

Ceiling Suspended FDE

Model No.

FDE36KXZE1
FDE45KXZE1
FDE56KXZE1
FDE71KXZE1
FDE112KXZE1
FDE140KXZE1



Remote control (option)

Wired



RC-EX3D RC-E5 RCH-E3

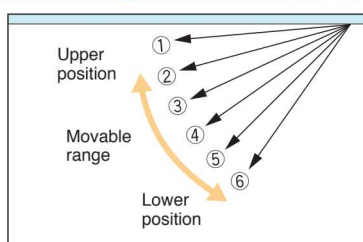
Wireless



RCN-E-E3

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.

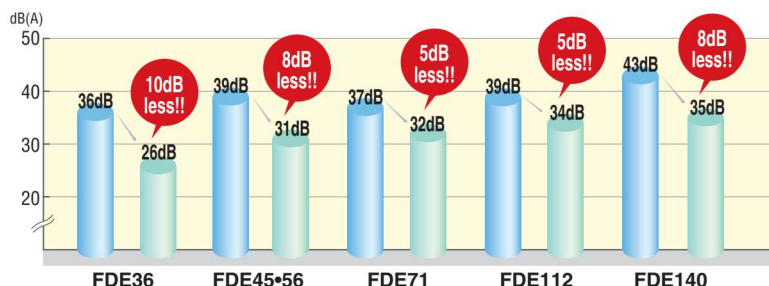
Lighter than ever

By decreasing the number of fan motors from two to one, we reduced the overall weight of our FDE units.

	Previous		Current	
FDE71	37	➡	33	4kg less!!
FDE112	49	➡	43	6kg less!!
FDE140	49	➡	43	6kg less!!

Reduction of sound pressure level (Lo mode)

We achieved the industry's lowest sound pressure levels by decreasing air flow volume, decreasing pressure loss with employment of one fan motor and optimising casing and distributor shape. (comparison of previous model)



Motion Sensor

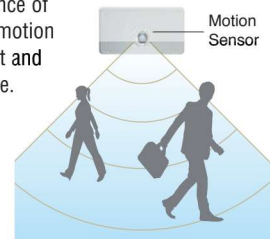
(Option)

Reduce your environmental impact with our optional motion sensor feature.

By detecting presence or absence of human activity in a room, the motion sensor improves room comfort and unit energy saving performance.



