

Heat Pump technology uses Solar Energy. Unlike conventional electric or fossil fuel fired water heaters, heat pumps take heat from the surrounding air and transfer it to the water.

Key Features

- >> one of the quietest and most efficient units in the industry
- >> exceptionally good value without compromise on quality or performance
- >> environmentally friendly heat transfer fluid
- >> rated for ambient conditions between - 15°C and + 45°C
- >> compact, easy to install plug in system
- >> titanium heat exchanger for resistance against corrosion and pool chemicals
- >> fully automatic control with adjustable water temperature setting
- >> suitable for retrofits and new installations
- >> low maintenance

Heat Pumps Pay Off

With our highly efficient Sirac heat pumps you can enjoy your swimming pool and spa all year round. They are affordable, reliable and their high efficiency keeps your electricity bill to a minimum. Install a Sirac heat pump now and reap a return on your investment with a payback through energy savings in record time.

- >> save 70% on energy usage on your pool heating
- >> efficient and responsible way of water heating
- >> enjoy all year pool usage
- >> protection against energy cost rises
- >> reduce Greenhouse Gas Emissions

SIRAC

high efficiency pool & spa heat pumps

www.sirac.co.za



5 Year Titanium Heat Exchanger
Warranty

3 Year Compressor Warranty

1 Year Unit Warranty



Mark of Approval



authorised dealer

specifically designed for South African conditions

swimming in sunshine all year round



leave the chill behind with

SIRAC

high efficiency pool & spa heat pumps

SIRAC

high efficiency pool & spa heat pumps

Take control of your pool with the immediate access remote control panel



- Now you don't have to go outside to set your pool temperature.
- This remote control panel can be installed in a convenient position in your home.
- The easy-to-use panel allows you to control the circulation water pump timing, the water temperature, and other system diagnostics and configurations.



Total confidence with a Titanium Heat Exchanger

- Titanium is a special metal that is virtually impervious to chlorine, bromine, hydrochloric acid, salt and other chemicals commonly found in a pool or spa - making it the ideal material to give you years of trouble-free use.



Heat Pump Range:		H15HP	H20HP	H25HP	V30HP	V40HP	V50HP	V70HP	V100HP
Heating Capacity (kW)		6.3	8.7	11	13.4	18	23	29	45
Rated Power Input (kW)		1.32	1.82	2.1	2.8	3.75	4.65	6	9.2
COP		4.77	4.78	4.76	4.79	4.80	4.95	4.83	4.89
Power Supply (V/Ph/Hz)		230/1/50				400/3/50			
Running current amp		6 (1 Ph)	10 (1 Ph)	13 (1 Ph)	16 (1 Ph)	9 (3 Ph)	10 (3 Ph)	13.3 (3 Ph)	20 (3 Ph)
Compressor Type		Rotary				Copeland Scroll			
Number of compressors		1	1	1	1	1	1	1	2
Cabinet Material		Powder Coated Galvanised Steel Plate (304 Stainless Steel Plate optional)							
Heat exchanger		Titanium in PVC casing							
Refrigerant Flow Control		Capillary				Alco Thermal Expansion Valve			
Defrosting Device		4-way Reversing Valve							
Refrigerant Type		R22							
Pipe Size		50 mm (2")							
Unit	Length	1100	1100	1180	750	750	750	880	1484
Dimensions (mm)	Width	440	440	490	690	690	690	820	730
	Height	560	560	660	870	1060	1060	1060	1060
Ambient Air Range		-15°C to +45°C							
Air Discharge		Horizontal				Vertical			
Weight (kg)		60	70	90	115	140	150	200	280



Horizontal model



Standard vertical model



Large vertical model

Disclaimer: SIRAC has a policy of continuous product and data improvement and it reserves the right to change design and specifications without notice.