

Alliance

Affordable quality - Proven reliability - Since 2006



Alliance 80°C Commercial Heat Pump Range

ALLHT 13.5, 33.4 & 66kW models

- High heating output
- COP up to 3.27
- EVI Scroll compressor type
- Max. water temperature: 80°C
- Backed nationwide by Alliance branches in all major metropolitan areas



www.allianceair.co.za

Alliance 80°C Commercial Heat Pump Range

ALLHT 13.5, 33.4 & 66kW models (3-phase)

Three new Alliance 80°C Heat Pumps provide the higher water temperatures required by certain industries: ALLHT 13.5, 33.4 & 66kW models. All 3 are 3-phase units using eco-friendly R134a gas, and have EVI scroll compressors and a corrosion-resistant galvanised metal casing. With COPs of up to 3.27, each of these Alliance models ensures high-temperature, energy-efficient water heating for various commercial and industrial applications.



Model		ALLHT13.5kW	ALLHT33.4kW	ALLHT66kW
Rated Heating Output	kW	13.5	33.4	66.0
Rated Power Input	kW	4.40	10.21	20.18
COP	W/W	3.07	3.27	3.27
Rated Running Current	A	8.0	18.24	36.50
Power Supply	V/Ph/Hz	380~415/3/50	380~415/3/50	380~415/3/50
Compressor Type	/	EVI Scroll	EVI Scroll	EVI Scroll
Compressor Quantity	/	1	1	2
Fan Quantity	/	2	2	2
Noise	dB(A)	62	69	71
Air Discharge Type	/	Horizontal	Vertical	Vertical
Refrigerant Type	/	R134a	R134a	R134a
Ambient Range	°C	0~45	0~45	0~45
Heat Exchanger	/	Tube in shell heat exchanger		
Max. Water Temp.	°C	80	80	80
Casing	/	Galvanized metal		
Net Dimensions(L/W/H)	mm	960x720x1185	1610x1050x1550	2240x1080x2000

Test conditions: ambient temperature 20°C /15°C; water circulation from 60°C to 65°C.

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

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