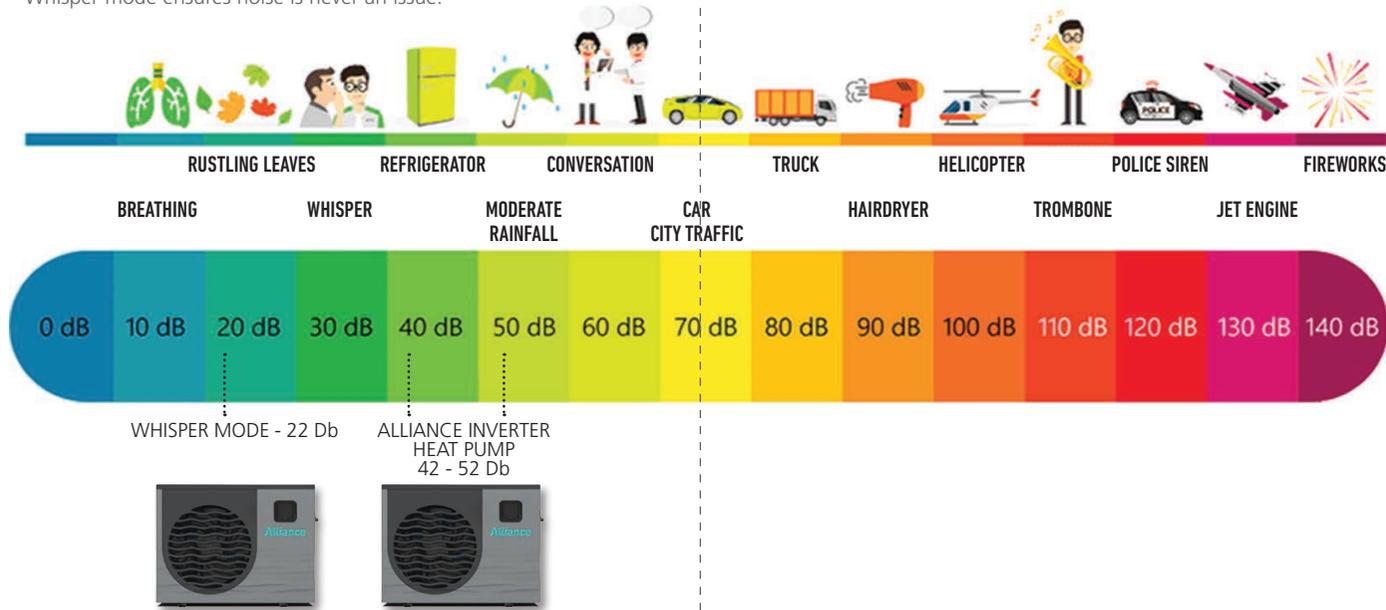


Whisper Mode

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



SPECIFICATIONS

| Model | | ALLPH90R410 - INV | ALLPH120R410 - INV | ALLPH160R410 - INV | ALLPH190R410 - INV |
|---------------------------|-------------------|-----------------------------|--------------------|--------------------|--------------------|
| Heating Capacity | kw | 2.1kW - 9.0kW | 2.7kW - 12.2kW | 2.8kW - 15.9kW | 3.4kW - 18.9kW |
| Heating Power Input | kw | 0.19 - 1.82 | 0.25 - 2.32 | 0.24 - 3.13 | 0.31 - 3.86 |
| Running Current (Heating) | A | 0.8 - 7.9 | 1.1 - 10 | 1.0 - 13.6 | 1.4 - 16.8 |
| Power Supply | V/Hz | 230V / 50Hz | 230V / 50Hz | 230V / 50Hz | 230V / 50Hz |
| Compressor Quantity | No | 1 | 1 | 1 | 1 |
| Compressor | | Full Inverter | | | |
| Heat Exchanger | | Patented Dual Coil Titanium | | | |
| Fan Direction | | Horizontal | | | |
| Noise | dB(A) | 40 - 51 | 43 - 53 | 44 - 56 | 42 - 57 |
| Water Connection | mm | 50 | 50 | 50 | 50 |
| Water Flow Volume | m ³ /h | 3.2 | 4.1 | 5.2 | 6.3 |
| Refrigerant | | R410A | R410A | R410A | R410A |
| Net Dimensions (L/W/H) | | 1048.5 / 435 / 770 | 1048.5 / 435 / 770 | 1165 / 470 / 870 | 1165 / 470 / 870 |
| Weight | kg | 52 | 60 | 68 | 75 |
| Maximum Set Temperature | °C | 40 | 40 | 40 | 40 |

Heating: Outdoor air temp 27°C / 24°C, Inlet water temp 26°C.

