

SPECIFICATIONS - AQUAHEAT HEAT PUMPS

	REHP-R32PL-9	REHP-R32PL-13	REHP-R32PL-21	REHP-R32PL-28	REHP-R32PL-35
PERFORMANCE CONDITION:		Air 27°C/ Water 27°C/ Humid. 80%			
Heating capacity (kW)	9.0	13.0	20.8	27.8	35.0
COP Range	14.0~7.1	14.5~7.0	14.6~7.0	15.8~7.2	15.3~7
Average COP at 50% speed	10.4	10.4	10.9	11.0	10.6
PERFORMANCE CONDITION:		Air 15°C/ Water 26°C/ Humid. 70%			
Heating capacity (kW)	6.5	8.9	14.3	18.8	24.0
COP Range	7.3~4.7	7.5~4.9	6.9~4.9	7.8~4.9	7.5~5.0
Average COP at 50% speed	6.4	6.3	6.5	6.5	6.6
TECHNICAL SPECIFICATIONS					
Advised pool volume (m ³)*	20~45	35~65	50~95	60~120	85~160
Operating air temperature (°C)	-10°C ~ 43°C				
Compressor	Twin-rotary Mitsubishi DC Compressor				
Heat exchanger	Twisted Titanium Heat Exchanger				
Power supply	230V 1Ph	230V 1Ph	230V 1Ph	230V 1Ph	400V 3Ph
Rated input power (kW)	0.19~1.38	0.26~1.80	0.38~2.92	0.5~3.84	0.65~4.80
Input power at 50% speed (kW)	0.51	0.70	1.10	1.45	1.82
Rated input current (A)	0.83~5.98	1.13~7.83	1.65~12.70	2.17~16.70	0.94~6.96
Maximum input current (A)	8.5	12	17	20	10.5
Power cord (mm ²)	3 x 2.5	3 x 2.5	3 x 4	3 x 6	5 x 2.5
Sound level at 1m dB(A)	36.8~46.2	40.1~48.7	38.9~52.2	41.5~52.9	40.6~52.6
Sound level 50% at 1m dB(A)	39.4	43.7	44.4	46.4	46.1
Sound level at 10m dB(A)	16.8~26.1	20.1~28.7	18.9~32.2	21.5~32.9	20.6~32.6
Advised water flux (m ³ /h)	2~4	4~6	8~10	10~12	12~18
Water connection (mm)	50	50	50	50	50
Net weight (kg)	55	59	74	94	N/A
Net dimension LxWxH (mm)	890 x 440 x 658	890 x 440 x 658	1060 x 440 x 758	1060 x 440 x 958	1310 x 527 x 990
Qty per 20FT / 40HQ (sets)	78/174	78/174	48/150	48/100	32/64

The data above is only a reference, for specific data, please refer to the nameplate on the unit. Advised pool volume applies to a private pool with isothermal cover, from April to September.

WARRANTY: Heat exchanger – 25 years. Spare parts – 4 years. Labor – 1 year