

HEAT PUMPS

POOL

Swimming pool pump

The Heiko POOL heat pumps are devices that can be connected directly to the process circuit of swimming pool water. They are installed near a swimming pool and they can both heat or cool the water. The heat pumps have a condenser, which is resistant to chlorinated or salt water. They are equipped with a panel for quick and easy control. The Heiko POOL heat pumps are a perfect solution not only for home pools, but also wherever precise control of water temperature is necessary.



R32 refrigerant

The R32 refrigerant used in the heat pumps makes them far more efficient than the appliances operating on the commonly used R410A refrigerant.



Smart controller

The integral smart controller enables quick and easy operation through the panel placed directly on the heat pump.



Low power consumption

Innovative solutions enabled a significant reduction of energy consumption.

CONDENSER

RESISTANT
AGAINST CHLO-
RINATED AND
SALT WATER

DIRECT

CONNECTION TO
WATER PROCESSING
CIRCUIT





Model			HEIKO POOL 5	HEIKO POOL 7	HEIKO POOL 9	HEIKO POOL 11	HEIKO POOL 15
Outdoor sound power level		dB(A)	50	51	52	54	54
Special precautions	See the Installation and Service Manuals before attempting the installation.						
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air temperature 26°C/Water temperature 26°C	Capacity	kW	7,2	9,5	13,0	14,7	19,8
	COP	-	13,6	14,0	16,4	16,5	16,7
Air temperature 15°C/Water temperature 26°C	Capacity	kW	5,4	6,7	8,7	10,8	14,7
	COP	-	6,5	6,6	7,8	7,7	7,9
Current protection control		A	16	16	16	20	20
Power supply of the electric heaters		mm ²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 4	3 x 4
Dimensions of the outdoor unit (W x H x D)	net/gross		848x375x643/ 888x396x798	848x375x643/ 888x396x798	848x375x643/ 888x396x798	932x375x643/ 968x396x798	1129x395x743/ 1166x416x898
Outdoor unit weight		kg	41.5 / 43	43 / 45	47.5 / 50	54.5 / 57	68 / 72
Compressor	Type		Hermetic Rotary DC Inverter Compressor				
Refrigerant connections (liquid/gas)			15 ~ 30	22 ~ 43	30 ~ 56	34 ~ 68	45 ~ 85
Max pool volume (m ³)*							
Compressor manufacturer			GMCC	GMCC	GMCC	MITSUBISHI	GMCC
Refrigerant	Type / amount of gas	kg	R32 / 0.45	R32 / 0.45	R32 / 0.6	R32 / 0.65	R32 / 1
Expansion valve			Electronic				
Recommended operating range	Cooling	°C	-7 ~ 43	-7 ~ 43	-7 ~ 43	-7 ~ 43	-7 ~ 43
	Heating	°C	-7 ~ 43	-7 ~ 43	-7 ~ 43	-7 ~ 43	-7 ~ 43
Water side heat exchanger	Type		Titanium heat exchanger				
Water-side connection	Type	mm	PVC 50				
Outlet water temperature range	Cooling	°C	15 ~ 40	15 ~ 40	15 ~ 40	15 ~ 40	15 ~ 40
	Heating	°C	8 ~ 28	8 ~ 28	8 ~ 28	8 ~ 28	8 ~ 28

* Calculated for an in-ground private swimming pool covered with a bubble cover.