Duct Connected -Low/Middle Static Pressure-
FDUM

R32 R410A

New!

FDUM22–160

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

*Filter pressure loss:5Pa

Filter kit (option)
UM-FL1EF : for 22–56
UM-FL2EF : for 71, 90
UM-FL3EF : for 112, 140, 160

Remote control (option)

Wired

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

Wireless

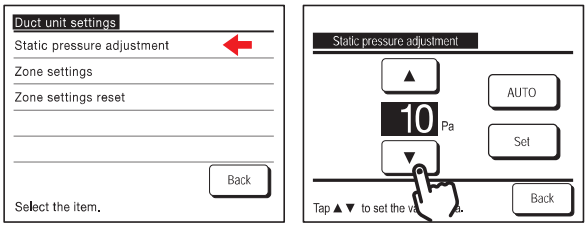
RCN-KIT4-E2

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

Refrigerant leak detector	Shut-off valve
RLD-KIT-E	SV-KIT-S1N-E SV-KIT-L1N-E

Static pressure could be adjusted via the remote control

The static pressure of the air duct could simply be adjusted via the remote control thereby work above the celling to adjust is no longer required.



Thin design

The height of all FDUM models only 280mm

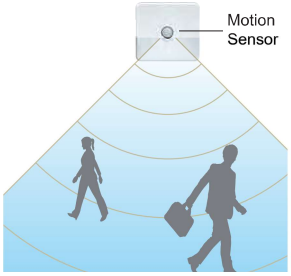
Transparent inspection window

Dirt condition of the bottom of the drain pan can be checked through this transparent inspection window without removing drain pan.
(Please refer to P80)

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.

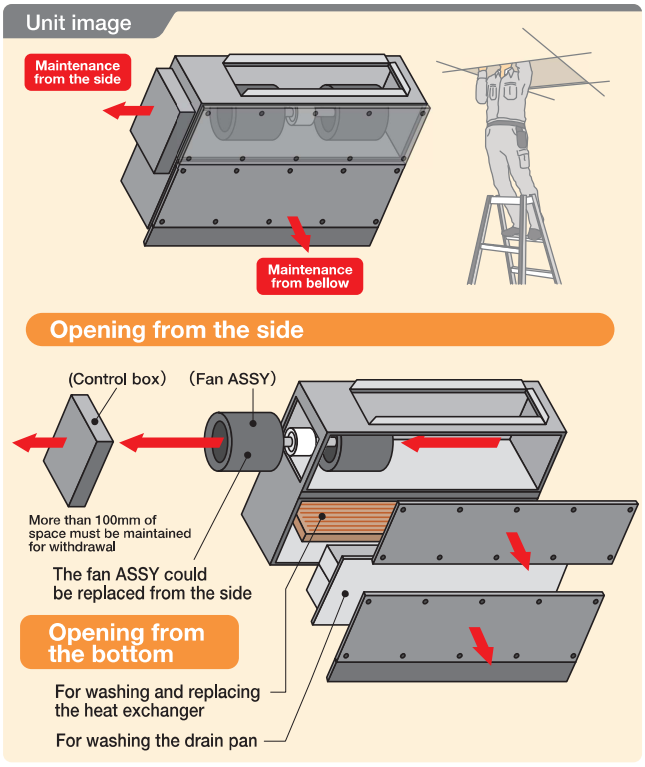
LB-KIT2



Improvement of the serviceability

Fan unit (impeller and motor) can be pulled out from the right side of the unit. Maintenance can be carried out from the right side or the bottom side of the unit.

Unit image



Round duct adapter
In case of requirements of round duct adapter, please refer to P85.

Company URL | AIRZONE http://www.airzone.es

■ SPECIFICATIONS

Indoor unit	FDUM		22KXZE3-W	28KXZE3-W	36KXZE3-W	45KXZE3-W	56KXZE3-W	71KXZE3-W	90KXZE3-W	112KXZE3-W	140KXZE3-W	160KXZE3-W
Power source			1 Phase 220-240V, 50Hz									
Nominal capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
	Heating		2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power consumption	Cooling	W	80-80					160-160		250-250	260-260	380-380
	Heating											
Sound power level*1	Cooling	dB(A)	57		58			63		68		72
	Heating		60		60			65		69		
Sound pressure level*1 (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	33/27/25/23		34/29/27/25			37/31/27/22		40/36/34/28	41/37/34/28	45/38/34/29
	Heating		36/30/29/25		35/30/29/25			39/33/28/23		41/36/34/28		
Exterior dimensions (HxWxD)		mm	280x750x635					280x950x635		280x1368x738		
Net weight		kg	29					34		54		
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m^3/min	13/10/9/8					24/19/15/10		36/28/25/19	39/32/26/20	48/35/28/22
	Heating											
Available static pressure		Pa	100									
Outside air intake			Possible									
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")					ø9.52(3/8")				
	Gas		ø9.52(3/8")		ø12.7(1/2")			ø15.88(5/8")				
Air filter (option)			UM-FL1EF					UM-FL2EF		UM-FL3EF		

Indoor unit	FDUM		22KXE6F	28KXE6F	36KXE6F	45KXE6F	56KXE6F	71KXE6F	90KXE6F	112KXE6F	140KXE6F	160KXE6F
Power source			1 Phase 220-240V, 50Hz									
Nominal capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
	Heating		2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power consumption	Cooling	W	100-100					200-200		290-290	330-330	450-450
	Heating											
Sound power level*1	Cooling	dB(A)	60					65		71	72	74
	Heating											
Sound pressure level*1 (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	37/32/29/26					38/33/29/25		44/38/36/30	45/40/34/29	47/40/35/30
	Heating											
Exterior dimensions (HxWxD)		mm	280x750x635					280x950x635		280x1368x740		
Net weight		kg	29					34		54		
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m^3/min	13/10/9/8					24/19/15/10		36/28/25/19	39/32/26/20	48/35/28/22
	Heating											
Available static pressure		Pa	100									
Outside air intake			Possible									
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")					ø9.52(3/8")				
	Gas		ø9.52(3/8")		ø12.7(1/2")			ø15.88(5/8")				
Air filter (option)			UM-FL1EF					UM-FL2EF		UM-FL3EF		

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