



**GROHOD Split Inverter EVI Heat Pump**



The unit adopts variable speed compressor with EVI technology which is an effective solution to the conventional compressor issue of poor efficiency and performance at low ambient temperatures. Coupled with double electric expansion valve, the unit offers an improved and stable heating performance at all time.



By applying evolutionary inlet/outlet water control system in precise temperature control, the unit ensures a more stable outlet water and lower power consumption.



The breakthrough solution for operational noise control lies in the combination of big fan ventilation design and DC motor speed controller which can adjust the air volume according to the requirement.



Indoor and outdoor split unit design can effectively protect the water system from freezing damage during winter, meanwhile, add to easier and more flexible installation.

## Nine-button touch screen



Water Pump Electric heating Four-way valve

## Parameters

Model		GH-HPS20E	
Heating Capacity Range	kW	6.0~20.0	
Heating Power Input Range	kW	1.5~7.0	
Cooling Capacity Range	kW	6.0~15	
Cooling Power Input Range	kW	1.5~7.0	
Frequency	Hz	20~80	
ErP Level (35°C)	/	A++	
Power Supply	/	220~240V/50Hz	
Electric Heater	kW	/	
Max. Running Current	A	32	
Refrigerant	/	R410A	
Compressor Brand	/	Panasonic	
Water Pump	/	Grundfos	
Water Connection	inch	1	
Fan Motor (DC or AC)	m	DC	
EEV Brand	/	Sanhua	
Pressure Sensor 1	Bar	0~20	
Pressure Sensor 2	Bar	0~45	
Noise	dB(A)	50	38
Net weight	kg	133	60
Gross Weight	kg	153	72
Net Dimension (L/W/H)	mm	900*390*1390	440*345*750
Shipping Dimension (L/W/H)	mm	930*430*1400	835*525*430
Operation Ambient Temp.	°C	-35~53	

The above data is tested under:

Heating: Ambient Temp.(DB/WB): 7°C/6°C, Water Temp.(In/Out): 30°C/35°C.

Cooling: Ambient Temp.(DB/WB): 35°C/24°C, Water Temp.(In/Out): 12°C/7°C.