

Fresh Air DX Assembly SAF-DX

Model No.

SAF-DX250E6
SAF-DX350E6
SAF-DX500E6
SAF-DX800E6
SAF-DX1000E6



Drain up kit (option)
DXA-DU-E
(built-in type)

Remote control (option)

Wired



RC-E5

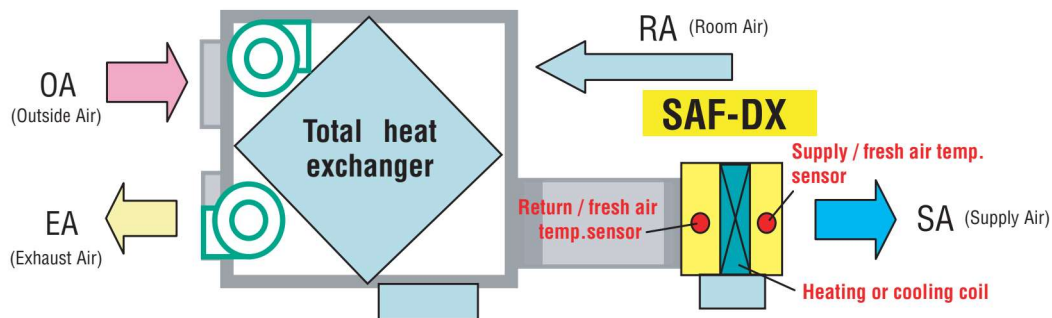
RCH-E3

Wireless



RCN-KIT4-E2

- SAF-DX is a heating or cooling coil incorporating KXZ series controls. It can be used in combination with our total heat exchanger. (SAF series)
- Combination of SAF-DX with other indoor units is possible. The capacity code index of each model is shown below and must be used when making the system selection. Total capacity code index must be within 100% of outdoor unit capacity code index.
- Remote control option is the same as other indoor units (see above). Connection to all Superlink controls is also possible.
- Optional condensate lift mechanism is also available (600mm height).
- Return air temp. control or supply air temp. control can be selected.



SAF-DX can provide heating or cooling to the fresh air supplied through a 3rd party air handling unit or total heat exchanger such as our SAF series.

Specifications

Item	Model	SAF-DX250E6	SAF-DX350E6	SAF-DX500E6	SAF-DX800E6	SAF-DX1000E6
Nominal cooling capacity *1	kW	2.0	2.8	3.6	5.6	6.3
Nominal heating capacity *2	kW	1.8	2.2	2.8	4.5	5.6
Capacity code		22	28	36	56	71
Power source		1 Phase 220-240V, 50Hz				
Power consumption	Cooling	W	7.2-7.2			
	Heating		7.2-7.2			
Running current	Cooling	A	0.05-0.05			
	Heating		0.05-0.05			
Exterior dimensions H x W x D	mm	315 x 452 x 422		315 x 537 x 422	315 x 682 x 422	315 x 822 x 422
Net weight	kg	12.3		13.6	16.1	18.4
Air flow (Standard)	m³/h	250	350	500	800	1000
Internal resistance	Pa	38	66			
Remote control(option)		wired: RC-E5, RCH-E3 wireless: RCN-KIT4-E2				
Installation data Refrigerant piping size	mm(in)	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")			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 at the following conditions.

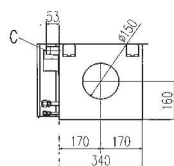
Item	Return/fresh air temperature		Outdoor air temperature		Standards
Operation	DB	WB	DB	WB	
Cooling*1	27°C	19°C	35°C	24°C	ISO-T1
Heating*2	20°C		7°C	6°C	

(2) This air conditioner is manufactured and tested in conformity with ISO-T1 "UNITARY AIR CONDITIONERS".

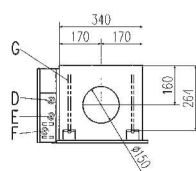
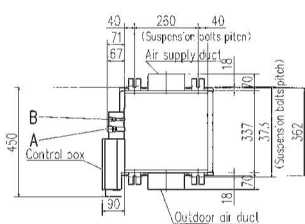
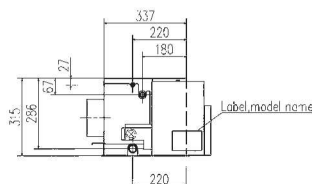
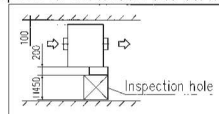
All measurements in mm.

SAF-DX500E6

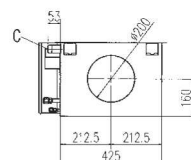
Symbol	Content
A	Gcs piping .. $\phi 9.52$ (3/8") (Flare)
B	Drain piping .. $\phi 6.35$ (1/4") (Flare)
C	Drain piping .. R1
D	Ille for power source ire
E	Wiring for total enthalpy heat exchanger
F	Ille for communication line
G	Supervisory cells M10



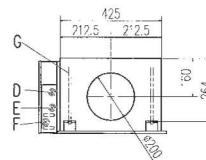
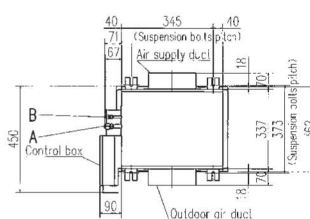
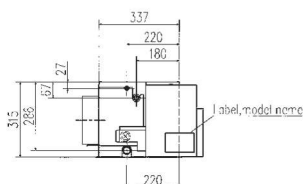
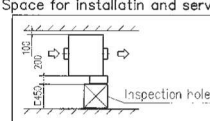
Space for installation and service



Symbol	Content
A	Gas piping
B	Liquid piping
C	Drain piping
D	Hole for power source line
E	Wiring hole for total energy heat exchanger
F	Hole for communication line
G	Suspension bolts

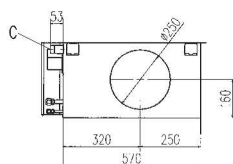


Space for installatin and service

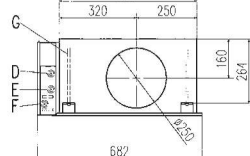
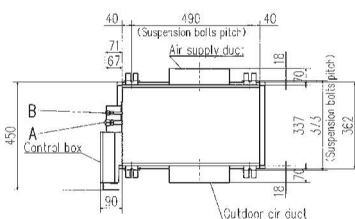
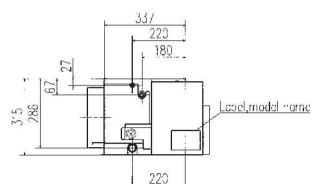
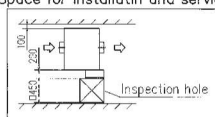


SAF-DX1000E6

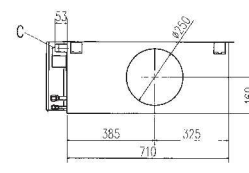
Symbol	Content
A	Gas piping
B	Liquid piping
C	Drain piping
D	Hole for power source line
F	Wiring hole for total enthalpy heat exchanger
F	Hole for communication line
G	Suspension bolts



Space for installatin and service



Symbol	Content
A	Gas piping
B	Gas piping
C	Drain piping
D	Hole for power source line
E	Wiring hole for total anthology test exchange
F	Hole for communication line
G	Exhaust hole



Space for installatin and service

