



## Product Information

Electroheat, Plus, Ultra, Pro

*Exceptional Experience*



maytronics

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# Electroheat, Plus, Ultra, Pro Heat Pumps

## Use your pool all year round

Heading into the winter months you may think your pool is out of bounds or only the brave will jump in. Think again, you can use your pool all year round thanks to the energy efficient heat pumps from the Electroheat range. Specifically designed to extend the swimming season of your pool, the below range are efficient and are available for any sized pool. If you are in the market for a heat pump, Electroheat is the way to go.



Electroheat MKIV

Electroheat MKIV pool heat pumps feature compact design and horizontal venting and are ideal for heating:

- Swimming pools to extend the season
- Plunge pools
- Swim spas
- Spas
- Available in 9,12, 15, 19 & 23kW heating capacities



Electroheat Plus

Electroheat Plus MKIII pool heat pumps feature vertical venting and a large evaporator area for maximum performance and are ideal for heating:

- Swimming pools for year round enjoyment
- Swimming pools to extend the season
- Swimming pools where roof space for solar is limited
- Available in 25, 31, 37 & 44kW heating capacities



Electroheat Ultra

Electroheat Ultra heat pumps can heat your pool in colder climates even when the ambient air temperature is close to 0C° featuring hot gas de-icing and are ideal for heating:

- Swimming pools for year round enjoyment
- Swimming pools to extend the season
- Plunge pools
- Swim spas
- Spas
- Available in 19, 23 and 29kW heating capacities



Electroheat Pro

The new generation Electroheat PRO heat pump is the latest advancement in commercial size swimming pool heating. The PRO 96 has been designed to deliver efficient cost effective large pool heating in an easy to operate and install package.

- Electronically controlled temperature management
- Fault diagnostic system and inbuilt protection devices
- Hermetic scroll compressors
- Titanium heat exchangers
- R410A Refrigerant

# AU / NZ Electroheat MKIV & Plus MK3 Range

## Performance Specifications

	ELECTROHEAT MKIV					ELECTROHEAT PLUS				
Nominal Power Output (kW)*	9	12	15	19	23	25	31	37	44	
Nominal Heating Capacity BTU*	30700	41000	51000	64000	785000	85000	105000	125000	150000	
Power Output (kW): Air 26C / Water 26C / RH63%	8.9	11.74	13.52	18.54	21.8	24.5	24.5	30.6	36.2	43.7
COP	5.7	6.1	6.4	6.2	6.4	4.9	4.9	5.5	5.4	5.7
Power Output (kW): Air 15C / Water 24C / RH70%	6.8	9.2	9.4	18	21.6	22.5	22.5	28.5	35.0	42.0
COP	4.8	5.1	4.9	6	6.3	4.7	4	5.2	5.2	5.4
Supply Voltage (VAC)	230 - 240					380 - 415				
Supply Voltage Phase	Single Phase					Three Phase				
Power Consumption (kW/h)	1.5	1.9	2.1	2.99	3.4	5.0	5.0	5.6	6.7	7.7
Unit Running Amperage (AMP)	7.1	9.1	9.3	15.28	21.2	25	9.3	9.9	11.8	13.1
Minimum Breaker or Fuse (AMP)	16	20	20	30	40	40	25	25	25	25
Min. / Max. Ambient Air Temperature (C)	10 / 40					10 / 40				
Min. / Max. water inlet temp (C)	18 / 40					18 / 40				
Water Connections (mm)	40mm					40mm				
Min. / Max Water Flow Rate LPM	114 - 227					95 - 230	132 - 303			
Weight (kg)	50	54		78		84	87	88	93	
Dimensions W x L x H (mm)	1170 x 320 x 685					750 x 850 x 1000	890 x 880 x 1130			
Refrigerant	R410A					R410A				

### Related products:

Electroheat Ultra range - Pool heat pumps with hot gas de-icing for cold climates.

Electroheat Pro range - Pool heat pumps for commercial applications.

