

INDOOR UNITS

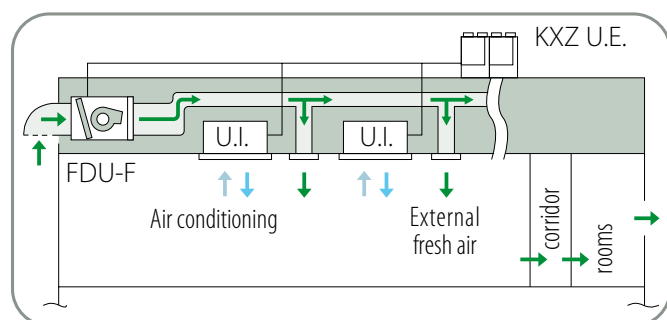
ALL-OUTSIDE AIR DUCTED



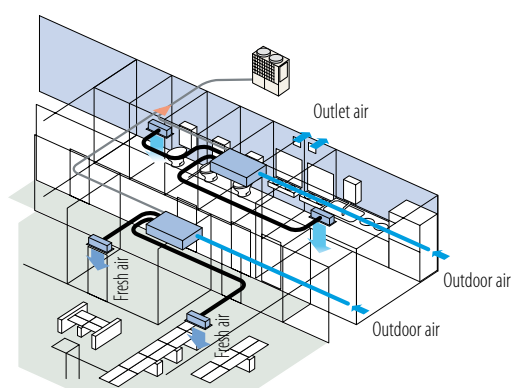
FDU 650~2400 FKXZE1

AIR CONDITIONING AND
OUTDOOR AIR INTAKE

The diagram below illustrates the integration of the FDU-F unit inside a KXZ system.



Note: Check the possible connections and limits of use on the technical documentation.



■ 4 capacities

(9.00~28.00 kW)

- Maximum compactness: only 28 cm (9.00~14.00 kW) and only 37.9 cm (22.40~28.00 kW)
- Max static pressure of fans: 200 Pa
- Automatic function "all-outside air" to save energy when the outdoor temperature drops below the set temperature.
- Can be connected to 8~60HP outdoor units except Micro Compact KXZ (4~6HP) and KXZ Smart

The compact design, the fan static pressure of 200 Pa and the lowest noise level on the market make the unit suitable for installation in environments designed to ensure comfort and relaxation.

Model		FDU 650 FKXZE1	FDU 1100 FKXZE1	FDU 1800 FKXZE1	FDU 2400 FKXZE1
Rated capacity (Cooling)	kW	9.00	14.00	22.40	28.00
Rated capacity (Heating)	kW	6.50	10.50	16.00	21.50
Power supply		220-240V~50Hz			
Power input (Cooling)	kW	0.24 - 0.25	0.35 - 0.36	1.16 - 1.20	1.16 - 1.20
Power input (Heating)	kW	0.24 - 0.25	0.35 - 0.36	1.16 - 1.20	1.16 - 1.20
Rated current (Cooling)	A	1.80 - 1.70	2.30 - 2.20	6.80 - 6.50	6.80 - 6.50
Rated current (Heating)	A	1.80 - 1.70	2.30 - 2.20	6.80 - 6.50	6.80 - 6.50
Sound power level	dB(A)	55	62	68	70
Sound pressure level	dB(A)	Hi 31	Hi 37	Hi 42	Hi 45
External dimensions (HxLxD)	mm	280 x 950 x 635	280 x 1370 x 740	379 x 1600 x 893	379 x 1600 x 893
Net weight	kg	34	54	89	89
Refrigerant circuit/Heat exchanger		Finned and internally grooved pipes			
Refrigerant control		Electronic expansion valve			
Air treatment/fan type & quantity		Centrifugal fan x 2		Centrifugal fan x 3	
Motor	W	130	100 + 200	130 + 350	130 + 350
Starting method		Direct in line			
Air flow (standard)	m³/h	Hi 660	Hi 1080	Hi 1800	Hi 2400
Static pressure	Pa	Max: 200	Max: 200	Max: 200	Max: 200
Air filter & quantity		To be found locally			
Shock & vibration absorption		Rubber vibration absorber (for fan motor)			
Thermal & acoustic insulation		Polyurethane foam			
Control devices		Wired control: RC-EX3, RC-E5, RCH-E3			
Ambient temperature control		Remote control kit: RCN-KIT4-E2			
Safety devices		Electronic thermostat			
		Thermal protection for the fan motor			
		Anti-frost protection thermostat			
		Liquid side Ø9.52 (3/8")			
Refrigerant pipings' diameter	mm (inch)	Gas side Ø15.88 (5/8")		Gas side Ø19.05 (3/4")	Gas side Ø22.22 (7/8")
Joining method		flare			to weld
Refrigerant		R410A			
Drain pump		Built-in			
Condensate drain		Can be connected with VP25			
Piping insulation		Necessary (on both sides. Liquid & Gas)			
Accessories included		Condensate drain pipe			