

AIR YINI

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EVI heat pump
Heating & cooling



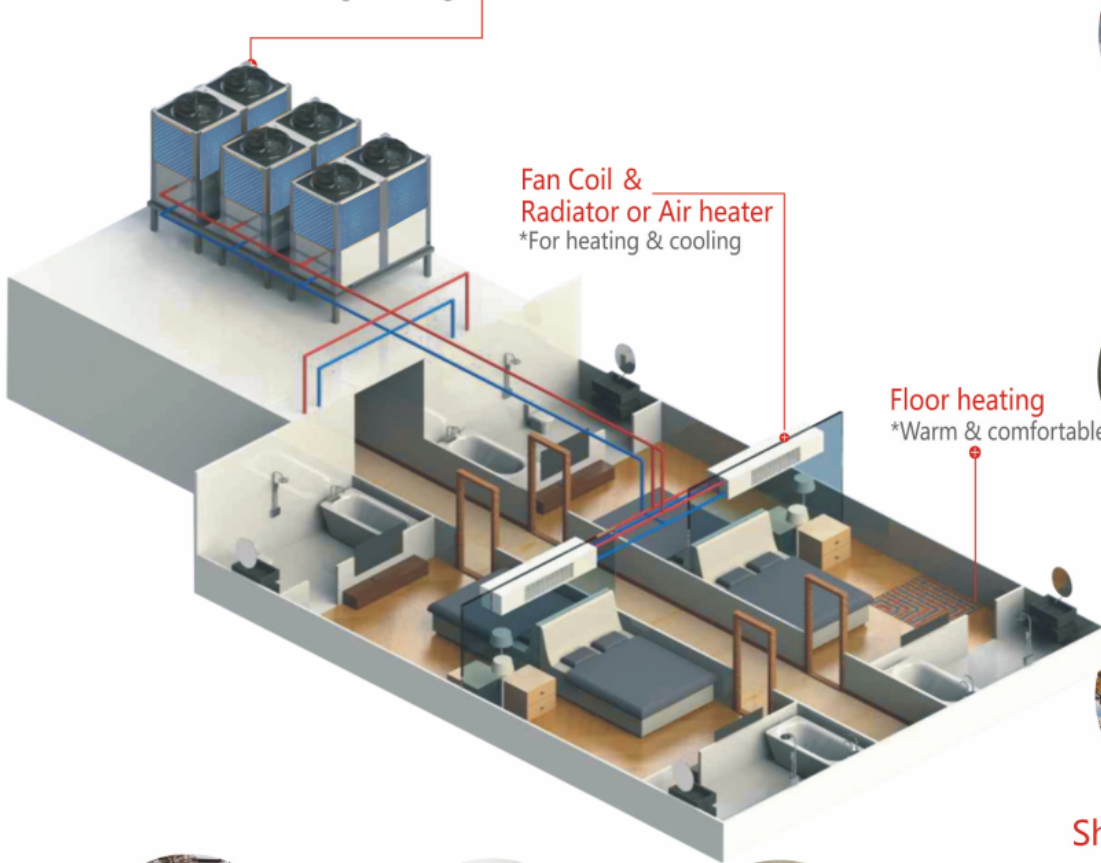
Foshan Yini Technology Co.,Ltd.

• EVI heating + Cooling heat pump (-35~+53°C)

EVI Heat pump (Cooling & Heating)

*Suitable for -35~ +53°C outdoor temp.

