

Wall Mounted FDK

Model No.

FDK22KXE6F
FDK28KXE6F
FDK36KXE6F
FDK45KXE6F
FDK56KXE6F
FDK71KXE6F



FDK22~56



FDK71

Remote control (option)

Wired



RC-EX1A



RC-E5



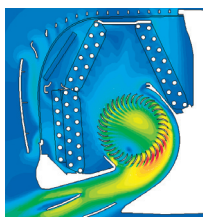
RCH-E3

Wireless



RCN-K-E : FDK22~56
RCN-K71-E : FDK71

Innovative Design



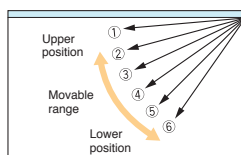
Fast ← → Slow
Colors in the figure show the air speed.

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.

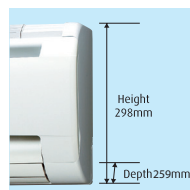
Flap control system

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

*RCH-E3 is not applicable to the flap control system.



Installation Workability



The slimmer design allows easy & neat installation even in tight spaces.

Improved Maintainability

Also included is an easy clean mechanism where the front panel is opened/closed simply from the bottom to easily access the detachable filters.

Specifications

Item	Model	FDK22KXE6F	FDK28KXE6F	FDK36KXE6F	FDK45KXE6F	FDK56KXE6F	FDK71KXE6F
Nominal cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
Nominal heating capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power source		1 Phase 220-240V, 50Hz / 220V, 60Hz					
Power consumption	Cooling	0.05-0.05 / 0.05			0.05-0.05 / 0.05		0.09-0.09 / 0.09
	Heating	0.04-0.04 / 0.04			0.05-0.05 / 0.05		0.09-0.09 / 0.09
Sound power level	dB(A)	57			60		
Sound pressure level ※	Cooling	Hi:35 Me:33 Lo:31			Hi:41 Me:35 Lo:31	Hi:42 Me:37 Lo:33	Hi:46 Me:42 Lo:37
	Heating	Hi:35 Me:33 Lo:31			Hi:39 Me:35 Lo:31	Hi:42 Me:37 Lo:33	Hi:46 Me:42 Lo:37
Exterior dimensions H x W x D	mm	298 x 840 x 259					
Net weight	kg	12			12.5	13	15.5
Air flow ※	m³/min	Hi:8 Me:7 Lo:6			Hi:10 Me:9 Lo:7	Hi:11 Me:9 Lo:7	Hi:14 Me:12 Lo:10
Outside air intake		Not possible					
Air filter, Q'ty		Polypropylene net x2 (Washable)					
Remote control(option)		wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-K-E (for FDK22~56), RCN-K71-E (for FDK71)					
Installation data	mm(in)	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")			Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")		Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")

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.

※ Powerful-Hi can be selected. Sound pressure level: FDK22/28 38dB(A), FDK36 48dB(A)(Cooling)&42dB(A)(Heating), FDK45 48dB(A)(Cooling)&43dB(A)(Heating), FDK56 48dB(A)(Cooling)&47dB(A)(Heating), FDK71 48dB(A).
Air flow: FDK22/28 11m³/min, FDK36/45 15m³/min, FDK56 16m³/min, FDK71 24m³/min.