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The Eco-Solution

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EVI low ambient temperature heat pump



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Sundez EVI heat pump is designed for house heating as well as domestic hot water in cold area such as North Europe and East Europe. With advanced EVI(Enhanced vapour injection) technology, Sundez EVI heat pump can work stably at extremely low ambient temperature with high COP. That means you can enjoy heat pump for a whole winter with low energy cost.



SDAW-075BEVI



SDAW-125BSEVI

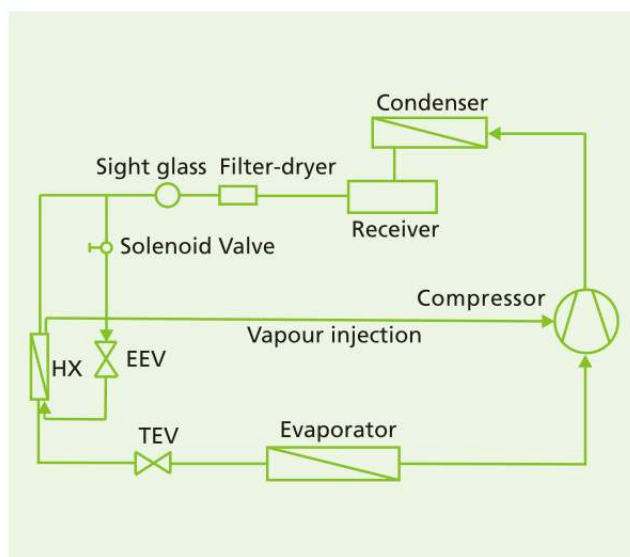


SDAW-250BSEVI

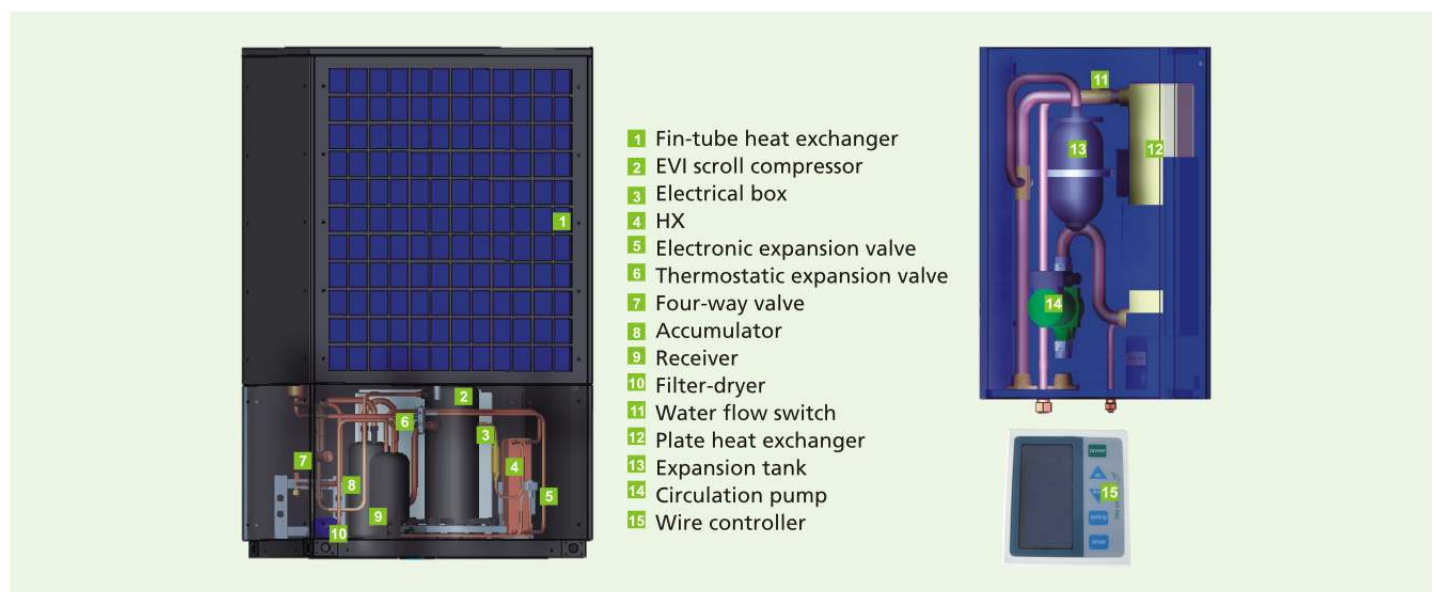
Features:

- Extended working range down to -25 °C ambient
- High COP at low ambient temperature (up to 2.5 even at -15 °C ambient)
- No water freezing problem with split design (water system inside the house)
- The outdoor unit is designed for anti-snow
- The indoor unit is designed for substituting traditional boilers easily, with luxurious facade
- EVI scroll compressor
- Using electronic expansion valve, achieving accurate, stable and high efficiency throttling
- Stainless steel plate heat exchanger as condenser
- Built-in WILO circulation pump and water flow switch
- Intelligent LCD touch key wire controller
- Four-way valve for automatic defrosting (cooling function optional)

System diagram



Key components



Performance data

Model		SDAW-075BEVI	SDAW-125BSEVI	SDAW-250BSEVI
Heating Capacity(A7/W35)	KW	11.8	17.0	34.0
Power Input(A7/W35)	KW	3.1	3.7	7.4
COP		3.8	4.5	4.5
Heating Capacity(A7/W45)	KW	11.7	16.5	33.0
Power Input(A7/W45)	KW	3.30	4.15	8.30
Heating Capacity(A-15/W35)	KW	7.3	11.0	22.0
Power Input(A-15/W35)	KW	3.00	4.38	8.76
COP		2.4	2.5	2.5
Heating Capacity(A-15/W45)	KW	7.6	11.5	23.0
Power Input(A-15/W45)	KW	3.40	4.79	9.58
Power Supply	V/Ph/Hz	220~240/1/50	380~400/3/50	380~400/3/50
Start Current	A	25	41	41
Running Current	A	13.4	7.7	15.7
Water Flow Volume	Ton/hour	1.7	2.7	5.6
Circulation Pump		Built-in	Built-in	no
Water Pressure Drop	KPa	10	10	15
Compressor Style		EVI Scroll	EVI Scroll	EVI Scroll
Refrigerant		R407C	R407C	R407C
Water Connection		1" F	1" F	1-1/2" F
Net Dimension(L×W×H)	mm	1140×510×1150(outdoor) 740×410×220(indoor)	920×600×1590 (outdoor) 740×410×220(indoor)	1510×570×1600
Net Weight	kg	144(outdoor)30(indoor)	202(outdoor)34(indoor)	300
Noise Level	dBA	55(outdoor) 29(indoor)	55(outdoor) 29(indoor)	58
Workable ambient temperature	°C	-25~35	-25~35	-25~35
Maximum Hot Water Temp.	°C	55	55	55

Test Condition(EN14511): A7/W35: Ambient Temp. DB/WB 7/6°C, Hot water outlet Temp. 35°C.

Sundez reserves the right to modify or change its products without prior notice.

Importør DK
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