



Air Conditioning

Technical Data

Wall mounted unit



EEDEN15-100

FTXK-AS, FTXK-AW

TABLE OF CONTENTS

FTXK-AS, FTXK-AW

1	Features	2
	FTXK-AS	2
	FTXK-AW	3
2	Specifications	4
	Technical Specifications	4
	Electrical Specifications	5
3	Dimensional drawings	6
4	Piping diagrams	8
5	Wiring diagrams	9
	Wiring Diagrams - Single Phase	9
6	Sound data	10
	Sound Pressure Spectrum	10

1 Features

1 - 1 FTXK-AS

- Stylish, modern casing in silver
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period

1



Fan only



Auto cooling-
heating
changeover



Comfortable
sleeping mode



Vertical auto
swing



Auto fan speed



Fan speed
steps



Dry programme



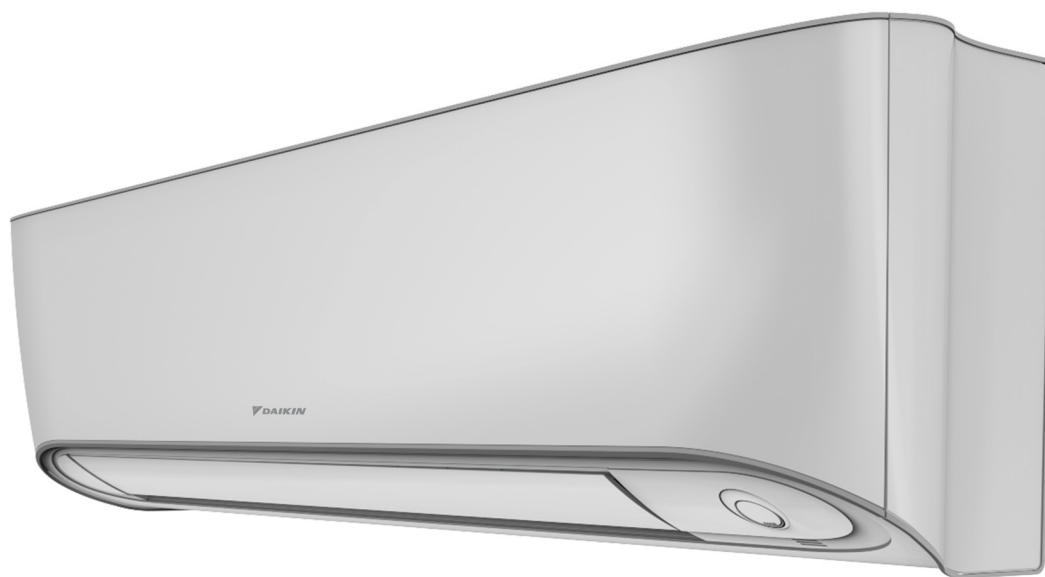
Air filter



24 hour timer



Infrared remote
control



1 Features

1 - 2 FTXK-AW

- Stylish, modern casing in white
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period



