

Wall Mounted FDK

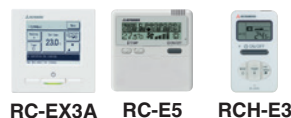
Model No.

FDK15KXZE1
FDK22KXZE1
FDK28KXZE1
FDK36KXZE1
FDK45KXZE1
FDK56KXZE1
FDK71KXZE1
FDK90KXZE1



Remote control (option)

Wired



Wireless

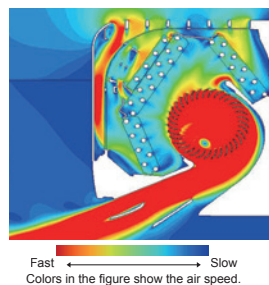


Elegant Timeless Design

The new FDK series air-conditioners have been stylishly designed with rounded contours that fit beautifully into any of Europe's diverse interior settings. The design was created by the Italian industrial design studio Tensa srl, based in Milan, to respond to a broad spectrum of local user needs. (15~56KXZE1)



Jet Technology

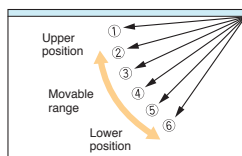


FDK models adopt the air flow design that's proven to minimise resistance in a CFD analysis to achieve uniform air conditioning to the furthest corners of the room.

Flap control system

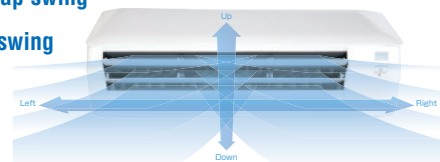
Selection of flap position is possible. A flap can be set at different angles.

*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



Specifications

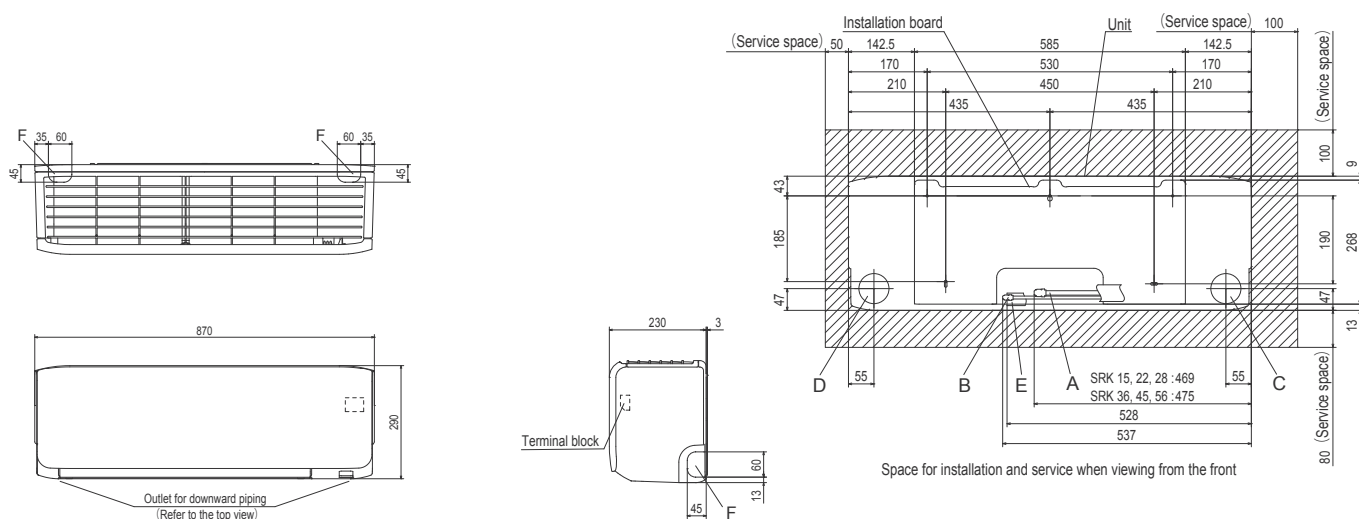
Item	Model	FDK15KXE1	FDK22KXE1	FDK28KXE1	FDK36KXE1	FDK45KXE1	FDK56KXE1	FDK71KXE1	FDK90KXE1
Nominal cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0
Nominal heating capacity	kW	1.7	2.5	3.2	4.0	5.0	6.3	8.0	10.0
Power source		1 Phase 220-240V, 50Hz							
Power consumption	Cooling	0.02-0.02			0.03-0.03			0.04-0.04	0.05-0.05
	Heating	0.02-0.02			0.03-0.03			0.04-0.04	0.05-0.05
Sound power level	dB(A)	54	55	58	58	Cooling:58 Heating:61	59	61	
Sound pressure level	Cooling	P-Hi:38 Hi:34 Me:31 Lo:28	P-Hi:38 Hi:36 Me:32 Lo:28		P-Hi:40 Hi:38 Me:33 Lo:28	P-Hi:43 Hi:41 Me:36 Lo:33	P-Hi:43 Hi:41 Me:36 Lo:33	P-Hi:42 Hi:40 Me:37 Lo:35	P-Hi:44 Hi:42 Me:39 Lo:35
	Heating	P-Hi:38 Hi:34 Me:31 Lo:28	P-Hi:38 Hi:36 Me:32 Lo:28		P-Hi:40 Hi:38 Me:33 Lo:28	P-Hi:43 Hi:41 Me:36 Lo:33	P-Hi:44 Hi:42 Me:37 Lo:33	P-Hi:42 Hi:40 Me:37 Lo:35	P-Hi:44 Hi:42 Me:39 Lo:35
Exterior dimensions H x W x D	mm	290 x 870 x 230							339 x 1197 x 262
Net weight	kg	11.5	11	11.5	11.5	11.5	11.5	17	
Air flow	Cooling	P-Hi:5.7 Hi:5 Me:4.5 Lo:3.6	P-Hi:8.5 Hi:8 Me:6 Lo:5		P-Hi:11 Hi:10 Me:8 Lo:7	P-Hi:12 Hi:11 Me:9 Lo:8	P-Hi:12 Hi:11 Me:9 Lo:8	P-Hi:21 Hi:19 Me:16 Lo:14	P-Hi:23 Hi:21 Me:19 Lo:16
	Heating						P-Hi:13 Hi:12 Me:10 Lo:8		
Outside air intake		Not possible							
Air filter, Q'ty		Polypropylene net x2 (Washable)							
Remote control(option)		wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-K-E2, RCN-K71-E2							
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")	
Refrigerant piping size									

