



Ceiling Suspended FDE

Model No.

- FDE36KXZE1
- FDE45KXZE1
- FDE56KXZE1
- FDE71KXZE1
- FDE112KXZE1
- FDE140KXZE1



Remote control (option)

Wired



RC-EX1A RC-E5 RCH-E3

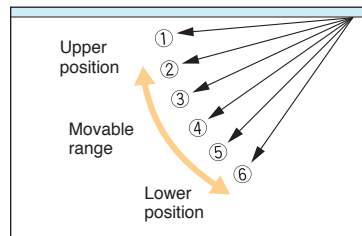
Wireless



RCN-E-E

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.

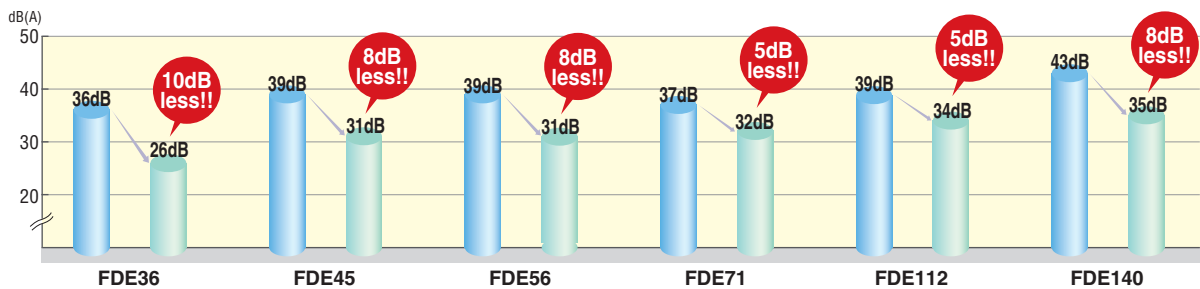
Reduction of weight

Thanks to decreasing the numbers of fan motor from two to one, reduction of weight was achieved.

	Current		New	
FDE71	37	➔	33	4kg less!!
FDE112	49	➔	43	6kg less!!
FDE140	49	➔	43	6kg less!!

Reduction of sound pressure level (Lo mode)

The industry's lowest sound pressure levels were achieved by decreasing air flow volume, decreasing pressure loss with employment of one fan motor and optimizing casing and distributor shape.



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 / 200V, 60Hz						
Power consumption	Cooling	0.05-0.05 / 0.05			0.07-0.07 / 0.07		0.10-0.10 / 0.10	0.13-0.13 / 0.13
	Heating	0.05-0.05 / 0.05			0.07-0.07 / 0.07		0.10-0.10 / 0.10	
Sound power level	dB(A)	60						
Sound pressure level ※	dB(A)	Hi:38 Me:31 Lo:26	Hi:38 Me:36 Lo:31	Hi:38 Me:36 Lo:31	Hi:39 Me:37 Lo:32	Hi:42 Me:38 Lo:34	Hi:43 Me:40 Lo:35	
Exterior dimensions H x W x D	mm	210 x 1070 x 690				250 x 1620 x 690		
Net weight	kg	28			33		43	
Air flow ※	m³/min	Hi:10 Me:7 Lo:5.5	Hi:10 Me:9 Lo:7		Hi:15 Me:13 Lo:10		Hi:25 Me:21 Lo:16.5	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-EX1A, RC-E5, RCH-E3 wireless:RCN-E-E						
Installation data Refrigerant piping size	mm(in)	Liquid line:ø6.35(1/4")			Liquid line:ø9.52(3/8")			
		Gas line:ø12.7(1/2")			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: FDE36/45/56 46dB(A), FDE71 47dB(A), FDE112 45dB(A), FDE140 48dB(A). Air flow: FDE36/45/56 13m³/min, FDE71 20m³/min, FDE112 28m³/min, FDE140 32m³/min.