Fan only



Auto cooling-
heating
changeover



Comfortable
sleeping mode



Vertical auto
swing



Auto fan speed



Fan speed
steps



Dry programme



Air filter



24 hour timer



Infrared remote
control



2 Specifications

2-1 Technical Specifications					FTXK25AS	FTXK35AS	FTXK50AS	FTXK60AS	FTXK25AW	FTXK35AW	FTXK50AW	FTXK60AW
Casing	Colour				Silver				White			
Dimensions	Unit	Height/Width/Depth	mm		297/890/210		320/1,172/242		297/890/210		320/1,172/242	
	Packed unit	Height/Width/Depth	mm		367/970/303		400/1,252/333		367/970/303		400/1,252/333	
Weight	Unit		kg		9.0		14.0		9.0		14.0	
Heat exchanger	Rows	Quantity			2							
	Face area		m²		0.18		0.29		0.18		0.29	
	Tube material				Seamless Inner Grooved Copper							
	Tube diameter		mm		7							
	Fin	Type			Aluminium (hydrophilic fin)							
Air filter	Type				Saranet							
	Quantity		pc		2							
Fan	Type				Cross flow fan							
	Air flow rate	Cooling	Super high	m³/min	10.68	11.10	16.38	19.92	10.68	11.10	16.38	19.92
				cfm	378	392	578	703	378	392	578	703
			High	m³/min	9.78	10.14	15.00	18.54	9.78	10.14	15.00	18.54
				cfm	345	358	529	654	345	358	529	654
			Nom.	m³/min	7.68	7.98	13.32	16.56	7.68	7.98	13.32	16.56
				cfm	272	282	471	585	272	282	471	585
			Low	m³/min	6.06	6.54	11.82	14.34	6.06	6.54	11.82	14.34
				cfm	215	232	418	507	215	232	418	507
		Silent operation	m³/min	4.68		10.62	12.36	4.68		10.62	12.36	
			cfm	165		374	437	165		374	437	
		Heating	Super high	m³/min	10.68	11.10	16.38	19.92	10.68	11.10	16.38	19.92
				cfm	378	392	578	703	378	392	578	703
			High	m³/min	9.78	10.14	15.00	18.54	9.78	10.14	15.00	18.54
				cfm	345	358	529	654	345	358	529	654
			Nom.	m³/min	7.68	7.98	13.32	16.56	7.68	7.98	13.32	16.56
				cfm	272	282	471	585	272	282	471	585
	Low		m³/min	6.06	6.54	11.82	14.34	6.06	6.54	11.82	14.34	
			cfm	215	232	418	507	215	232	418	507	
	Silent operation	m³/min	4.68		10.62	12.36	4.68		10.62	12.36		
		cfm	165		374	437	165		374	437		
Fan motor	Model				Induction		Brushless		Induction		Brushless	
	Index of Protection				44		20		44		20	
	Insulation grade				Class "E"							
	Poles				4		8		4		8	
	Drive				Direct drive							
	Output	Rated	W	18		40		18		40		
	Full load amps (FLA)	Cooling	A	0.19	0.21	0.32	0.56	0.19	0.21	0.32	0.56	
Heating		A	0.19	0.21	0.32	0.56	0.19	0.21	0.32	0.56		
Sound power level	Cooling		dBA	53	54	55	61	53	54	55	61	
	Heating		dBA	53	54	55	61	53	54	55	61	
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	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	41/40/34/ 29/21	42/41/34/ 30/22	44/40/38/ 35/32	46/43/41/ 37/33	
Refrigerant	Type				R-410A							
	GWP				2,087.5							
Piping connections	Liquid	Type/OD	mm		Flare connection/6.35							
	Gas	Type/OD	mm		Flare connection/9.52		Flare connectio n/12.70	Flare connectio n/15.90	Flare connection/9.52		Flare connectio n/12.70	Flare connectio n/15.90
Air direction control					Auto louver (up & down) & grille (left & right)							
Control	Operation				LCD Remote control							

2

Specifications

2-2 Electrical Specifications			FTXK25AS	FTXK35AS	FTXK50AS	FTXK60AS	FTXK25AW	FTXK35AW	FTXK50AW	FTXK60AW
Power supply	Name		V1							
	Phase		1~							
	Frequency	Hz	50							
	Voltage	V	220-240							

