

ECO HOME SERIES

EVI DC INVERTER HEAT PUMP
Split Type



WiFi



-30°C 
AMBIENT TEMPERATURE

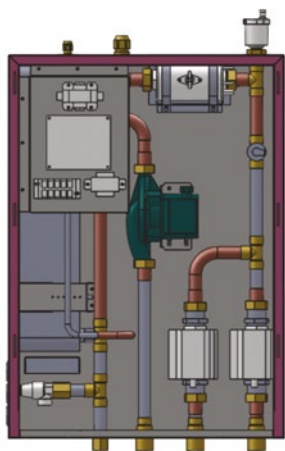
Only Heating
Only Cooling
Only DHW

Heating+DHW
Cooling+DHW

ECO HOME SERIES



The ECO HOME SERIES Split EVI DC Inverter unit is designed especially for the European market where there is a demand for Space Heating/Cooling+Hot Water. This unit can realize space heating& sanitary hot water supply through terminal units, like the fan coil, floor heating, radiator, etc. It is widely applicable to small & medium-sized apartments, large-sized villas, etc.



STANDARD EQUIPMENT



Plate Heat exchanger



Flow sensor



Built-in Circulation Pump



Built-in Auxiliary E-Heater



Built-in safety valve



exhaust valve



Built-in 2 pcs of 2 Way valve (Honeywell)



Linkage switch



MONOBLOCK HEAT PUMP APPLICATION SCENARIO



Model	3E040-DKZLRS-C	3E060-DKZLRS-C
Heating working condition: Inlet water temperature 30°C, Outlet water temperature 35°C, Dry bulb temperature 7°C, Wet bulb temperature 6°C.		
Heating capacity range (kw)	6.5~12.6	10.5~22
Heating input range (kw)	1.41~2.99	2.27~5.2
Current range (A)	6.45~13.70	4.06~9.30
Cop range	4.21~4.62	4.23~4.63
Cooling working condition: Inlet water temperature 12°C, Outlet water temperature 7°C, Dry bulb temperature 35°C, Wet bulb temperature 24°C.		
Cooling capacity range (kw)	4.2~8.9	7.2~14.2
Cooling input power (kw)	1.3~3.3	2.17~5.55
Current range (A)	5.93~15.3	3.88~9.93
Eer range	2.46~3.23	2.56~3.32
DHW working condition: Inlet water temperature 15°C, Outlet water temperature 55°C, Dry bulb temperature 7°C, Wet bulb temperature 6°C.		
Heating capacity range (kw)	5.5~ 10.5	8.8~17.5
Heating input range (kw)	1.42~3.42	2.4~5.61
Current range (A)	6.51~15.7	4.01~10.0
Cop range	3.07~3.86	3.12~3.93
Erp level (35°C)	A+++	A+++
Erp level (55°C)	A++	A++
Refrigerant	R32	
Power supply	230V/1Ph/50-60Hz	380V/3Ph/50-60Hz
Working area	-30~43°C	
Water circulation (m³/h)	2.1	3.5
Water pressure drop (kpa)	25	30
Ip grade (level of protection)	IPX4	IPX4
Anti-electric shock rate	I	I
Noise (dB(A))	≤53	≤58
Net weight / Gross weight (kg)	90/100	140/155
Water connection (inch)	1 (DN 25)	
Body size (W*D*H) (mm)	1030 x 475 x 970 / 700 x 500 x 272	1000 x 480 x 1380 / 700 x 500 x 272
Operating water temperature (°C) DHW	20~55°C	
Operating water temperature (°C) Heating	20~55°C	
Operating water temperature (°C) Cooling	5~35°C	
Water head (m)	9 m	12 m
Electric heater (kw)	3	
Expansion Tank (L)	2 L	5 L
Compressor Brand	Panasonic	
Four - wan valve	Sanhua	
Expansion valve	Sanhua	
Electric 2-way valve	Honywell	
Water Pump Brand	Factory equipment	

Note:

The data above is for reference only,
Please refer to the nameplate on the unit if for more specific data.

A modern house with solar panels on the roof and a green tint overlay. The house has a large glass front and a wooden deck. A green air conditioning unit is visible on the lawn in front of the house.

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