

Pool Heating - Heat Pumps

The latest advancement in swimming pool heating, ElectroHeat Heat Pumps are an energy efficient way to heat your swimming pool or spa. ElectroHeat produces up to 5 times more heat energy than the electrical energy it consumes.



Extra Large Evaporator Area (ElectroHeat Plus)

ElectroHeat Plus has an extra large evaporator allowing it to collect more heat from the outside air.



Weather proof ABS Cabinet

The ElectroHeat's cabinet is constructed from UV treated, corrosion proof ABS, enabling the ElectroHeat to withstand most weather conditions.



Automated Controls

Simply program your desired pool water temperature and let the ElectroHeat do the rest.

Protection devices have been built into the heater for ease of operation and to increase the durability of the product.

- **Auto defrost control** to eliminate frost on the evaporator in cold temperature conditions.
- **Auto Flow switch** to switch off the system when there is no water flow.
- **High /low pressure auto reset** to shut the system and compressor in the event of low or high pressure.
- **Compressor protection via time delay** – A time delay is incorporated into the system, allowing the refrigerant pressures to equalise before the compressor starts/ restarts.



Environmentally friendly refrigerant

ElectroHeat products use the R410A refrigerant, a high thermodynamic performance coolant that is environmentally friendly and totally harmless to the ozone layer. This coolant is in accordance with the Montreal protocol and will not harm the ozone layer.



The plumbing connections are 50mm / 1 1/2" UPVC half unions for easy plumbing.



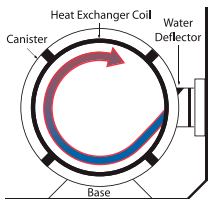
Titan double coil heat exchanger:

With much greater surface area and longer contact time, this Waterco innovation allows higher heat transfer, thus delivering some of the highest efficiencies in its class. A Titanium Heat Exchanger offers total protection against erosion and corrosion. Titanium metal's corrosion resistance is due to a stable, protective, strongly adherent oxide film. This film forms instantly when a fresh surface is exposed to air or moisture. Titanium is resistant to: chlorinated water, ozone, iodine, Baquacil, bromine and salt water.



Scroll compressor

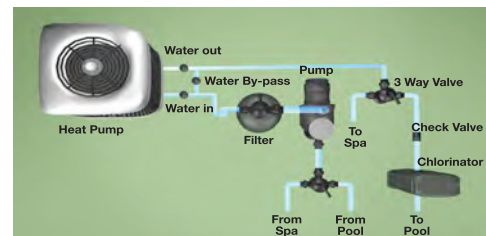
Scroll compressors are the most powerful, energy efficient compressors on the market and most importantly they are also the quietest.



Greater Temperature Differential = Greater Heat Power = Faster Results!

Powerful Heat Transfer

The exclusive design of the ElectroHeat's heat exchanger creates an unmatched and powerful heat transfer source. This is the result of the increased surface area contact the exchanger has with the water that circulates around the condenser tubes. Because of the improved design, the heat exchanger generates a higher temperature differential between the water entering and the water exiting the heat exchanger.



Quick and easy installation.

Simply connect the pool return line to and from the heat pump and connect the power source.

Pool Heating - Heat Pumps



Electr Heat Plus

TITANIUM

WATERCO HEAT PUMPS - All ElectroHeat Plus and ElectroHeat heat pumps come complete with a commercial grade Titanium heat exchanger and digital display as standard. All 3 phase heat pumps are supplied with a 3 phase indicator and protector.

ELECTROHEAT PLUS

Part No.	Product Description	Nom. Size	Price
HPEHP050T261R	Electroheat Plus / Reversible 50K BTU 220-60-1	50BTU	\$2,550.00
HPEHP065T261R	Electroheat Plus / Reversible 65K BTU 220-60-1	65BTU	\$3,250.00
HPEHP070T261R	Electroheat Plus / Reversible 70K BTU 220-60-1	70BTU	\$3,700.00
HPEHP080T261R	Electroheat Plus / Reversible 80K BTU 220-60-1	80BTU	\$3,950.00
HPEHP090T261R	Electroheat Plus / Reversible 90K BTU 220-60-1	90BTU	\$4,250.00
HPEHP110T261R	Electroheat Plus / Reversible 110K BTU 220-60-1	110BTU	\$4,650.00
HPEHP130T261R	Electroheat Plus / Reversible 130K BTU 220-60-1	130BTU	\$5,700.00



