

EXPERIENCE THE
ALLIANCE
DIFFERENCE

Alliance **SMART HEAT** Heat Pump Range

AHP35R134 · AHP49R134 · AHP66R134

- Famous brand high efficiency scroll compressor
- High efficiency eco-friendly R134A refrigerant which does not pollute the ozone layer
- Intelligent control: micro processor based with touch screen controller.
- 7 day timer and 3 timer settings per day
- Quiet operation
- Easy installation and compact footprint
- Adjustable water temperature setting: 25°C - 65°C
- Extremely energy efficient with COP's up to 4.5
- Patented high efficiency Tube-in- Shell water heat exchanger
- Electronic expansion valve (EEV) for reliability and high precision
- Wi-Fi as standard. Connect and control your hot water from your phone
- Device sharing to other family members
- Automatic defrost function
- Advanced system protection
- Ideal to connect to a solar PV system



Alliance

www.allianceafrica.co.za

Alliance SMART HEAT Heat Pump

Alliance are market leaders in innovation, and technological improvements and we are constantly developing and improving our heat pump technology to ensure we offer the best in the market. We push the boundaries of what's possible with a heat pump, boasting the most energy efficient Heat Pumps in South Africa.



We understand that energy is expensive. That is why we have created some of South Africa's most efficient Heat Pump hot water systems, with you in mind. The Alliance Smart Heat range are the next evolution in water heating, with advanced energy efficiency technologies and built in smart features to ensure you're provided with clean, safe, and economical hot water all year round. Alliance SMART Heat Pumps outclass in efficiency and surpass traditional methods of heating, while saving energy, reducing running costs and carbon emissions.

Alliance heat pumps are rigorously tested at the factory through each operating phase prior to shipment and are backed by the Fourways Group's industry leading warranty, service and technical support.

SPECIFICATIONS

Model		AHP35R134	AHP49R134	AHP66R134
Heating capacity	kW	3,5	4,9	6,6
Rated power input	kW	0,79	1,09	1,47
Max. running current	A	6,5	10,2	14,8
COP		4,4	4,5	4,3
Hot water volume	Ltrs/hr	75	110	155
Operating range	°C	-7 to 43		
Power supply	V / Hz	230V / 50Hz		
Compressor quantity		1		
Compressor brand		GMCC	GMCC	Highly
Throttle type		Electronic expansion valve		
Fan quantity		1		
Water pump - Brand / Model		XINHU – GPD20-6SB		
Water connection	mm	20		
Noise	dB(A)	52	54	56
Air discharge type		Horizontal		
Max water temperature	°C	65		
Heat exchanger		Patented tube in shell		
Controller		5" TFT Multi-function touch screen		
Wi-Fi		Yes		
Refrigerant		R134a		
Casing		ABS plastic		
Net dimensions (L x W x H)	mm	1008 x 410 x 641		
Package dimensions (L x W x H)	mm	1075 x 435 x 700		
Net weight	kg	52	59	70