## -sizing chart to heat your pool to 28°C

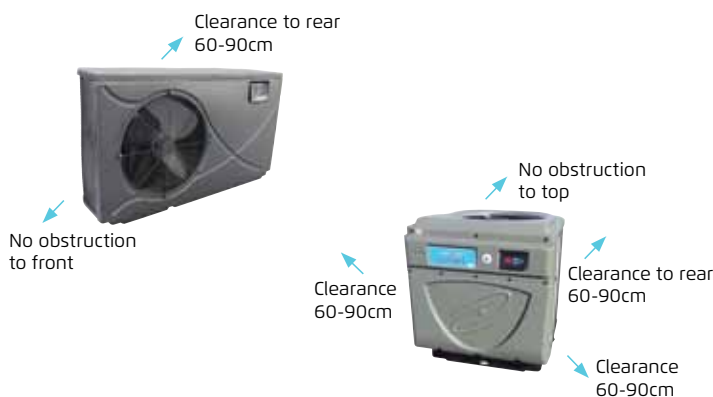
POOL SIZE (m)	LITRES	TEMPERATE LOCATION MIN 12 HRS / DAY RUN TIME		* WARM LOCATION * MIN 12 HRS / DAY RUN TIME	
		WITH POOL COVER	NO POOL COVER	WITH POOL COVER	NO POOL COVER
3 x 6	Up to 21000	9kW	12kW	9kW	9kW
3 x 7	Up to 28000	9kW	15kW	9kW	12kW
4 x 7	Up to 35000	15kW	19kW	9kW	15kW
4.5 x 8.5	Up to 55000	23kW	25kW	15kW	19kW
5 x 10	Up to 70000	31kW	37kW	25kW	31kW
5.5 x 11	Up to 95000	37kW	44kW	31kW	37kW
6 x 12	Up to 110000	44kW	31kW x 2	37kW	44kW
6 x 15	Up to 130000	31kW x 2	37kW x 2	44kW	25kW x 2

Note: Heat pump sizing is influenced by ambient temperature, humidity, use of a pool cover, night time temperature, pool location, wind factor, water features and if the unit is switched off over night. Therefore, any under sizing of the heater for your pool heating requirements is not the responsibility of Waterco.

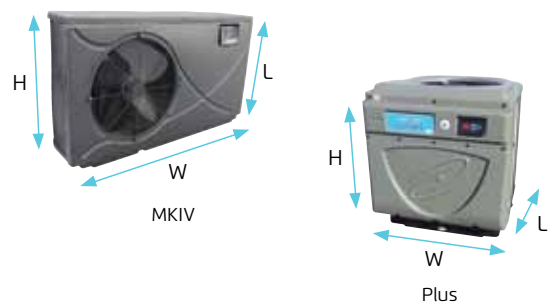
\* Temperate Location:- Where minimum average daytime temperatures between September to May are not less than 18°C.

\*\* Warm Location:- Where minimum average daytime temperatures between September to May are not less than 24°C

### Clearance



### Dimensions



# Electroheat Ultra Range

## Performance Specifications

Nominal Power Output (kW)*	19	23	29
Nominal Heating Capacity BTU*	64000	78500	100000
Power Output (kW): Air 26C / Water 26C / RH63%	18.5	21.7	28.4
COP	6.2	7.2	5.1
Power Output (kW): Air 15C / Water 24C / RH70%	17	19.6	26.5
COP	5.6	6.4	4.7
Supply Voltage (VAC)	240		415
Supply Voltage Phase	1		3
Power Consumption (kW/h)	2.99	3.0	5.6
Unit Running Amperage (AMP)	15.28	21.2	9.9
Minimum Breaker or Fuse (AMP)	30	40	25
Min. / Max. Ambient Air Temperature (C)		1 / 40	
Min. / Max. water inlet temp (C)		18 / 40	
Water Connections (mm)		40mm slip	
Min. / Max Water Flow Rate LPM	114 - 227		132 - 303
Weight (kg)	78		87
Dimensions W x L x H (mm)	1170 x 320 x 685		890 x 880 x 1130
Refrigerant		R410A	
Fast Evaporator De-icing		Yes	

Related products:  
 Electroheat MKIV and Plus ranges - Pool heat pumps standard range.  
 Electroheat Pro range - Pool heat pumps for commercial applications.

### SIZING CHART TO HEAT YOUR POOL TO 28 °C

MODEL  
 REGIONAL AVERAGE DAYTIME TEMPERATURES  
 BETWEEN SEPTEMBER TO APRIL

POOL SIZE (m)	SURFACE AREA (m²)	LITRES	OVER 23°C	17°C TO 21°C	10°C TO 15°C
3 x 7	21	Up to 29400	19kW	19kW	19kW
4 x 7	28	Up to 39200	19kW	19kW	23kW
4 x 8	32	Up to 44800	19kW	23kW	23kW
4 x 9	36	Up to 50400	19kW	29kW	29kW
5 x 9	45	Up to 63000	19kW	2 x 19kW	2 x 19kW
5 x 10	50	Up to 70000	19kW	2 x 23kW	2 x 23kW
5 x 11	55	Up to 75000	23kW	2 x 23kW	2 x 23kW

Note: Heat pump sizing is influenced by ambient temperature, humidity, night time temperature, pool location, wind factor, water features and if the unit is switched off over night. The recommended sizing accounts for use of a pool cover. Therefore, any under sizing of the heater for your pool heating requirements is not the responsibility of Waterco.

#### Clearance



#### Dimensions