LB-E



Specifications

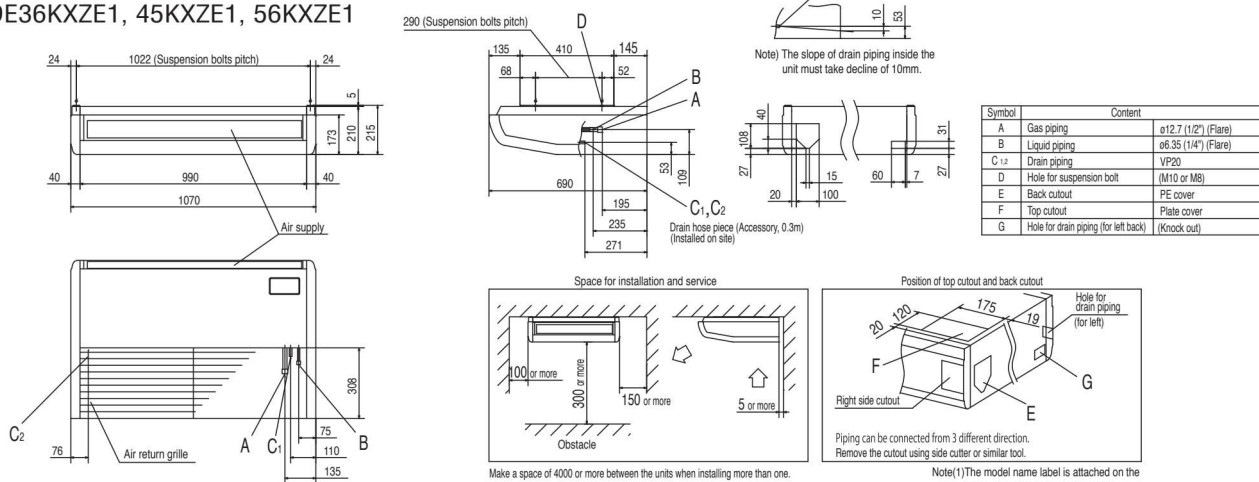
Item	Model	FDE36KXZE1		FDE45KXZE1	FDE56KXZE1	FDE71KXZE1	FDE112KXZE1	FDE140KXZE1
Nominal cooling capacity	kW	3.6		4.5	5.6	7.1	11.2	14.0
Nominal heating capacity	kW	4.0		5.0	6.3	8.0	12.5	16.0
Power source		1 Phase 220-240V, 50Hz						
Power consumption	Cooling	0.05-0.05				0.07-0.07	0.10-0.10	0.13-0.13
	Heating	0.05-0.05				0.07-0.07	0.10-0.10	0.13-0.13
Sound power level	dB(A)	60				62	61	64
Sound pressure level	dB(A)	P-Hi:46 Hi:38 Me:31 Lo:26	P-Hi:46 Hi:38 Me:36 Lo:31	P-Hi:46 Hi:38 Me:36 Lo:31	P-Hi:47 Hi:39 Me:37 Lo:32	P-Hi:45 Hi:42 Me:38 Lo:34	P-Hi:48 Hi:43 Me:40 Lo:35	
Exterior dimensions H x W x D	mm	210 x 1070 x 690				210 x 1320 x 690	250 x 1620 x 690	
Net weight	kg	28				33	43	
Air flow	m³/min	P-Hi:13 Hi:10 Me:7 Lo:5.5	P-Hi:13 Hi:10 Me:9 Lo:7			P-Hi:20 Hi:15 Me:13 Lo:10	P-Hi:28 Hi:25 Me:21 Lo:16.5	P-Hi:32 Hi:26 Me:23 Lo:17
Outside air intake		Not possible						
Air filter, Q'ty		Pocket Plastic net x2 (Washable)						
Remote control(option)		wired:RC-EX3D, RC-E5, RCH-E3 wireless:RCN-E-E3						
Installation data Refrigerant piping size	mm(in)	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.

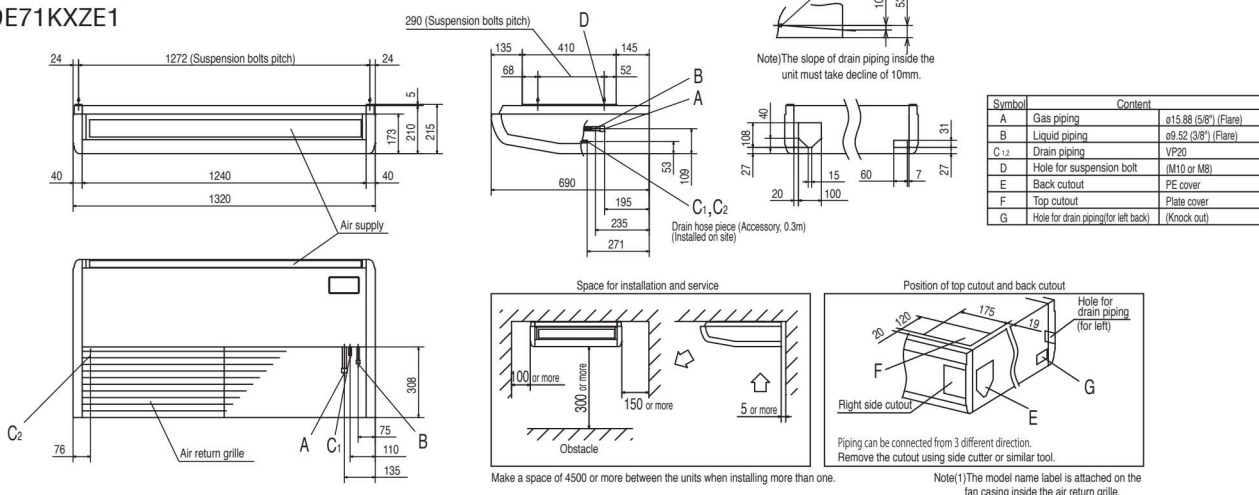
Dimensions

All measurements in mm.

FDE36KXZE1, 45KXZE1, 56KXZE1



FDE71KXZE1



FDE112KXZE1, 140KXZE1

