

EXPERIENCE THE  
**ALLIANCE**  
*DIFFERENCE*

# Alliance **ECO HEAT** Domestic Heat Pump

AEH36R410

- Famous brand high efficiency scroll compressor – GMCC
- High efficiency eco-friendly R410A refrigerant which does not pollute the ozone layer
- Intelligent control: Advanced LCD wired controller with 3 timer settings
- Adjustable water temperature setting: 25°C - 55°C
- Extremely energy efficient with COP's up to 4.55
- Patented high efficiency Tube-in- Shell water heat exchanger
- Electronic expansion valve (EEV) for reliability and high precision
- Quiet operation
- Easy installation and compact footprint
- Automatic defrost function
- Advanced system protection



**Alliance**

[www.allianceafrica.co.za](http://www.allianceafrica.co.za)

# Alliance Domestic ECO HEAT Heat Pump

Hot water that doesn't cost the EARTH. Alliance are helping more households unlock significant savings and reduce carbon emissions - all whilst adding value to their home with a state-of-the-art heat pump. Alliance Domestic ECO Heat Pump is the economical solution for domestic hot water heating. Its robust design combines innovative technology that drastically reduces the electricity cost of hot water. Each time water cycles through the Heat Pump, the water temperature is raised by 5° until a pre-set target temperature is reached. Advanced control logic ensures a stable hot water supply.



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		AEH36R410 – ECO Heat
Heating capacity	kW	3,6
Rated power input	kW	0,86
Rated running current	Amps	4,18
Max. power input	kW	1,45
Max. running current	Amps	6,5
COP		4,2
Hot water volume	Ltrs/hr	80
Operational range	°C	-15 to 43
Power supply	V / Hz	230V / 50Hz
Compressor quantity		1
Expansion valve		Electronic
Fan quantity		1
Water pump brand / Model		XINHU – GPD20-6SB
Water pressure drop	kPa	35
Water connection	mm	20
Noise	dB(A)	47
Air discharge type		Horizontal
Max water temperature	°C	55
Heat exchanger		Patented tube in shell
Controller		LCD Multi-function controller
Refrigerant		R410a
Casing		Powder coated galvanised sheet
Dimensions (L*W*H)	mm	931.8 x 385 x 550
Weight	kg	50