*For heating & cooling



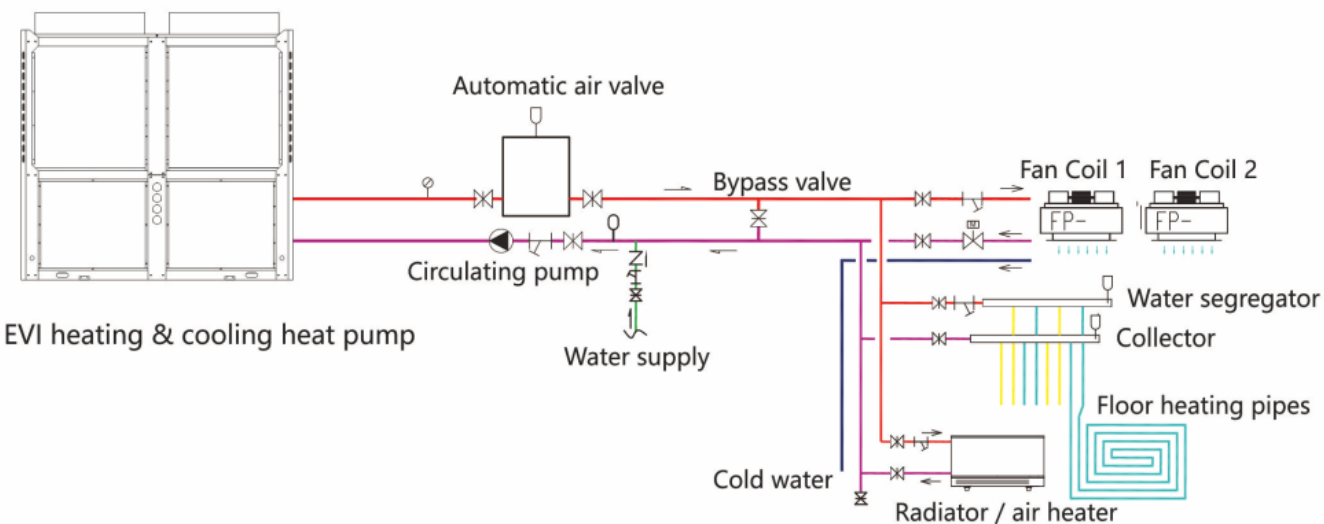
Villa



Hotel



Shopping mall



● Main parts

Fan

- Efficient blades optimized air duct design

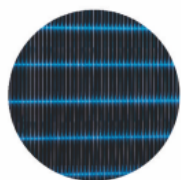


Motor

- Mute energy efficient

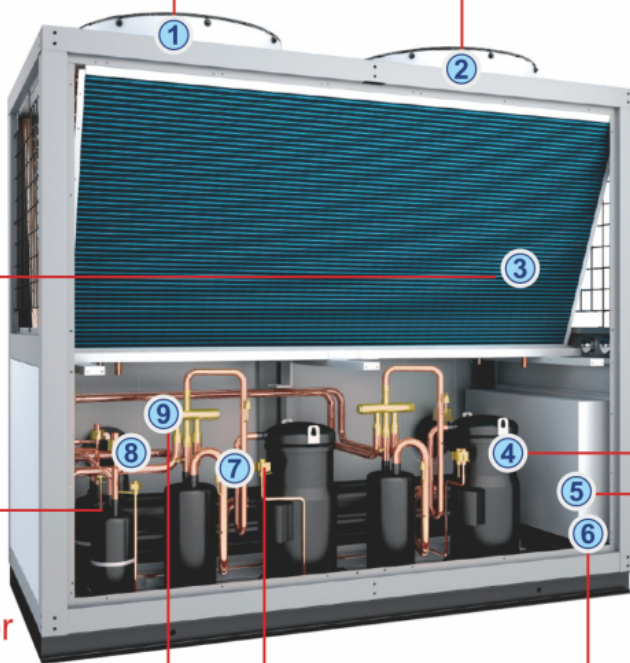


Compressor



High efficiency hydrophilic Aluminum foil fin evaporator

- Large amount of air inlet

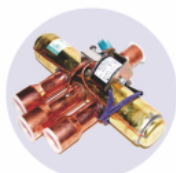


High-efficiency tank or plate heat exchanger



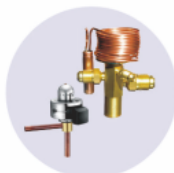
PC board

- Intelligent control



Four-way valve

- Fully automatic



EEV or TEV, Precise flow control

- Saginomiya, SANHUA etc.



