

Alliance

Affordable quality · Proven reliability · Since 2006



HEAT PUMP

Cut your Geyser Heating costs by up to **TWO-THIRDS**

Total Comfort

Join the revolution in Water Heating!

- **SAVE TWO THIRDS** of your water costs every day
- Heats day or night-rain or shine
- No panels on roof or exposed glass to break
- Domestic & commercial models
- Alliance-trained installers & nationwide backup

Alliance Heat Pumps drastically cut electricity bills and are easy to install.

It's the water heating trend that's fast gaining momentum in South Africa! Whether in homes or hotels, water heating accounts for a large portion of electricity usage. And with rapidly increasing electricity costs, everyone's looking to cut down.

Alliance Heat Pumps work on the same principle as airconditioners, extracting ambient heat from the atmosphere but, instead, transferring it to water. Thus where in a normal geyser, 1 kW of electrical energy produces just 1 kW of heat energy, with an Alliance Heat Pump, 1 kW of electrical energy produces approximately 3 kW of heat energy. The result is water heated for only approximately one third of the electrical usage of a normal household geyser. You save two-thirds on your water heating costs!

Both Domestic and Commercial units available

The domestic Alliance units comfortably heat from 100 litres to 500 litres of water. For commercial use, as a result of the modularity of Alliance Heat Pumps, many units can be linked together to supply up to thousands of litres of hot water per hour. Water temperature as well as heating periods can be adjusted via a wired controller to meet specific hot water demands. Pool Heat Pumps are also available.



Quality, eco-friendliness and Nationwide back-up

Extensive Research & Development programme ensures top quality

The manufacturers of Alliance Heat Pumps employ over 300 senior engineers and operate 31 approved test laboratories, guaranteeing the innovation and high quality of Alliance products.

Guaranteed and Backed Nationwide by Alliance

Alliance Heat Pumps are imported and distributed by Fourways Airconditioning, with branches in all major metropolitan centres and are installed by trained technicians. Contact us for more details now.

Installation to be carried out by authorised installers only.

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KZN:
Tel: (032) 648 0037
Email: sales@totalcomfort.co.za

GAUTENG:
Tel: (011) 795 3696
Email: gauteng@totalcomfort.co.za

www.totalcomfort.co.za

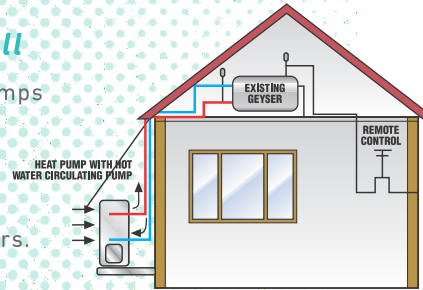
Eco-friendly, easy to install and remote-controlled.

Eco-friendly

Apart from saving electricity, saving you money and reducing the load on Eskom, Alliance units also operate on eco-friendly R410A gas. An Alliance Heat Pump is the most energy-efficient geyser you can own!

Easy to install

Alliance Heat Pumps are compact and easy to install. They can also be retro-fitted to existing geysers.



Remote control with timer

A wired control allows you to heat water at pre-set times, including during off-peak, as well as letting you set desired hot water temperature to between 40°C and 60°C.



Specifications

| Model | Ph-V-Hz | ALLWH32R410 | ALLWH50R410 | ALLWH72R410 |
|-------------------------------------|-------------------|-----------------|-----------------|-----------------|
| Power Supply | | 1-220-50 | 1-220-50 | 1-220-50 |
| Water heater | Heating Capacity | 3.65 | 5.1 | 7.4 |
| | Power Consumption | 1.04 | 1.34 | 2.08 |
| Recommended Water Tank | COP | 3.7 | 4.2 | 4.4 |
| | Rated Current | 3.7 | 6 | 8.5 |
| Refrigerant | Volume | 100 - 150 | 100 - 300 | 250 - 500 |
| | | R410A | R410A | R410A |
| Outdoor Noise Level | | 53 | 55 | 55 |
| Max. Pipe Length | | 8 | 8 | 8 |
| Max. Height Difference | | 3 | 3 | 3 |
| Operating Conditions (Ambient Temp) | | -7°C - 43°C | -7°C - 43°C | -7°C - 43°C |
| Water Outlet Temp. | | 40 - 60 | 40 - 60 | 40 - 60 |
| Dimensions | | 790 x 765 x 275 | 790 x 765 x 275 | 845 x 945 x 335 |
| Weight (Nett/Gross) | | 48/52 | 55/58 | 68.5/74 |

Test conditions: Outdoor ambient temperature is DB/WB 15°C/12°C, inlet water temperature of the units is 40°C, outlet water temp 5°C
Due to Alliance's policy of constant improvement, specifications are subject to change without notice.

* including electric element