

Alliance Domestic Split High Temperature Heat Pump Range

ALLHT35R134 · ALLHT55R134 · ALLHT75R134

- Automatic control and simple operation.
- Max. water temperature setting up to 70°C.
- Energy-saving with automatic start-up and shutdown
- Water heating costs are reduced by up to two-thirds with Alliance Heat pumps.
- Aesthetically pleasing.
- Effective in any weather, cloudy or rainy and capable of heating at night.
- Can be retro-fitted to an existing hot water cylinder/geyser.
- Capital outlay costs lower than other comparable water heating systems.
- Partial ABS casing to prevent rusting.
- Guaranteed and backed nationwide by Alliance.



Alliance

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Alliance's impressive line of "Environmentally-Friendly" renewable energy products has expanded to include one of the most energy-efficient and innovative domestic split high temperature heat pump ranges on the market. This efficiency is achieved by capturing heat from the ambient air and transferring this "free" heat to the water in the geyser. Alliance domestic heat pump water heaters are three to four times more efficient than standard electric water heaters. The time has never been better to go green. Alliance heat pump water heaters allow homeowners to capitalize on energy efficiency and realize a quick return on investment. The Alliance Heat Pump uses R134A refrigerant and can sustain stable and efficient performance in a wide ambient temperature range from -7°C to 45°C. Backed nationwide by Alliance branches in all major metropolitan areas.

Model		ALLHT35R134	ALLHT55R134	ALLHT75R134
Heating capacity	kW	3.5	5.5	7.5
Rated power input	kW	0.815	1.18	1.83
Rated running current	A	4	5.8	9.8
Max. power input	kW	1.48	2	3.61
COP		4.3	4.66	4.2
Hot water volume	Ltrs/hr	87.5	118	187.5
Max. running current	A	6.8	12.5	18
Power supply	V / Hz	230V / 50Hz		
Compressor quantity		1		
Throttle type		Electronic expansion valve		
Fan quantity		1		
Fan motor input	Watts	40		
Water flow volume	m ³ /h	0.6	0.9	1.2
Water pressure drop	kpa	5	15	30
Water connection		DN20		
Noise	dB(A)	48	51	50
Air volume	m ³ /h	800 - 2000		
Air discharge type		Horizontal		
Max outlet water temperature	°C	70		
Operational range	°C	-7 - 45		
Heat exchanger		Patented tube in shell		
Controller		Multi-function touch screen		
Refrigerant		R134a		
Casing		ABS plastic		
Dimensions	DxHxW (mm)	418x605x1000	418x605x1000	418x605x1000
Weight	kg	52	64	73

Notes:

1. The test conditions: outdoor temperature 20/15°C (DB/WB), inlet water temperature 15°C, outlet water temperature 55°C.
2. Sound pressure value test conditions: four side of the unit, distance: 1m, height: 1m plus half of the unit's height.
3. The specification may be changed for product improvement, please refer to the nameplate.

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