Contactor

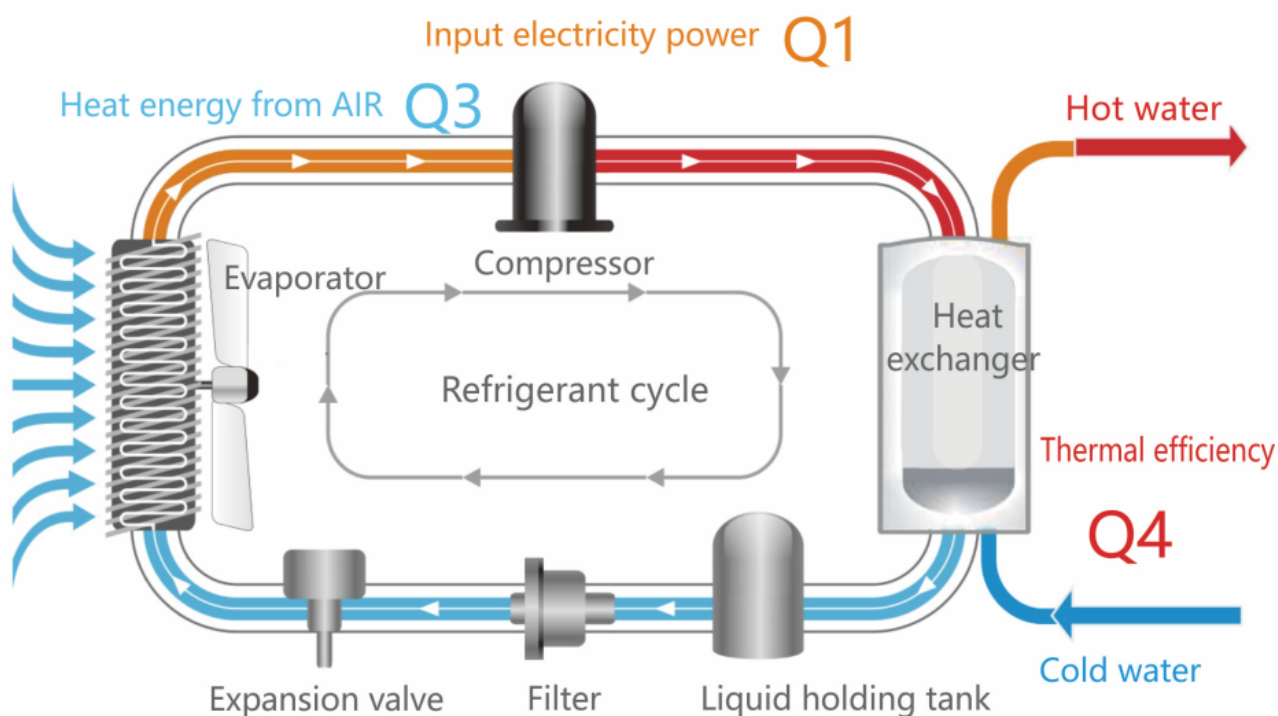
- Schneider



Intelligent controller display

- Human intelligent control
- Automatic power-off memory function
- Long wired distant control
- Automatic diagnose, error code for trouble
- Multiple timing function
- Available to inquiry any parameter
- Internet control support
- Convenient maintenance

● Work principle



$$Q3 + Q1 = Q4$$

Q1: Heat energy from AIR 1 κBт;
Q3: Tinput electricity power 3 κBт;
Q4: Thermal efficiency 4 κBт.

● Advantages

* Energy saving up to 80%

80% of the energy comes from the environment (air/water/ground)

* Safety

No danger of gas leakage, explosion or fire.

* Multi-function

Warm in winter, cool in summer.

* Environmental protection Comfort Convenient installation

● Specification

MODEL		YINI-200S-DCN	YINI-250S-DCN	YINI-300S-DCN	YINI-500S-DCN	YINI-600S-DCN	YINI-800S-DCN
Power supply		/	380V/3N/50Hz-60Hz				
Electric shock proof grade		/	Class I				
Protection grade		/	IPX4				
Heating capacity	A7W35/COP	KW/-	52/4.5	65/4.5	92/4.3	150/4.5	220/4.5
	A7W45/COP	KW/-	46/3.6	58/3.6	82/3.3	136/3.6	216/3.6
	A-7W45/COP	KW/-	32/2.6	41/2.6	62/2.6	90/2.6	165/2.6
	A-15W45/COP	KW/-	27/2.2	34/2.2	50/2.2	76/2.2	133/2.2
	A-20W45/COP	KW/-	24/2.0	30.2/2.0	43/2.0	66/2.0	114/2.0
Cooling capacity/COP		KW/-	42/3.0	53/3.0	70/2.8	130/2.8	180/2.8
Rated heating input power		KW	11.6	14.4	21.5	33.3	49
Rated cooling input power		KW	14	17.7	25	46.4	64
Max working current		A	33	42	59	109	151
Compressor	Type	/	Rotary/Scroll				
	Quantity	PCS	2				
Fan motor	Quantity	PCS	2				
	Max. water temperature	℃	60				
Water flow		L/h	8900	11100	15800	25800	30900
Refrigerant type/Weight		-/kg	R410/R32/R290				
Circulating pipe diameter		inch	G2.0"	G2.0"	G2.5"	G3.0"	G4.0"
Noise		dB(A)	65	68	68	69	70
Net weight		kg	800	850	950	1080	1200
Gross weight		kg	850	900	1000	1150	1320
Dimension (W×D×H)		mm	2100×1100×2000	2100×1100×2000	2100×1100×2000	2200×1130×2270	2400×1200×2650
Packing dimension (W×D×H)		mm	2260×1360×2270	2260×1360×2270	2260×1360×2270	2360×1360×2470	2460×1260×2800

- Remarks:
1. Rated heating conditions A7/W35 : outdoor air temp. 7℃ DB/6℃ WB, inlet water temp. 30℃, outlet water temp. 35℃.
 2. Rated cooling conditions A35/W7 : outdoor air temp. 35℃ DB/24℃ WB, inlet water temp. 12℃, outlet water temp. 7℃.
 3. Due to product improvement, above datas are subject to change without prior notice, please take the nameplate as standard.

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