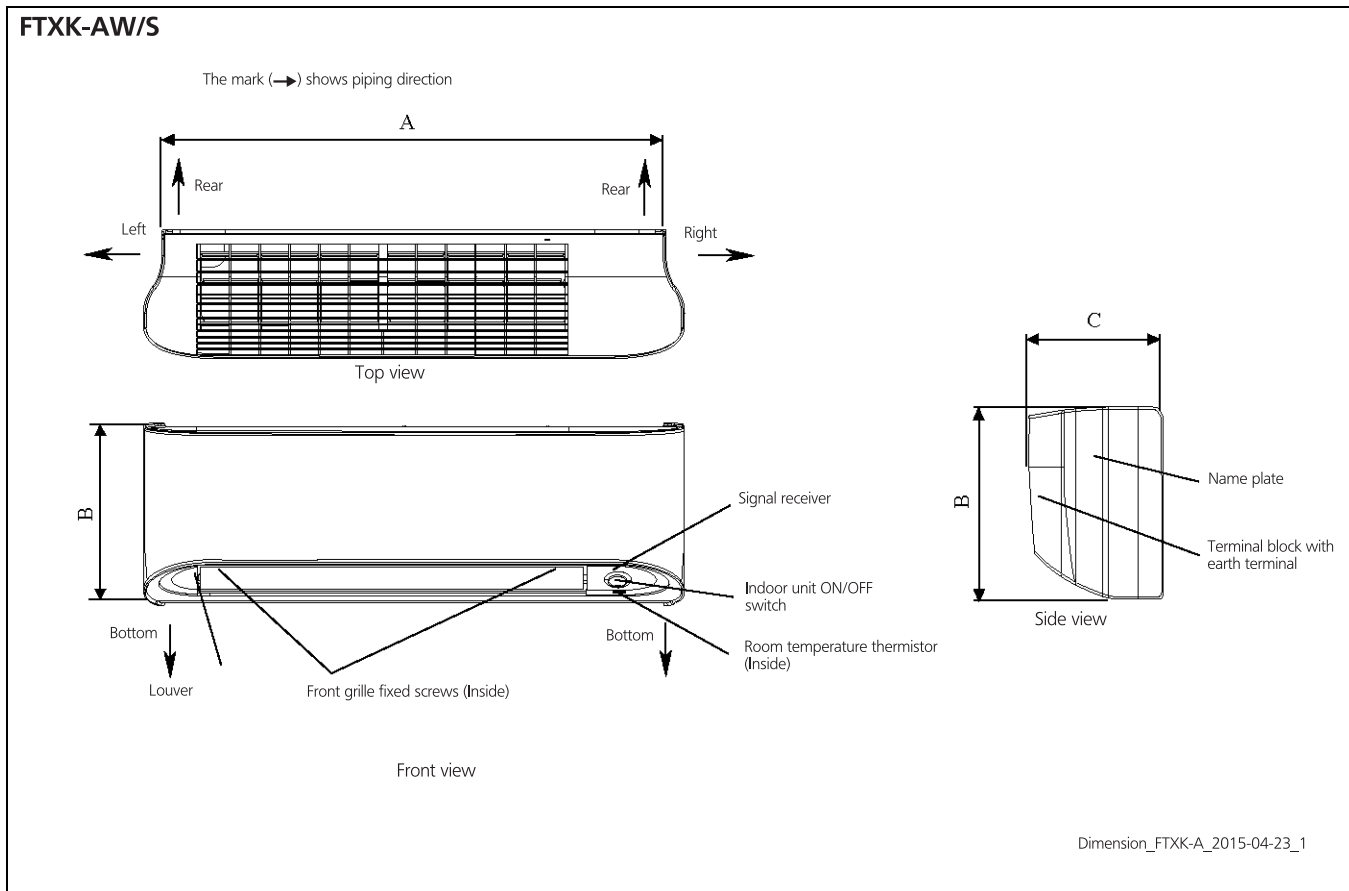
Notes

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

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

3 Dimensional drawings

3 - 1 Dimensional Drawings

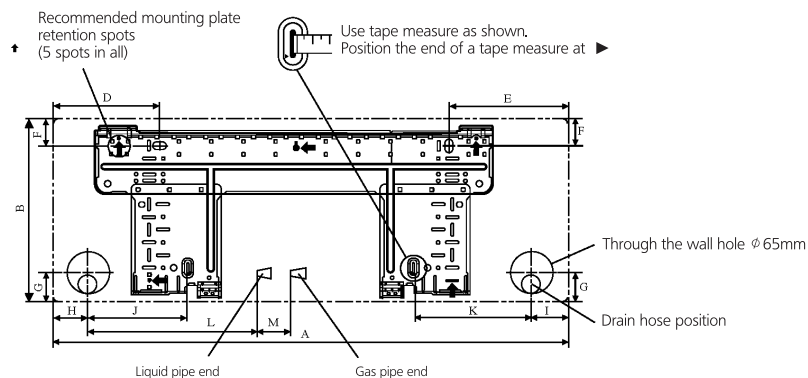


3 Dimensional drawings

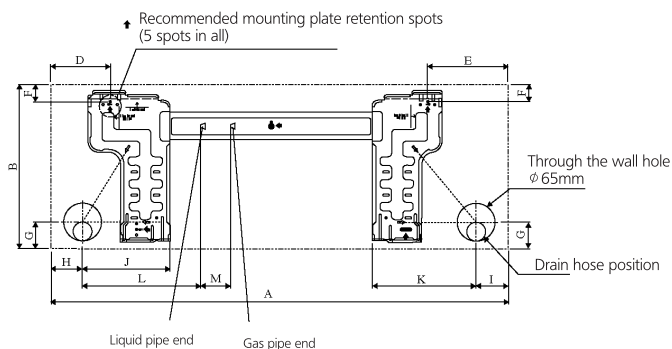
3 - 1 Dimensional Drawings

FTXK-AW/S

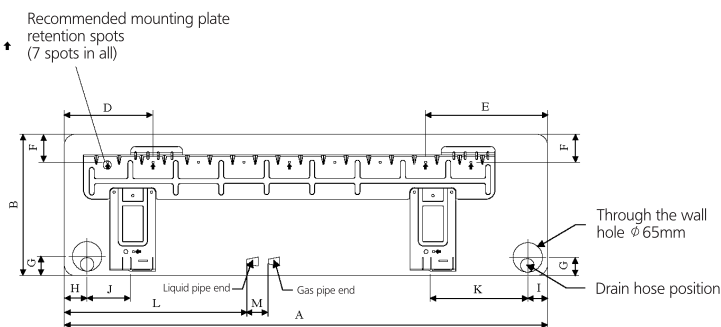
All dimensions are in mm



Installation plate FTXK25-35AW/S



