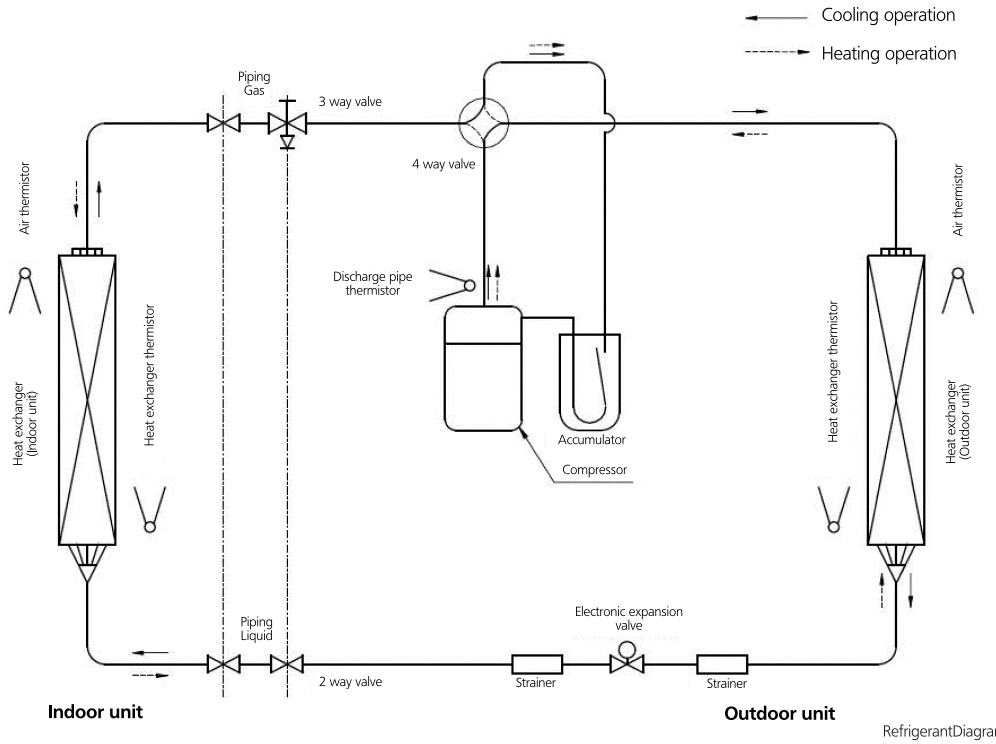
4 - 1 Piping Diagrams

FTXN25-35M + RXN25-35M



RefrigerantDiagram_FTXN-MV1_2014-05-14

FTXN50-60M + RXN50-60M

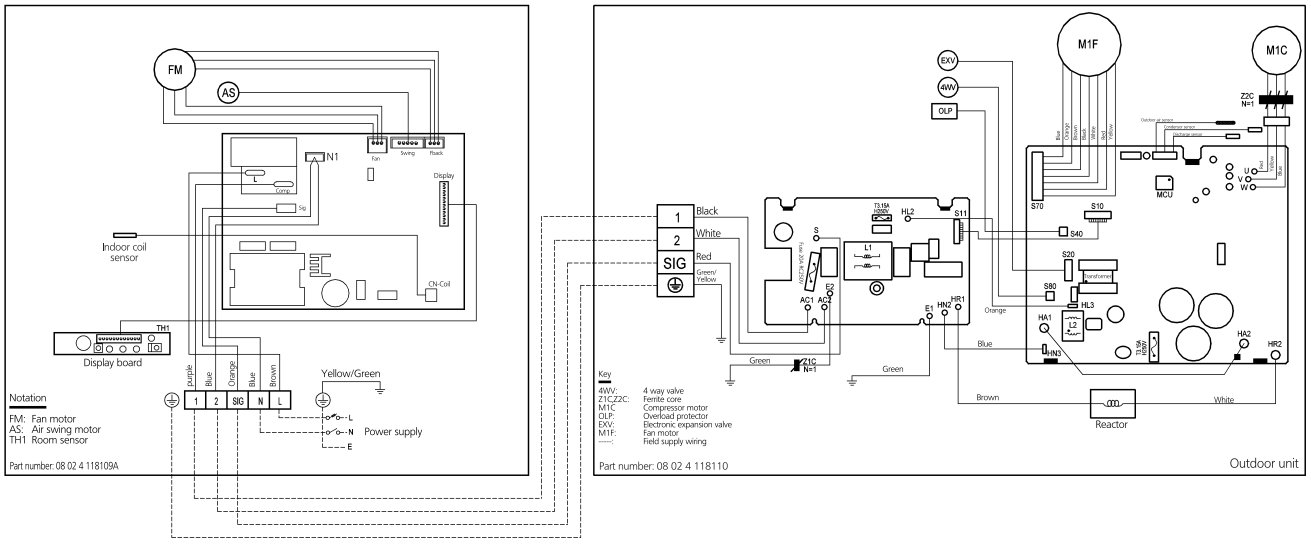


RefrigerantDiagram_FTXN-MV1_2014-05-14

5 Wiring diagrams

5 - 1 Wiring Diagrams - Single Phase

FTXN25-35M + RXN25-35M

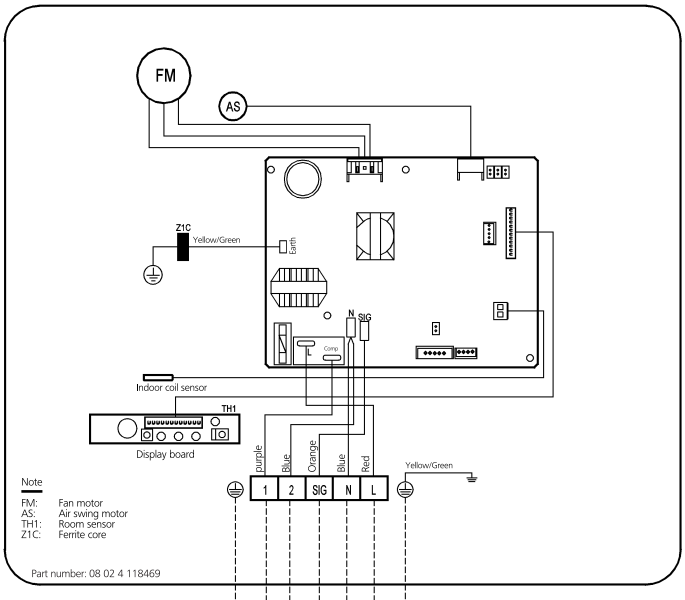


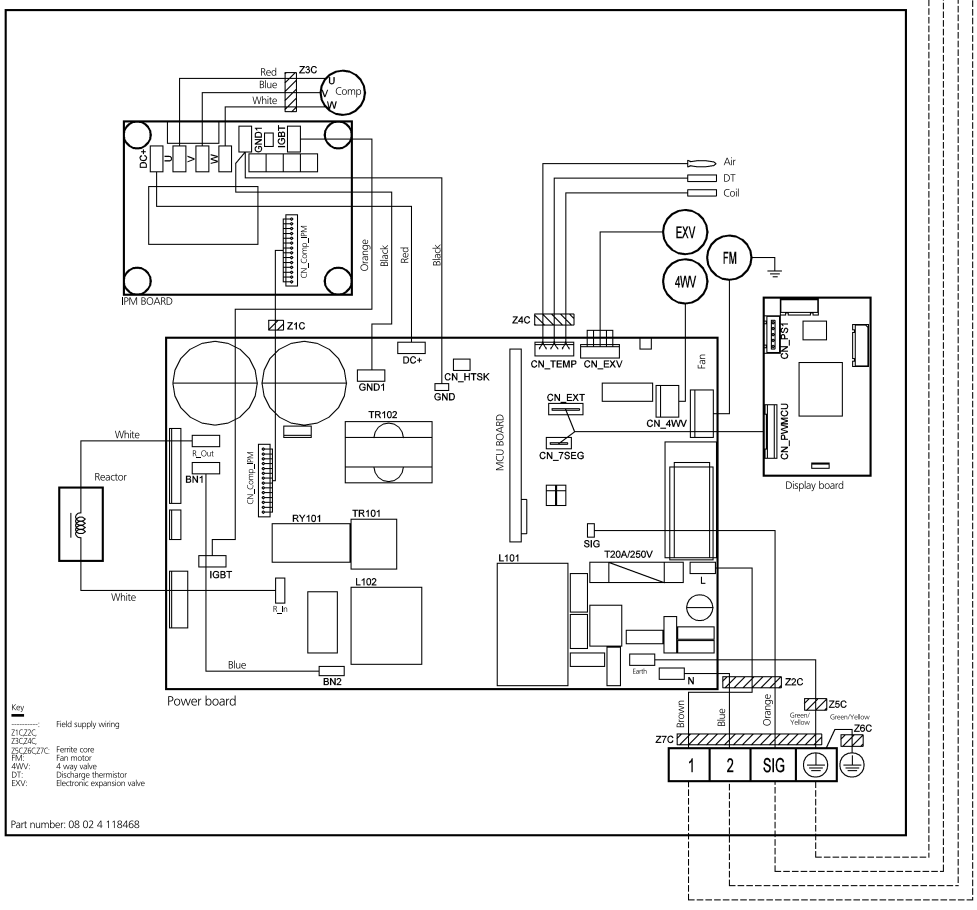
WiringDiagram_FTXN2535MV1_2014-05-14

5 Wiring diagrams

5 - 1 Wiring Diagrams - Single Phase

FTXN50-60M + RXN50-60M





Part number: 70 03 4 119689

WiringDiagram_FTXN5060MV1_2014-05-14

6 Sound data

6 - 1 Sound Pressure Spectrum

FTXN-M

Model	Speed	1/1 Octave A-Weighted Sound Pressure Level (dBA), ref. 20µPa							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXN25MV1	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	21	22	20	15	10	7	8	21	-
FTXN35MV1	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	24	22	21	17	11	7	7	22	-
FTXN50MV1	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
FTXN60MV1	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

SoundPressure_FTXN-MV1_2014-05-14

These products are not within the scope of the Eurovent certification program

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