

HOTELS! · B&B'S! · HOMES! · APARTMENTS! · OFFICES!

HELP YOUR CLIENTS MEET THE *NEW ENERGY REGULATIONS*

Reduce your clients' geyser heating costs by **two-thirds!**

As you will be well aware, the Energy Usage in Building Regulations (XA2) have come into force making it compulsory for all new buildings (including homes, schools, shops, offices hotels etc), to have 50% of their hot water supplied by means other than electrical element heating.

A great solution to meeting the above requirements is installing Heat Pumps. These reduce water heating electricity costs by approximately two thirds, do not require large solar panels on the roof and heat night or day whether there is rain or shine.

In consequence, more and more Heat Pumps are coming onto the South African market. So which brand do you stake your company's reputation on? Price should not be the only determining factor. Reliability, efficiency, user benefits and long-term after-sales back-up are absolutely vital in this market. Here are some key facts why Alliance Heat Pumps are rapidly becoming today's Heat Pumps of choice.

Who are Alliance?

Alliance are part of the Samair group of companies, established in 1999 and distributors of Samsung and Alliance airconditioning and Heat Pump products nationwide. With branches in all major metropolitan centres, Samair now supplies airconditioners nationwide to thousands of dealers as well as hundreds of Heat Pump installers. Not only do Samair provide rapid delivery and long-term sales back-up for Alliance Heat Pumps, but also on-the-spot technical assistance, manuals and training.

What Alliance has to offer you and your clients

Apart from the peace-of-mind of a well-established company back-up, Alliance offers Heat Pump solutions that are ideal for both domestic and commercial applications.

Domestic Alliance Heat Pumps comfortably heat from 100 litres to 500 litres of water, while the largest Alliance commercial unit is 38,5 kW, capable of heating 1000 litres/hour. Modularity allows up to 16 sets to be linked together to supply up to 10 000 litres of hot water per hour, with water temperature adjustable from 40°C to 60°C and heating periods regulated by controller to meet specific hot water demands. These factors, along with major savings in electricity costs, make Alliance ideally suited for both commercial as well as domestic use.

The logo for Alliance, featuring a stylized 'A' with a swoosh and the word 'Alliance' in a bold, italicized serif font.



The Alliance Heat Pump Range

The Alliance Domestic range comprises 3 retrofitted models: 3.65, 5.1 and 7.4 kW (these have a separate Heat Pump outdoor unit and frequently use existing geysers as storage tanks). In addition there are 2 Integrated units (Heat Pump and storage tank in one) of 190 litres and 300 litres.

The Alliance Commercial range offers a single phase 10 kW model and two 3-phase models: 20 kW and 38.5 kW. Extremely efficient Coefficients of Performance ranging from 4.1 to 4.6 deliver over 4 kilowatts of heat energy from just one kilowatt of electrical energy. For full information on the Alliance Heat Pump range, please visit www.allianceheatpumps.co.za.

Alliance Heat Pump projects

More and more hotels, guesthouses, companies and universities are taking advantage of Alliance Heat Pumps and new projects are evolving all the time.

Birchwood Hotel

The system installed at Birchwood Hotel comprises 10 x 38kw Alliance Heat Pumps connected to 4000-litre boilers. The heat pumps can produce 1000 litres of hot water per hour at a 20° ambient temperature. A ring main system supplies instant hot water to taps/showers. Installed by Magnet Group, based in Durban.



Midrand Formula 1 Hotel

Requirements for this 94-room hotel were that the system could re-heat 5000 litres of existing storage within a period of 6 hours during winter. 3 x 38.5kW Alliance Heat Pumps were installed by Solar Heat Exchangers, providing a hot-water volume of 7500 litres.



Benmore Ben Avon/Ben Eden apartment complex

Until mid-2012, the Benmore Ben Avon/ Ben Eden apartment block complex of 153 units was supplied with hot water by a centralised hot water installation using in-line electric geysers. This system was then replaced by 8 x 38.5kW Alliance Heat pumps installed by Elemental Energy, and overall electricity consumption has since been drastically reduced.

