

# ALL-OUTSIDE AIR DUCTED

## Indoor units

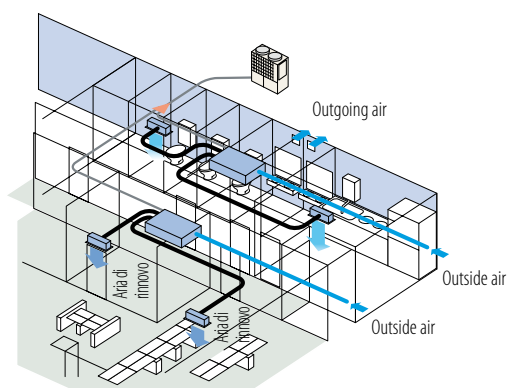
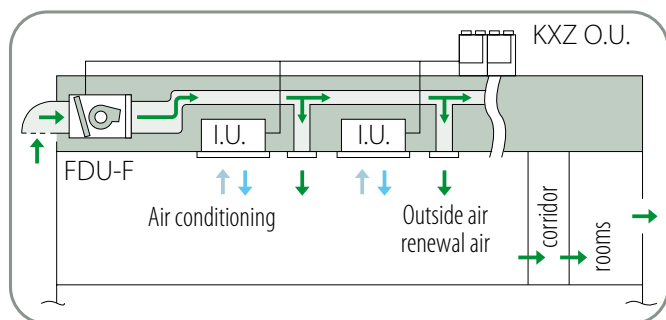


- **4 power sizes**  
(9.00~28.00 kW)
- Maximum compactness: only 28 cm (9.00~14.00 kW) and only 37.9 cm (22.40~28.00 kW)
- Max pressure head of fans: 200 Pa
- Automatic function "all-outside air" to save energy when the outdoor temperature drops below the set temperature.
- Can be connected to 8~60HP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

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.

The compact design, the fan head 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 650FKXZE1	FDU1100 FKXZE1	FDU 1800FKXZE1	FDU 2400FKXZE1
Nominal Cool. capacity	kW	9.00	14.00	22.40	28.00
Nominal Heat. capacity	kW	6.50	10.50	16.00	21.50
Power		220-240V~50Hz			
Cool. power consumption	kW	0.24 - 0.25	0.35 - 0.36	1.16 - 1.20	1.16 - 1.20
Heat. power consumption	kW	0.24 - 0.25	0.35 - 0.36	1.16 - 1.20	1.16 - 1.20
Rated current in Cool.	A	1.80 - 1.70	2.30 - 2.20	6.80 - 6.50	6.80 - 6.50
Rated current in Heat.	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	280x950x635	280x1370x740	379x1600x893	379x1600x893
Net weight	kg	34	54	89	89
Refrigerant circuit/Heat exchanger		Pipes finned and grooved internally			
Refrigerant control		Electronic expansion valve			
Air treatment/fan type and 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)	m³h	Hi 660	Hi 1080	Hi 1800	Hi 2400
Static pressure	Pa	Max: 200	Max: 200	Max: 200	Max: 200
Air filter and quantity		To be found locally			
Shock and vibration absorption		Rubber vibration absorber (for fan motor)			
Thermal and acoustic insulation		Polyurethane foam			
Control devices		Optional wired remote control RC-E5, optional RCH-E3, optional RCN-KIT4-E2, optional RC-EX3A, optional RC-EXZ3A			
Ambient temperature control		Remote control kit: RCN-KIT4-E2			
Safety devices		Electronic thermostat			
		Thermal protection for the fan motor			
		Anti-frost protection thermostat			
Diameter refrigerant pipes	mm (inch)	Liquid side ø9.52 (3/8")		Liquid side ø9.52 (3/8")	
Joining method		Gas side ø15.88 (5/8")		Gas side ø19.05 (3/4")	
Refrigerant		by flare fittings		by brazing	
Drain pump		R410A			
Condensate drain		Built-in			
Piping insulation		Connectable with VP25			
Accessories included		Necessary (on both sides, liquid and gas)			
Wi-Fi module		Condensate drain pipe			
		INWFIMH1001R000			