

R290 SWIMMING POOL HEAT PUMP SPECS

Model	AX23-40CP
Advised pool volume (m ³)	25~55
Operating air temperature (°C)	-20~43
Performance Condition: Air 26°C, Water 26°C, Humidity 80%	
Heating capacity (kW) in Turbo mode	11.8
Heating capacity (kW) in Smart mode	8.8
COP	23.0~7.7
COP at 50% capacity	14.7
Performance Condition: Air 15°C, Water 26°C, Humidity 70%	
Heating capacity (kW) in Turbo mode	8.3
Heating capacity (kW) in Smart mode	6.2
COP	8.6~5.5
COP at 50% capacity	7.4
Performance Condition: Air 7°C, Water 26°C, Humidity 90%	
Heating capacity (kW) in Turbo mode	6.7
COP	6.9~4.8
Performance Condition: Air 35°C, Water 28°C, Humidity 80%	
Cooling capacity (kW) (Optional)	5.4
Sound pressure at 1m dB(A)	38.1~45.4
Sound pressure of 50% capacity at 1m dB(A)	39.1
Sound pressure at 10m dB(A)	18.1~25.4
Compressor	Twin-rotary DC-inverter
Heat exchanger	Lightning heat exchanger
Casing	Aluminum-alloy Casing
Power supply	230V~/1Ph/50Hz
Rated input power at air 26°C (kW)	0.08~1.54
Rated input current at air 26°C (A)	0.35~6.7
Rated input power at air 15°C (kW)	0.14~1.52
Rated input current at air 15°C (A)	0.61~6.61
Advised water flux (m ³ /h)	2~4
Water pipe in-out size (mm)	50
Net Dimension LxWxH (mm)	923×427×661
Net Weight(kg)	67
Qty per 20'FT/40'HQ(sets)	79/168
Gas(g)R290	750

COP23

R290



iGarden

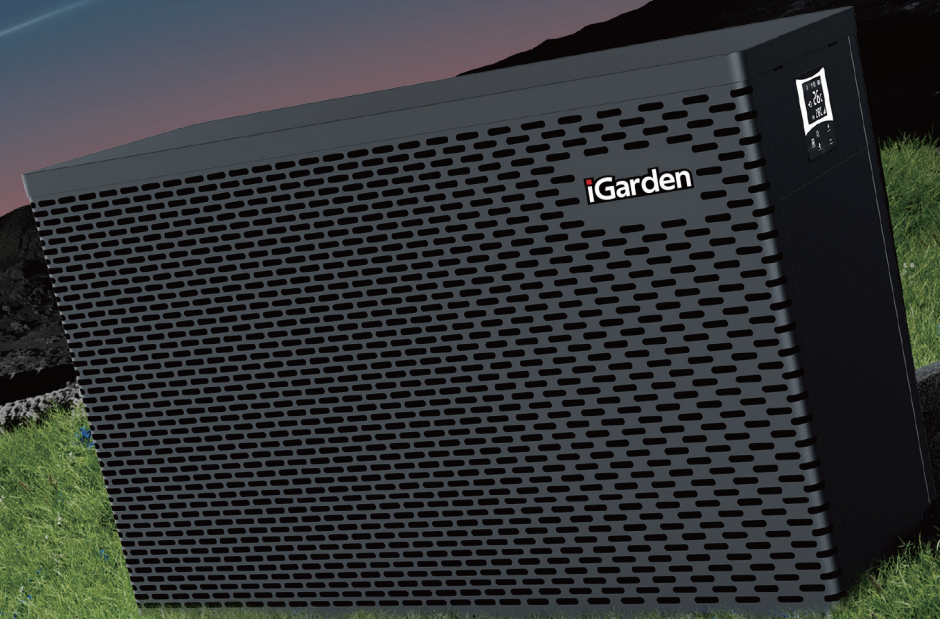
* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;
 * The final specs will be in accordance with the specs on the product.



BEST
COP 23

BEST
130%
TurboSilence

BEST
200X ECO



TurboSilence 23