




# Residential Swimming Pool Heat Pumps

*The most cost effective solution to heat your swimming pool 365 days per year*

## FEATURES & BENEFITS

  
Water heating up to 40°C

  
High reliability

  
Low maintenance

  
Easy installation

  
Expert service & support

  
Aesthetic design

- The heating capacities range between 6 kW and 34 kW.
- Enerflow residential pool heat pumps have a UV and corrosion resistant fibre reinforced resin casing for outdoor use.
- Electronic expansion valves are used to ensure optimal energy efficiency in all climatic conditions.
- Enerflow has developed a unique calculator to accurately select a heat pump based on the climate region, pool dimensions and detailed user requirements.
- Our heat pumps aim to maximise value for money in terms of life cycle cost. *This does not necessarily imply the lowest initial cost, but rather focuses on quality, reliability, and the capitalised operating cost, including the impact of peak demand and electricity consumption tariffs.*
- Our EIP-MT series heat pumps are ideally suited for supplying hot water in the following applications:

Swimming pools

Jacuzzi's

Spa's

Resorts

Agricultural heating requirements

*The Enerflow range was designed locally for South African conditions by M-Tech Industrial\*, a specialist engineering company.*



[www.enerflow.co.za](http://www.enerflow.co.za)

Contact us:

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\* Enerflow is a proud division of M-Tech Industrial (Pty) Ltd; owned by Royal Bafokeng Holdings

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## EIP-MT series

### SPECIFICATIONS

		EIP03 MT1	EIP05 MT1	EIP07 MT1	EIP09 MT1	EIP11 MT1	EIP11 MT3	EIP13 MT3	EIP15 MT3	
Heating capacity*	<i>kW</i>	6.6	8.2	11.7	14.7	17.6	17.7	24.9	33.7	
Coefficient of performance (COP)*		4.8	4.7	4.7	4.7	4.8	4.8	4.8	5.1	
Water flow	<i>m<sup>3</sup>/h</i>	0.8~2.5	1.0~3.0	1.0~3.0	2.0~5.0	3.0~6.0	3.0~6.0	3.0~7.0	4.0~7.0	
Maximum outlet water temperature	<i>°C</i>	40								
Rated current	<i>Amp</i>	7	8	12	15	18	7	10	12	
Power supply	<i>V/Ph/Hz</i>	230/1/50						380/3/50		
Power input	<i>kW</i>	1.4	1.7	2.5	3.2	3.7	3.7	5.2	6.6	
Compressor type		Rotary						Scroll		
Refrigerant type		R407c								
Noise level at 1 meter distance	<i>dB</i>	≤52	≤52	≤52	≤54	≤56	≤56	≤62	≤64	
Water connection size	<i>mm</i>	50								
Cabinet material		Galvanised powder coated steel (Stainless steel on request)								
Dimensions (w x d x h)	<i>mm</i>	520 x 470 x 750	520 x 470 x 750	520 x 470 x 750	620 x 560 x 850	620 x 560 x 850	620 x 560 x 850	760 x 680 x 970	760 x 680 x 970	
Net weight	<i>kg</i>	56	59	65	74	98	98	128	145	
Water pressure drop	<i>MPa</i>	≤0.4								
Circuit breaker	<i>Amp</i>	30								
Waterproof grade		IPX4								
Heat exchanger		Titanium								



Scan or visit our website ([www.enerflow.co.za](http://www.enerflow.co.za)) to go to our  
Swimming Pool Heat Pump Calculator and see which heat pump is perfect for your pool.

\* Test standard: Ambient temperature of 20/15°C (DB/WB)  
Water temperature of 27°C