



Commercial Swimming Pool Heat Pumps

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The most cost effective solution to heat your commercial swimming pool 365 days per year.
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FEATURES & BENEFITS



Water heating up to 40°C



High reliability



Low maintenance



Easy installation



Expert service & support



Environmentally friendly refrigerants

- The heating capacities range between 50 kW and 150 kW.
- Multiple units can be installed together thus catering for any client's needs.
- The EIP-MTC series are equipped with titanium condensers that are suitable for sea-, salt-, and fresh water pools with water temperatures up to 40°C.
- Automatically controlled electronic expansion valves are used to ensure optimal energy efficiency in all climatic conditions.
- Enerflow* heat pumps aim to maximise value for money in terms of life cycle cost.
We focus on quality, reliability and the capitalised operating cost, including the impact of peak demand and electricity consumption tariffs.

Our EIP-MTC series heat pumps are ideally suited for supplying hot water in the following applications:

Olympic size swimming pools
Swimming pools
Spa's

Resorts
Commercial & agricultural heating requirements



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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-MTC series

SPECIFICATIONS

		EIP11MTC3	EIP13MTC3	EIP15MTC3	EIP170MTC	EIP230MTC	EIP330MTC	EIP500MTC
Heating capacity*	<i>kW</i>	17.7	24.9	33.7	50	70	100	150
Coefficient of performance (COP)*		4.8	4.8	5.1	5.0	5.0	5.0	5.1
Water flow	<i>m³/h</i>	3.0~6.0	3.0~7.0	4.0~7.0	6~10	6~12	8~16	15~30
Maximum outlet water temperature		40						
Rated current*	<i>Amp</i>	7	10	12	19.6	27.2	39.1	57.8
Power supply	<i>V/Ph/Hz</i>	380/3/50						
Rated power input*	<i>kW</i>	3.7	5.2	6.6	10.1	14.0	20.1	29.8
Compressor type		Scroll						
Refrigerant type		R407c			R417a			
Noise level at 1 meter distance	<i>dB</i>	≤56	≤62	≤64	≤63	≤64	≤66	≤70
Water connection	<i>mm</i>	50	50	50	50	80	80	100
Cabinet material		Galvanized powder coated						
Dimensions (w x d x h)	<i>mm</i>	620 x 560 x 850	760 x 680 x 970	760 x 680 x 970	880 x 810 x 1070	1480 x 810 x 1100	1950 x 1150 x 1950	3400 x 1150 x 1950
Net weight		98	128	145	192	295	415	535
Water pressure drop	<i>MPa</i>	≤0.4						
Circuit breaker	<i>Amp</i>	30				50	75	100
Waterproof grade type		IPX4						
Heat exchanger		Titanium						



Scan or visit our website (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 inlet temperature of 27°C