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.

Dimensions

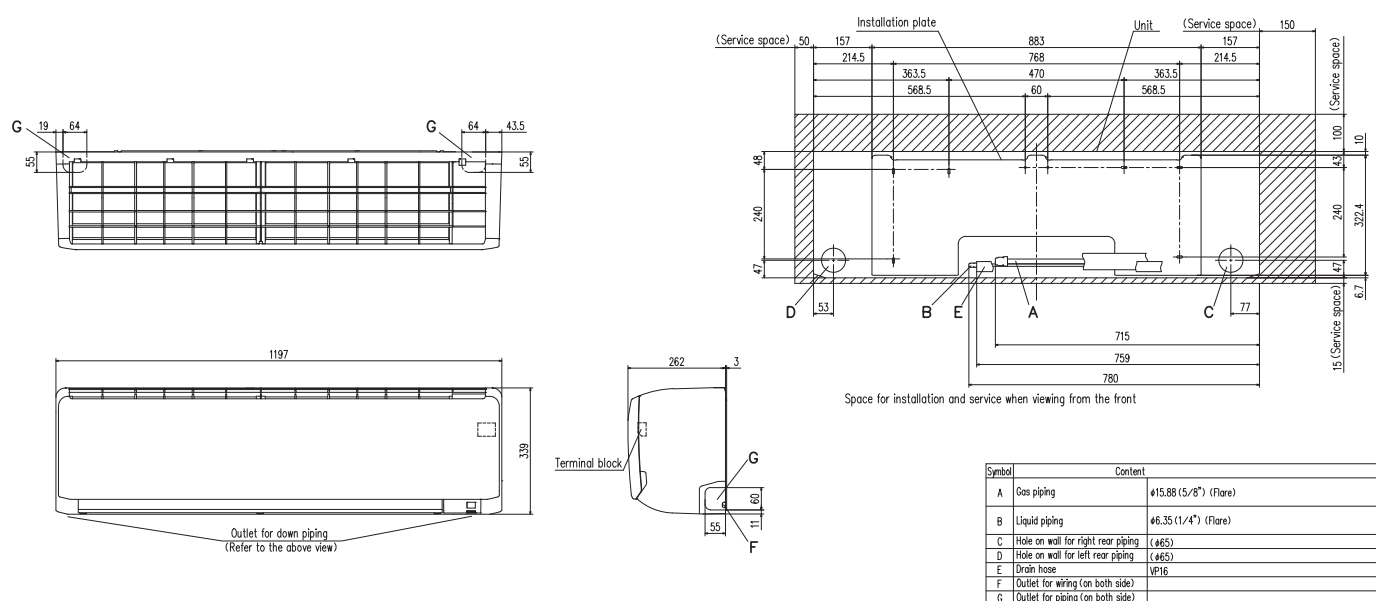
All measurements in mm.

FDK15KXE1, 22KXE1, 28KXE1, 36KXE1, 45KXE1, 56KXE1



Symbol	Content
A	Gas piping SRK15, 22, 28 $\phi 9.52$ (3/8") (Flare) SRK36, 45, 56 $\phi 12.7$ (1/2") (Flare)
B	Liquid piping $\phi 6.35$ (1/4") (Flare)
C	Hole on wall for right rear piping ($\phi 65$)
D	Hole on wall for left rear piping ($\phi 65$)
E	Drain hose VP16
F	Outlet for piping (on both side)

FDK71KXE1, 90KXE1



Symbol	Content
A	Gas piping $\phi 15.88$ (5/8") (Flare)
B	Liquid piping $\phi 6.35$ (1/4") (Flare)
C	Hole on wall for right rear piping ($\phi 65$)
D	Hole on wall for left rear piping ($\phi 65$)
E	Drain hose VP16
F	Outlet for wiring (on both side)
G	Outlet for piping (on both side)