

EXPERIENCE THE  
**ALLIANCE**  
**DIFFERENCE**



# Alliance **R32** Commercial Swimming Pool Heat Pump Range **INVERTER**

MODEL: ALLPH780R32 - INV & ALLPH1550R32 - INV

- Stepless Inverter motor with low start-up voltage.
- Intuitive control of your commercial pool heat pump with a 5-inch colour touchscreen controller.
- Active defrosting system.
- Heating, cooling and auto modes.
- COP's as high as 25.5.
- Wi-Fi ready can be controlled via your smartphone from anywhere.
- R32 refrigerant.



**Eco-Friendly:**  
Significantly reduces global warming potential by up to 75%.

**Efficient:**  
Offers up to 12% higher efficiency and uses 40% less refrigerant.

**Cost-Effective:**  
Lowers energy consumption and operational costs.

**Safe:**  
Mildly flammable but non-explosive.

**Recyclable:**  
Easier to reuse and recycle due to its single-component nature.

**Alliance**

# Alliance R32 Inverter Commercial Swimming Pool Heat Pump Range

## Superior Performance

Full inverter technology results in a COP as high as 25.5. With variable running speeds based on actual heating or cooling requirements, Alliance R32 commercial inverter swimming pool heat pumps are the technology supplier of choice for hotels, gyms and schools.



## Modular Applications

Comes equipped with centralised control that makes temperature adjustment and failure review much easier and more practical. By incorporating the master/slave control into the design, all the installed units work together with higher efficiencies without the interruption of a failure of a slave unit during operation.



## Wi-Fi Control

Wi-Fi control offers innovative real-time management control of your pool via smartphone anywhere. You can easily check your heat pump energy consumption, set a personalized running schedule and even troubleshoot through your web-connected devices, such as your smartphone, tablet or online account from anywhere in the world.

## Eco-friendly R32 gas

Environmentally-friendly R32 gas is used in Alliance units, ensuring no pollution of the atmosphere.

UNIT		ALLPH780R32 - INV	ALLPH1550R32 - INV
<b>Heating Capacity</b>	kW	12.2 – 78	30 – 155
<b>Consumed power</b>	kW	0.91 – 12.75	1.88 – 22.13
<b>COP</b>		6.1 – 16.5	6.1 – 25.5
<b>Operating air temperature</b>	°C	-15 to 43	
<b>Power supply</b>		380V – 415V / 3N ~ / 50Hz	
<b>Max power input</b>	kW	12,34	25,1
<b>Rated current input</b>	A	19	40,9
<b>Compressor quantity</b>		1	2
<b>Compressor type</b>		Rotary	
<b>Refrigerant</b>		R32	
<b>Fan quantity</b>		1	2
<b>Fan rotary speed</b>	RPM	650 - 750	500 - 700
<b>Fan direction</b>		Vertical	
<b>Noise</b>	dB(A)	53 - 61	59 - 62
<b>Water connection</b>	mm	63	110
<b>Nominal water flow</b>	m3/h	26,8	42
<b>Water pressure drop (max)</b>	kPa	33,7	37
<b>Set water temperature Cooling / Heating</b>	°C	9 / 40	
<b>Unit net dimensions (L x W x H)</b>	mm	1200 x 980 x 1895	2170 x 1160 x 2127
<b>Carton dimensions (L x W x H)</b>	mm	1320 x 1090 x 2090	2330 x 1330 x 2340
<b>Net weight</b>	kg	300	603
<b>Gross weight</b>	kg	341	683

Test conditions - Air 27°C / Water 26°C / Humidity 80%

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