

ECOPOWER SERIES GROHOD



HEAT PUMP FOR
AIR CONDITIONING,
HEATING AND
HOT WATER SUPPLY



A+++

R290
FREON

70°C

HEAT PUMP FOR AIR CONDITIONING, HEATING AND HOT WATER SUPPLY

Optimized airflow and heat transfer to reduce noise and increase efficiency

Optimized copper circuit design to prevent leakage

The maximum outlet water temperature is 70°C

Sound pressure control

Water and gas temperature indicators are monitored in real time by protecting the plate heat exchanger

Plate heat exchanger with distributor inside which allows to provide each water channel with an identical stream and reduces risk of freezing

Flow relay and circulation pump protect the heat pump from insufficient flow through the heat exchanger

When ambient temperature is too low-defrosting doesn't activated in order to prevent freezing of heat exchanger



Model		GH-HPMP09M	GH-HPMP15E	GH-HPMP15M	GH-HPMP22E	GH-HPMP22M
Cooling capacity	kW	1,20–5,72	3,60–10,50	3,60–10,50	4,20–15,00	4,20–15,00
Heating capacity	kW	3,10–8,90	5,40–14,95	5,40–14,95	8,00–22,00	8,00–22,00
Power input for cooling	kW	0,65–2,40	1,12–4,47	1,12–4,47	1,80–7,30	1,80–7,30
Power input for heating	kW	0,65–2,10	1,05–3,85	1,05–3,85	1,60–6,90	1,60–6,90
Max. power input	kW	3,0	5,3	5,3	7,5	9,0
Max. current	A	13,5	24,5	10,5	35,0	15,8
Energy efficiency class		A+++				
Power supply		220–240V/50Hz/1Ph	220–240V/50Hz/1Ph	380–415V/50Hz/3Ph	220–240V/50Hz/1Ph	380–415V/50Hz/3Ph
Compressor type		Rotary				
Circulation pump		DC				
Number of fans		1	1	1	2	2
Sound pressure (1m)	dB(A)	42	43	44	47	47
Heating supply connection	inch	1				
Max. heating supply temperature	°C	75				
Heat exchanger resistance	kPa	20	20	20	65	65
Circulation pump pressure	m	7,5	7,5	7,5	12,5	12,5
Refrigerant /charge volume	kg	R290/0,50	R290/0,85	R290/0,85	R290/1,30	R290/1,30
Operating temperature	°C	-25...+43				
Dimensions (WxDXH)	mm	1167×407×795	1287×458×928	1287×458×928	1250×540×1330	1250×540×1330