

Residential Heat Pumps

Features and Benefits

Umulig Engineering supplies and installs Enerflow residential heat pumps, that are designed to be installed with your existing geyser without affecting the warranty of your geyser. Enerflow heat pumps have been in use in South Africa since 1989. Some of the benefits and Features:

✚ Proven track record

Enerflow heat pumps are locally designed and manufactured for the local markets. These units are currently used in 1000's of homes throughout South Africa. Our technicians are certified heat pump installers.

✚ Geyser backup element

Our heat pumps automatically energise the geyser back up element should something go wrong with a unit.

✚ Automatic weekly sanitation function

Automatic weekly sanitation function inhibits the growth of unwanted Legionella bacteria.

✚ Latest Technology

Our heat pump range uses the latest technology to ensure our clients get the optimal efficiency and energy savings.

✚ Built in manual changeover switch

The built-in manual changeover switches from heat pump to the electrical backup element should the heat pump be damaged by electrical spike or some other malfunction.



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SPECIFICATIONS	ERHP-SU08E-MS	ERHP-SU14E-MS	ERHP-SU26-MS	ERHP-SU08-PL	ERHPSU14E-PL
Heating capacity (kW)	3	5	9.7	3.8	5
Coefficient of performance (COP)*	3.6	3.75	3.6	3.6	3.75
Rated heated water output* (l/h)	64	100	209	82	100
Maximum water temperature (°C)	55				
Water temperature setting range (°C)	30~75				
Rated current* (Amp)	2.7	5	9	4.3	5
Power supply (V/Ph/Hz)	230/1/50				
Rated power input* (kW)	0.6	1.2	2	0.9	1.2
Compressor type	Reciprocating				
Noise level at 1 metre distance	<55				
Refrigerant type	R410 a				
Water connection size (mm)	20				
Cabinet Material	Electro galvanised powder coated			UV-stabilized plastic	
Dimensions (w × d × h)	778 × 320 × 504	953 × 360 × 555	1010 × 370 × 614	710 × 292 × 535	830 × 310 × 605
Net weight (kg)	43	53	75	38	51
Element rate current (Amp)	14				
Maximum electric backup element size (kW)	3				
Highest ambient temperature (°C)	43				
Lowest ambient temperature (°C)	-5 °C				
Recommended geyser size (l)	100-200	150-300	200-500	100-200	150-300
Maximum water pressure (Bar)	7				
Protection against water (class)	IPX4				

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

Water inlet temperature of 30°C