Whisper Mode
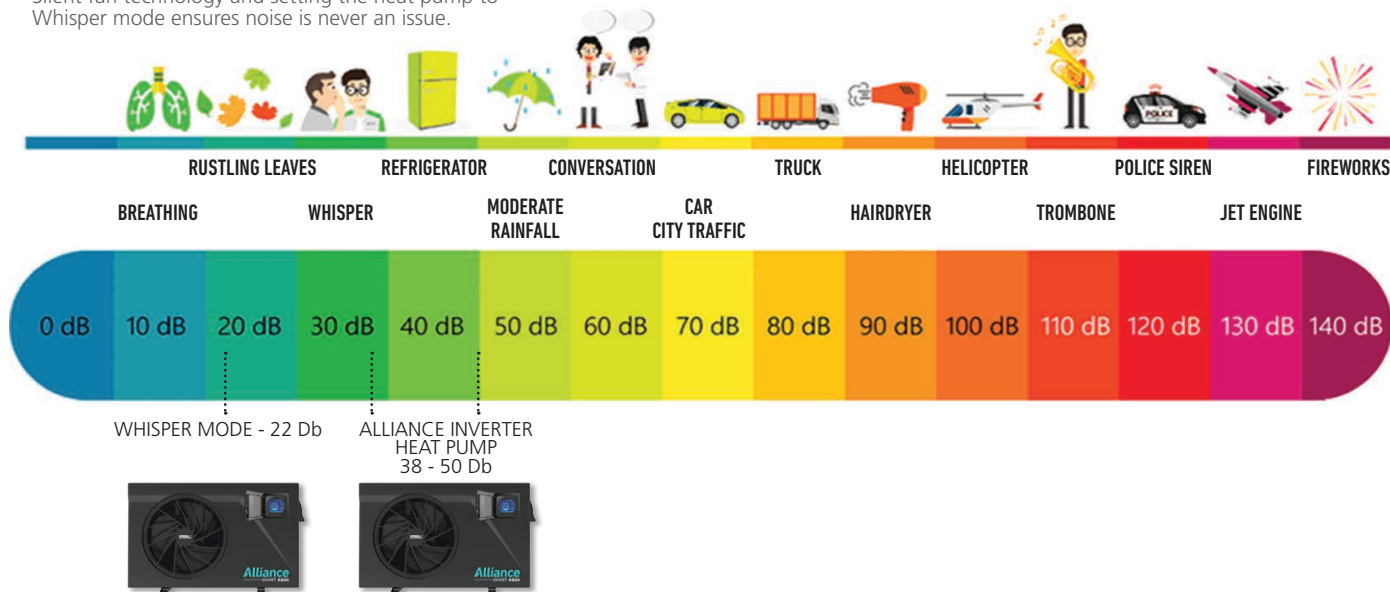
Silent fan technology and setting the heat pump to Whisper mode ensures noise is never an issue.

RUSTLING LEAVES · REFRIGERATOR · CONVERSATION · TRUCK · HELICOPTER · POLICE SIREN · FIREWORKS

BREATHING · WHISPER · MODERATE RAINFALL · CAR CITY TRAFFIC · HAIRDRYER · TROMBONE · JET ENGINE

0 dB | 10 dB | 20 dB | 30 dB | 40 dB | 50 dB | 60 dB | 70 dB | 80 dB | 90 dB | 100 dB | 110 dB | 120 dB | 130 dB | 140 dB

WHISPER MODE - 22 Db

ALLIANCE INVERTER HEAT PUMP 38 - 50 Db

SPECIFICATIONS

UNIT		ALLPH70R32-INV – Smart Aqua	ALLPH12R32-INV – Smart Aqua	ALLPH18R32-INV – Smart Aqua	ALLPH24R32-INV – Smart Aqua	ALLPH28R32-INV – Smart Aqua
Heating Capacity	kW	2.0 – 7	2.56 – 11.5	4.38 – 18.4	8.7 – 24.6	10.3 – 28
Consumed power	kW	0.196 – 1.21	0.246 – 1.92	0.44 – 3.17	0.71 – 3.89	0.82 – 4.49
COP		10.2 – 5.78	10.4 – 5.99	9.95 – 5.8	12.2 – 6.3	12.56 – 6.24
Operating air temperature	°C	–7 to 43	–7 to 43	–7 to 43	–7 to 43	-7 to 43
Power supply		230V~/ 50Hz	230V~/ 50Hz	230V / 50Hz	230V / 50Hz	380-415V / 3Ph
Max power input	kW	1.57	2.35	0.438 – 3.17	0.71 – 3.89	6.3
Rated current input	A	6.8	11.5	15.72	22.5	10.22
Compressor quantity		1	1	1	1	1
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant		R32	R32	R32	R32	R32
Fan quantity		1	1	1	1	1
Fan rotary speed	RPM	500 - 700	500 - 850	500 - 750	600 - 800	400 - 800
Fan direction		Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Noise	dB(A)	38 – 47	38 – 48	44 – 56	49 – 56	47 - 55
Water connection	mm	50	50	50	50	50
Nominal water flow	m3/h	3	4.7	7.5	12	12
Water pressure drop (max)	kPa	1.8	2.7	6	14	17
Set water temperature Cooling / Heating	°C	9 / 40	9 / 40	9 / 40	9 / 40	9 / 40
Unit net dimensions (L*W*H)	mm	935*360*608	935*360*608	1002*453*767.5	1161*490*862	1160*490*862
Net weight	kg	40	46	60	92	96

Alliance
Smart Aqua R32
INVERTER
Pool Heat Pumps

FIVE YEAR 5 WARRANTY *Terms & conditions apply

- WiFi Enabled
- Energy Efficient
- Eco Friendly R32 gas
- Low noise silent fan Technology
- Smart Grid PV Ready Function
- Backed nationwide by Fourways Group

Alliance

Alliance Smart Aqua R32 Inverter **Pool Heat Pumps**

Let **RAPID HEAT** technology take charge, delivering fast heat-up times for your pool water.

Wi-Fi Control

Take complete control of your pool's temperature from anywhere in the world through Wi-Fi. The Wi-Fi control system provides you with real-time management of your pool or Jacuzzi heat pump, allowing you to customise the heating to your needs. You can easily monitor your heat pump's energy consumption, set a personalised running schedule, and even troubleshoot issues through your web-connected devices, like your smartphone, tablet, or online account.

Smart Grid PV Ready Function

Utilise surplus PV energy with the SG Ready interface The Smart Aqua heat pump can connect to a Smart Grid Solar Inverter so that the heat pump can maximise free energy from solar PV panels. As a result, customers don't need to use much grid power to operate the heat pump. The can reduce their pool heating costs, increase the efficiency of their PV systems and do their part to protect the climate by using more solar power in their homes.

Eco Friendly R32

Eco Friendly R32

R32 refrigerant offers a significantly lower Global Warming Potential (GWP) compared to R22, R134A, and R410A, improving heat exchange efficiency and promoting environmental benefits.

↑**30%**

Energy Efficient

An impressive level of efficiency, surpassing standard on/off heat pumps by 30%.

Style and Durability

Manufactured using the latest colour-fast UV resistant technology, guaranteeing a stunning appearance for your backyard. The heat exchanger is made of PVC & Titanium tube which can withstand prolonged exposure to swimming pool water.

Advanced Controller

The unit includes micro-computer controlling, allowing all operation parameters to be set. Operation status can be displayed on the LCD wired controller. Large LCD touch screen controller to easily control your pool temperature and schedules.