

# Wall Mounted FDK



**New!**



FDK15-56



FDK71-90

## Remote control (option)

Wired



RC-EX3D RC-E5 RCH-E3 RC-ES1

Wireless



RCN-K-E2: FDK15-56  
RCN-K71-E2: FDK71-90

## R32 Leak detector and shut-off valve available as an option

Refrigerant  
leak detector  
RLD-KIT-E

Shut-off valve  
SV-KIT-S1N-E  
SV-KIT-L1N-E



\*R32 indoor unit are not compatible with R410A outdoor unit and vice versa.

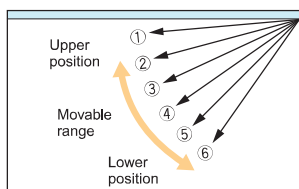
## Elegant Timeless Design

The FDK series air-conditioners are innovatively designed with rounded contours that beautifully fit into any of Europe's diverse interior settings. Created by an Italian industrial design studio based in Milan, Tensa srl, the design meets a broad range of requirements. (FDK15-56)

## Flap control system

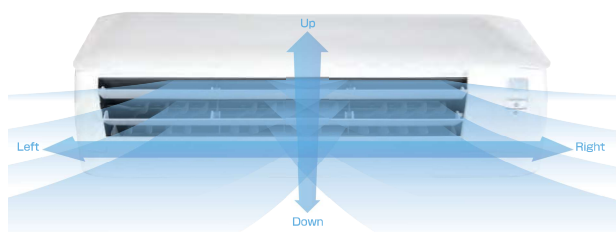
Selection of flap position is possible. A flap can be set at different angles.

\*The wireless remote control is not applicable to the flap control system.



**Lateral Swing** ► flap swings from right to left automatically

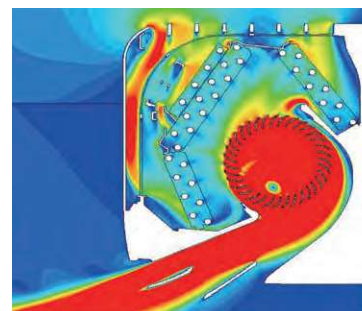
**Up/Down Flap swing  
+  
Lateral swing**



## Jet Technology

FDK models adopt the air flow design that's proven to minimise resistance in a CFD analysis to achieve uniform air-conditioning to the furthest corners of the room.

Fast ← → Slow  
Colours in the figure show the air speed.



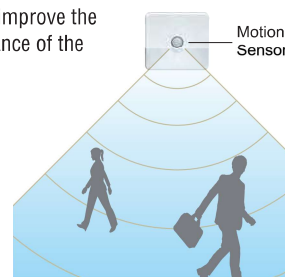
## Motion Sensor

(option)

Motion sensor is equipped in the ceiling plane or wall plane and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.



LB-KIT2



## SPECIFICATIONS

Indoor unit	FDK		15KXZE3-W	22KXZE3-W	28KXZE3-W	36KXZE3-W	45KXZE3-W	56KXZE3-W	71KXZE3-W	90KXZE3-W
Power source			1 Phase 220-240V, 50Hz							
Nominal capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0
	Heating		1.7	2.5	3.2	4.0	5.0	6.3	8.0	10.0
Power consumption	Cooling	W	20-20			30-30			40-40	50-50
	Heating									
Sound power level <sup>†</sup>	Cooling	dB(A)	54	55		58		58	59	61
	Heating							61		
Sound pressure level <sup>††</sup> (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	38/34/31/28	38/36/30/27		40/38/33/28	43/41/36/33	43/41/36/33 44/42/37/33	42/40/37/35	44/42/39/35
	Heating									
Exterior dimensions (HxWxD)		mm	290x870x230						339x1197x262	
Net weight		kg	11.5	11		11.5			17	
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m³/	5.7/5/4.5/3.6	8.5/8/6/5		11/10/8/7	12/11/9/8	12/11/9/8	21/19/16/14	23/21/19/16
	Heating	min						13/12/10/8		
Outside air intake			Not possible							
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")						ø9.52(3/8")	
	Gas									
Air filter, Q'ty			Polypropylene net x2 (Washable)							

Indoor unit	FDK		15KXZE1	22KXZE1	28KXZE1	36KXZE1	45KXZE1	56KXZE1	71KXZE1	90KXZE1
Power source			1 Phase 220-240V, 50Hz							
Nominal capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0
	Heating		1.7	2.5	3.2	4.0	5.0	6.3	8.0	10.0
Power consumption	Cooling	W	20-20			30-30			40-40	50-50
	Heating									
Sound power level <sup>†</sup>	Cooling	dB(A)	54	55		58		58	59	61
	Heating							61		
Sound pressure level <sup>††</sup> (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	38/34/31/28	38/36/32/28		40/38/33/28	43/41/36/33	43/41/36/33	42/40/37/35	44/42/39/35
Heating	44/42/37/33									
Exterior dimensions (HxWxD)		mm	290x870x230						339x1197x262	
Net weight		kg	11.5	11		11.5			17	
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m <sup>3</sup> / min	5.7/5/4.5/3.6	8.5/8/6/5		11/10/8/7	12/11/9/8	12/11/9/8	21/19/16/14	23/21/19/16
	Heating							13/12/10/8		
Outside air intake			Not possible							
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")						ø9.52(3/8")	
	Gas									
Air filter, Q'ty			Polypropylene net x2 (Washable)							

1. The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.