Alternative installation plate FTXK25-35AW/S



Installation plate FTXK50-60AW/S

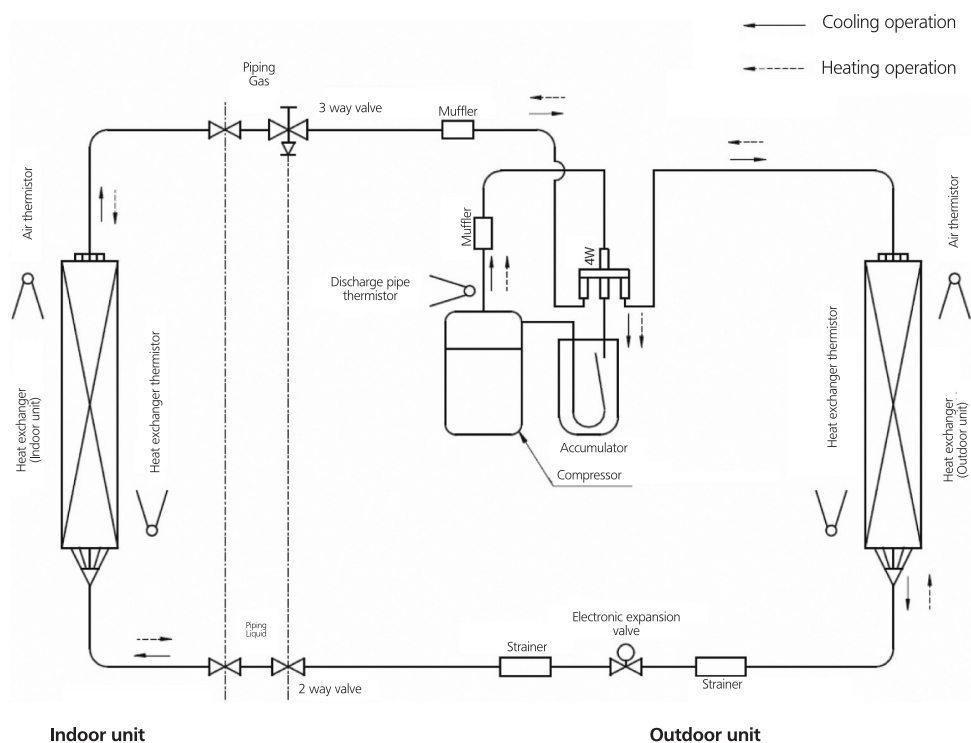
Model	Dimension												
	A	B	C	D	E	F	G	H	I	J	K	L	M
FTXK25-35AW/S Installation plate	890	297	210	166	184	42	46	55	56	154	182	263	52
FTXK25-35AW/S Alternative installation plate	890	297	210	104	141	30	46	55	56	153	181	207	52
FTXK50-60AW/S Installation plate	1172	320	242	190	173	61	40	45	48	91	219	580	45