Specifications

	Electroheat					Electroheat Plus				
Model Number	HPEH050T261R	HPEH065T261R	HPEH080T261R	HPEHP050T261R	HPEHP065T261R	HPEHP070T261R	HPEHP080T261R	HPEHP090T261R	HPEHP110T261R	HPEHP130T261R
Heat Capacity Btu*	50,000	65,000	80,000	50,000	65,000	70,000	80,000	90,000	110,000	130,000
Water Flow	30-60 Gpm	30-60 Gpm	30-60 Gpm	25-60 Gpm	25-60 Gpm	25-60 Gpm	25-60 Gpm	25-60 Gpm	35-80 Gpm	35-80 Gpm
Water Connections	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches	1.5 Inches
Power Supply	208/230 V	208/230 V	208/230 V	208/230 V	208/230 V	208/230 V	208/230 V	208/230 V	208/230 V	208/230 V
Circuit Breaker	15 Amp	25 Amp	30 Amp	30 Amp	30 Amp	40 Amp	40 Amp	40 Amp	50 Amp	50 Amp
Amperage	9.7 Amp	16.7 Amp	18.81 Amp	12.1 Amp	13.1 Amp	16.7 Amp	17.1 Amp	18.81 Amp	28.5 Amp	31.6 Amp
Defrost Cycle	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
Weight	120 Lbs	120 Lbs	120 Lbs	120 Lbs	125 Lbs	130 Lbs	145 Lbs	195 Lbs	215 Lbs	220 Lbs
Dimensions W x L x H	46x27x12.5	46x27x12.5	46x27x12.5	29x22x32	29x22x32	29x22x32	30x35x34	30x35x34	35x37x39	35x37x39
Refrigerant	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a

* The heating capacity depends on water and ambient temperature, as well as humidity level.



Water Flow & Plumbing Characteristics	
Water Bypass Type	Ext. Field Install
Min./Max. Water Flow Rate	6.7 - 18 m³/h
Min./Max. Water Inlet Temperature	18° - 40°
Plumbing Connection Size	1 1/2" / 50mm - PVC

Double Coil Titanium Heat Exchanger

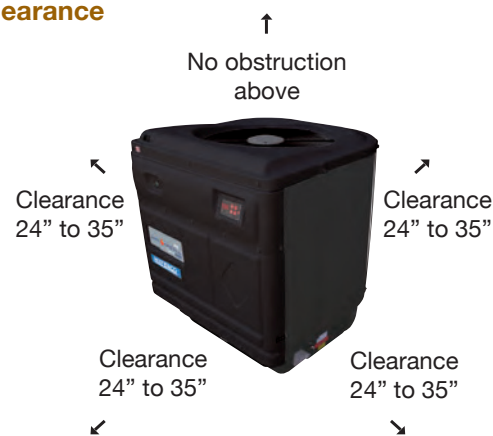
With much greater surface area and longer contact time, this Waterco innovation allows higher heat transfer, thus delivering some of the highest efficiencies in its class.

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Clearance



Pool Heating - Heat Pumps



ELECTROHEAT XL

Part No.	Product Description	Nom. Size	Price
HPEH050T261R	Electroheat Rectangle Xlr 50K BTU	50BTU	\$2,150.00
HPEH065T261R	Electroheat Rectangle Xlr 65K BTU	65BTU	\$2,850.00
HPEH080T261R	Electroheat Rectangle Xlr 80K BTU	80BTU	\$3,300.00

Specifications

Models	EH050T261R	EH065T261R	EH080T261R
Nominal Heating Capacity btu/h *	50 000 BTU's	65 000 BTU's	80 000 BTU's
Power Output (kW)	13.52	18.54	21.82
Supply Voltage (VAC)	208 - 230	208 - 230	208 - 230
Supply Voltage Phase	1 phase	1 phase	1 phase
Power consumption (kW)	2.10	2.99	3.00
Unit Running Amperage	9.3	15.28	21.20
Water Connections	1½ in /50mm	1½ in /50mm	1½ in /50mm
Min / Max Breaker or Fuse (AMP)	20	30	40
Quick Defrost Cycle	-	Active	Active
Dimension	46 x 27 x 12.5 in 117 x 68.5 x 32 cm	46 x 27 x 12.5 in 117 x 68.5 x 32 cm	46 x 27 x 12.5 in 117 x 68.5 x 32 cm
Weight (kg)	54	78	78



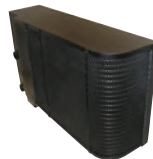
* The heating capacity depends on water and ambient temperature, as well as humidity level.

* Information for reference only, results may vary depending on the region, temperature and the use of a solar blanket.

Main Features



New digital control which instantly displays any diagnosis in the unit and enables a fast and efficient service.



Extra large evaporator surface collects more heat from the ambient air, which allows better performance of the unit and ensures a greater heat transfer to the pool.

Noise Reduction Components



Profile fan blades increase air flow and therefore performance while reducing noise.



Titanium double coil heat exchanger: With much greater surface area and longer contact time, this Waterco innovation allows higher heat transfer, thus delivering some of the highest efficiencies in its class.



Quick defrost cycle by the inversion of the cooling circuit, which allows a complete and quick defrost cycle (2 mins). This option allows the pool to be heated at a lower ambient temperature



Water circulation guide within the **TITANIUM** heat exchanger increases water turbulence and velocity, thus providing maximum thermal transfer.



Scroll type compressor producing 10 dB less noise than other brands available on the market.

GEY040R and GEY050R Rotary Compressors