ECOPOWER SERIES

Cooper&Hunter

HEAT PUMP FOR
AIR CONDITIONING,
HEATING AND
HOT WATER SUPPLY

A+++ R290 FREON 70°C

cooperandhunter.com

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- 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 i order to prevent freezing of heat exchanger

Model		CH-HP9.0UIMPZK	CH-HP15IUMPZK	CH-HP15UIMPZM	CH-HP22UIMPZK	CH-HP22UIMPZM
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 heatling	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 conection	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	1287x458x928	1287x458x928	1250×540×1330	1250×540×1330