Dimension_FTXK-A_2015-04-23_2

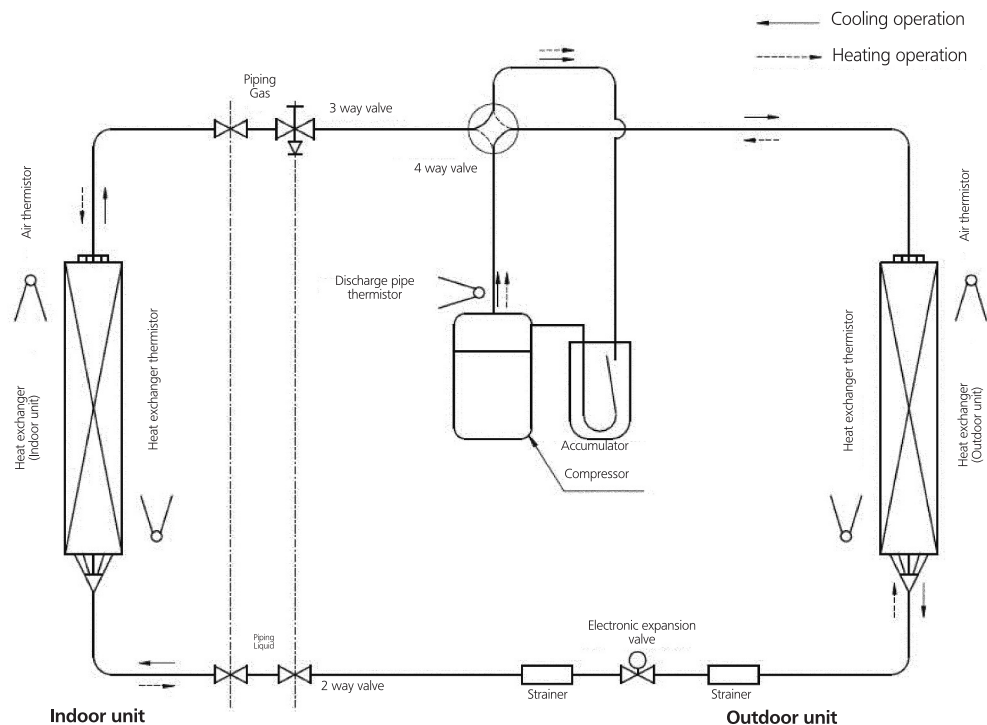
4 Piping diagrams

4 - 1 Piping Diagrams

FTXK25-35AW/S + RXK25-35A



FTXK50-60AW/S + RXK50-60A

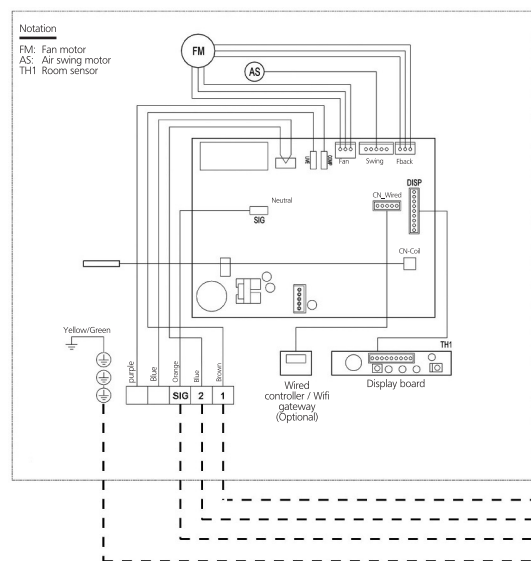


5 Wiring diagrams

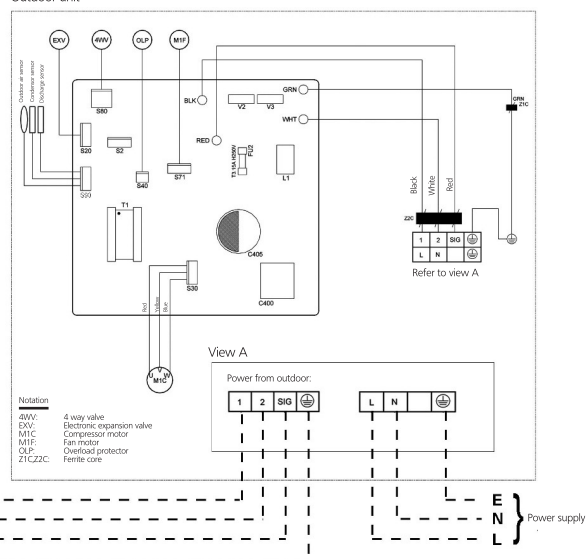
5 - 1 Wiring Diagrams - Single Phase

FTXK25-35AW/S + RXK25-35A

Indoor unit



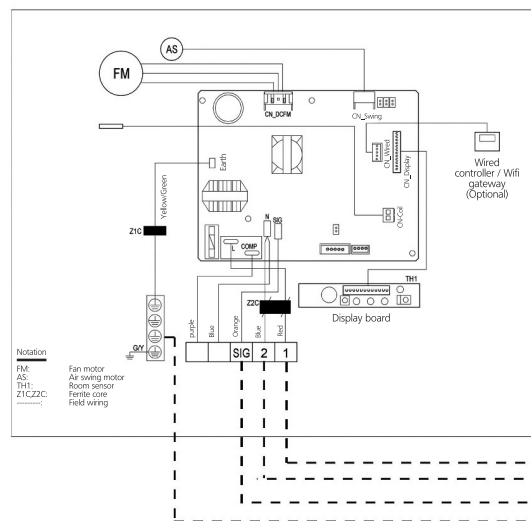
Outdoor unit



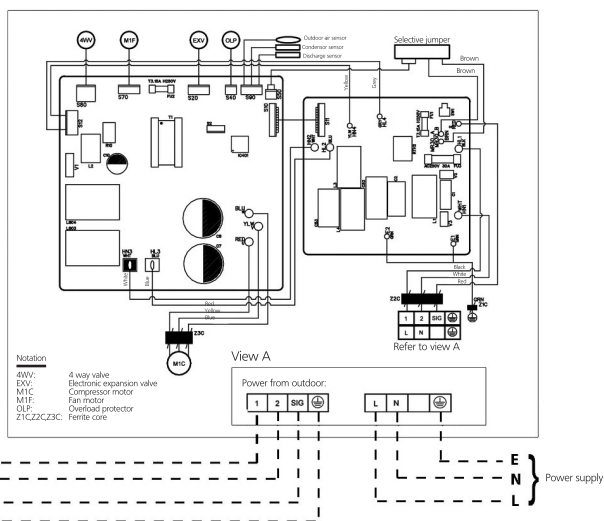
WiringDiagram_FTXK25_35AV1B_2015-04-24

FTXK50-60AW/S + RXK50-60A

Indoor unit



Outdoor unit



WiringDiagram_FTXK50_60AV1B_2015-04-24

6 Sound data

6 - 1 Sound Pressure Spectrum

6

FTXK-AW/S

Model	Speed	1/1 Octave A-Weighted Sound Pressure Level (dBA), ref. 20μPa							Overall (dBA)	Noise Criteria
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz		
FTXK25AW/S	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
FTXK35AW/S	Quiet	21	22	20	15	10	7	8	21	-
	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
FTXK50AW/S	Low	33	29	29	25	21	15	11	30	23
	Quiet	24	22	21	17	11	7	7	22	-
	Turbo	39	41	40	40	37	29	16	44	39
	High	35	37	37	36	32	25	12	40	35
FTXK60AW/S	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
	Turbo	42	44	43	42	40	35	20	46	41
FTXK60AW/S	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_FTXK-A_2015-04-23



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) 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: