

HEAT PUMPS FOR POOLS

HEAT PUMP NEOHEAT POOL

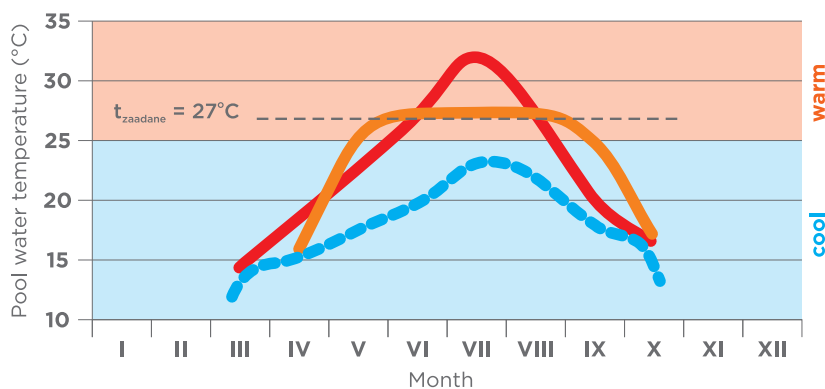
nesheat

HEAT PUMP NEOHEAT POOL

NEOHEAT POOL 5

The air/water heat pump with the power of 5.4 kW is designed for direct connection to the process circuit of swimming pool water. The pump is installed outdoors near the pool and it is very easy to disassemble the pump once the season is over. It can be used for both water heating and cooling, if necessary. The pool pump can be controlled with a panel located on the device.

POOL WATER HEATING DEVICE



Overview of the temperature changes of swimming pool water in the season of use

Heat pump Solar installation No heating

BENEFITS

- Ecological R32 refrigerant
- Chlorinated and salt water resistant condenser
- Smart controller
- Cooling
- Photovoltaic system compatibility



SERIES NAME		NEOHEAT POOL
TYPE		5,4 kW
Heating capacity*	kW	5,10
Heat pump power*	kW	0,96
COP*	-	5,31
Voltage/power supply frequency	V~/Hz	220-240 / 50
Compressor type	-	rotary
Fan power	W	90
Required water flow rate	m ³ /h	2,2
Max. pressure drop in the condenser	kPa	2,5
Water connections	mm	50
Max. operating pressure of the heating medium	MPa	4,4
Refrigerant, quantity	kg	R32 0,40
Sound power level	dB(A)	50
Net dimensions (W × D × H)	mm	800 × 340 × 575
Dimensions with packaging (W × D × H)	mm	846 × 360 × 590
Net weight	kg	37
Weight with packaging	kg	47

* acc. to EN 14511 for A24/19 deg. C W26 deg. C

Minimum possible water temperature in cooling mode = 9°C
 Maximum possible water temperature in heating mode = 40°C
 Heat pump outdoor operating temperature range -7°C to 43°C

NOTE!

The water temperature in the condenser must not fall below 0°C.
 If the water freezes in the condenser, the condenser will be permanently damaged.