

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**

 **AC DIRECT®>**  
Online Store

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

Alliance reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE.