

Model		CH-HP09UIMPZK	CH-HP15UIMPZK	CH-HP15UIMPZM	CH-HP22UIMPZM
HEATING MODE (T OUTSIDE (DB / WB): 7/6 ° C, T WATER 30/35 ° C)					
Heating capacity	kW	3.10 ~ 8.90	6.6 ~ 14.95	5.40 ~ 14.95	8.00 ~ 22.00
Current consumption in heating mode	kW	0.65 ~ 2.10	1.21 ~ 3.29	1.05 ~ 3.85	1.60 ~ 6.90
COOLING MODE (T EXTERNAL (DB / WB): 35/24 ° C, T WATER 12/7 ° C)					
Cooling capacity	kW	1.20 ~ 5.72	3.33 ~ 10.10	3.60 ~ 10.50	4.20 ~ 15.00
Current consumption in cooling mode	kW	0.65 ~ 2.40	1.0 ~ 3.88	1.12 ~ 4.47	1.80 ~ 7.30
DHW HEATING MODE- EXTERNAL T (DB / WB): 20/15 ° C, T WATER 15/55 ° C					
DHW heating capacity	kW	3.92 ~ 10.68	7.52 ~ 19.1	6.50 ~ 18.50	10.00 ~ 27.00
Current consumption in the DHW heating mode	kW	0.78 ~ 2.47	1.39 ~ 3.82	1.27 ~ 4.65	1.90 ~ 7.10
ErP Level (35 ° C)	/	A +++	A +++	A +++	A +++
ErP Level (55 ° C)	/	A +++	A +++	A +++	A +++
SCOP (35 ° C)	/	5.22	5.13	5.15	5.13
SCOP (55 ° C)	/	3.84	3.97	3.96	3.84
ηs, h (35 ° C)	/	204.9	201.5	202.5	201.8
Annual electricity consumption (35 ° C)	kWh / year	1970	3823	3748	5086
ηs, h (55 ° C)	/	150.1	155.5	155.1	150.3
Annual electricity consumption (55 ° C)	kWh / year	2575	4710	4844	6674
Factor	/	R290	R290	R290	R290
GWP	/	3	3	3	3
The amount of factor	kg	0.50	0.85	0.85	1.3
Power	/	1 ph / 220-230V ~ / 50 Hz	1 ph / 220-230V ~ / 50 Hz	380 ~ 415V / 3N ~ / 50Hz	380 ~ 415V / 3N ~ / 50Hz
Electric heater	/	option	option	option	option
Compressor type	/	Rotary	Rotary	Rotary	Rotary
Control type	/	Inverter	Inverter	Inverter	Inverter
Circulation pump	/	Grundfos	Grundfos	Grundfos	Grundfos
Water connection	inch	1	1	1	1
Water flow	m ³ / h	1.0	1.7	1.7	2.9
Circulation pump pressure	m	7.5	7.5	7.5	12.5
Acoustic pressure (1 m)	dB (A)	42	44	44	47
Sound power (according to EN12102)	dB (A)	57	58	58	62

Libra	kg	80	160	160	202
Net dimensions (LxWxH)	mm	1167x407x795	1287x458x928	1287x458x928	1250x540x1330
Gross dimensions (LxWxH)	mm	1300x485x940	1420x540x1080	1420x540x1080	1380x570x1480
Pressure loss on the heat exchanger	kPa	40	45	45	65
Max. outlet temperature at -25 ° C outside	° C	60	60	60	60
Temperature operating range	° C	-25-43	-25-43	-25-43	-25-43
Max. flow temperature	° C	75	75	75	75