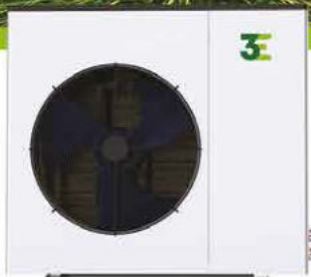
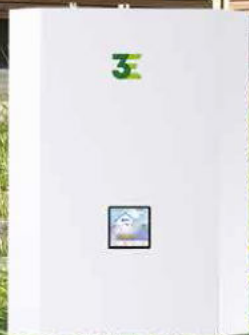


ECO HOME SERIES

EVI DC INVERTER HEAT PUMP

Split pump



-30°C 

AMBIENT TEMPERATURE

Heating
Cooling
DHW

DHW heating
DHW cooling

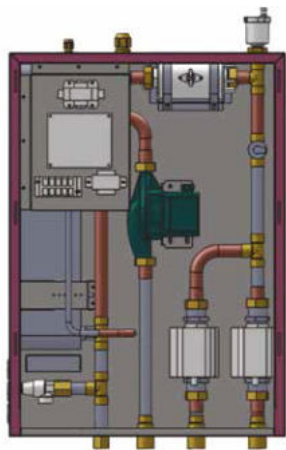
ECO HOME SERIES



The ECO HOME Series inverter heat pump, split type (Split) EVI DC dedicated to the European market has been designed with the special climate requirements of the region in mind.

The design takes into account both space heating/cooling and domestic hot water requirements.

The 3E heat pump provides space heating as well as heating and sanitary water supply by means of a hydraulic module that enables operation with, among other things, underfloor heating, radiators, fan coil units and other available systems.



STANDARD EQUIPMENT



Heat exchanger (Plate)



Float sensor



Integrated heat circulation pump



Integrated auxiliary water heater



Integrated safety valve



Exhaust valve



Built-in 2 pcs. 2-way inlet/outlet valve (Honeywell)



Controller

USE OF A SPLIT PUMP



Model	3E040-DKZLRS-C	3E060-DKZLRS-C
Operating conditions in cooling mode: flow water temperature 12°C, return water temperature 7°C, dry thermometer temperature 35°C / wet thermometer temperature 24°C.		
Heating capacity range (kw)	6.5~12.6	10.5~22
Electric power range in heating mode (kW)	1.41~2.99	2.27~5.2
Current range (A)	6.45~13.70	4.06~9.30
Coefficient of performance range (COP)	4.21~4.62	4.23~4.63
Operating conditions in cooling mode: flow water temperature 12°C, return water temperature 7°C, dry thermometer temperature 35°C / wet thermometer temperature 24°C.		
Cooling capacity range (kw)	4.2~8.9	7.2~14.2
Electric power range in cooling mode (kW)	1.3~3.3	2.17~5.55
Current range (A)	5.93~15.3	3.88~9.93
Energy efficiency ratio range (EER)	2.46~3.23	2.56~3.32
DHW operating conditions: Flow water temperature 15°C, Return water temperature 55°C, Dry thermometer temperature 7°C / wet thermometer 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
Coefficient of performance range (COP)	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
Operating ambient temperature	-30~43°C	
Circulating water flow (m3/h)	2.1	3.5
Water pressure drop (kpa)	25	30
IP degree (protection level)	IPX4	IPX4
Protection against electrical shock	I	I
Sound level (dB(A))	≤53	≤58
Net / gross weight (kg)	90/100	140/155
Water connection (inches)	1 (DN 25)	
Housing dimensions (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	
4-way valve	Sanhua	
Expansion valve	Sanhua	
2-way electric valve	Honywell	
Brand of water pump	factory equipment	

Warning:

The above data is for information purposes only.
For detailed model data, please refer to the unit's rating plate.



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