Experience
the Alliance
Difference



Alliance Inverter Domestic Swimming Pool Heat Pumps

- **Stepless Inverter motor** with low start up voltage.
- Intuitive control of your pool or Jacuzzi heat pump with a **touch screen controller**.
- Temperature setting control, able to **monitor temperature and power consumption**.
- Active defrosting system.
- Heating, cooling and auto modes.
- **Optional Wi-Fi connectivity**, can be controlled via your smartphone from anywhere.
- Silent running, corrosion resistant ABS case
- R410A refrigerant

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www.allianceair.co.za

Touch Screen Controller



- Intuitive control of your pool / jacuzzi heat pump
- Monitor your ambient temperature, current pool temperature.
- Set heating, cooling or auto modes.
- Temperature setting control.
- Timer mode

Optional Wi-Fi Control

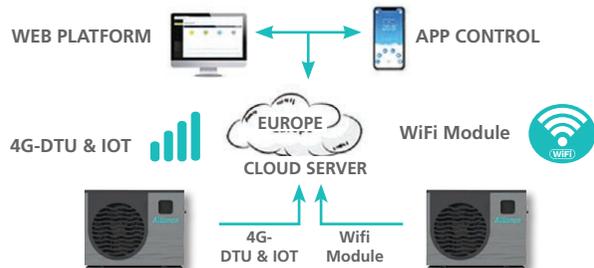


Wi-Fi (optional) control offers innovative real time management of your pool or Jacuzzi heat pump to suit your lifestyle from anywhere in the world. You can easily check your heat pump energy consumption, set a personalized running schedule and even trouble shoot through your web connected devices, such as your smart phone, tablet or online account from anywhere in the world.

Features of the phone app include:

(Compatible with IOS and Android smart phones and tablets)

- Turn ON/OFF
- Increase/decrease the temperature set-point
- Set multiple timers
- Receive error alerts
- Record last 30 days of pool heating data
- Easy to set up – Download the app, pair it with your home WiFi and you are ready to go
- No installation costs, no technicians, no fuss
- Allows remote access by a technician



Full Inverter Compressor / Fan

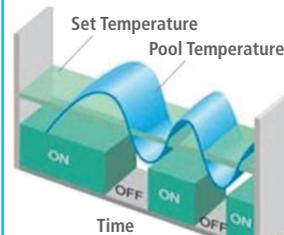
The difference between a fixed output and an inverter heat pump lies in how they deliver the energy needed from the heat pump to meet the heating demands of the swimming pool.

A fixed output heat pump works by continuously either being turned on or off. When turned on, the fixed output heat pump works at 100% capacity to meet the heating demand of the swimming pool. It will continue to do this until the set temperature is reached and will then cycle between on and off heating to maintain the set swimming pool temperature.

An inverter heat pump however, uses a variable speed compressor which modulates its output increasing or decreasing its speed to maintain the set pool temperature as the outdoor air temperature changes.

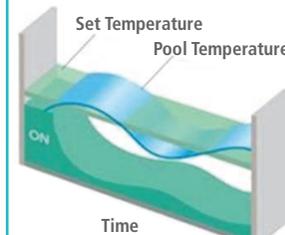
When the demand is low the heat pump will reduce its output, limiting the start cycles and therefore limiting the electricity usage and the exertion placed on the heat pump's components.

On / Off type Compressor



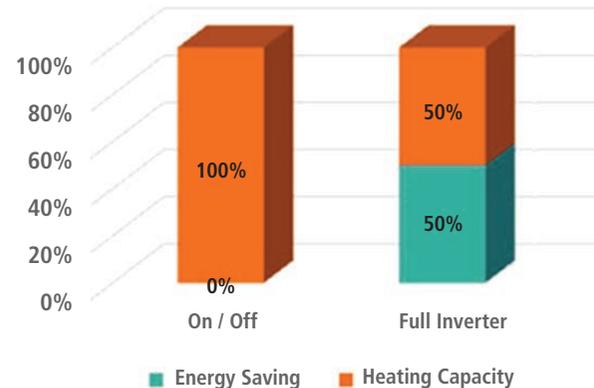
Compressor turns on / off all the time

Inverter type Compressor



Compressor modulates speed depending on load

Energy Savings Comparison



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Warranty

1 year parts & labour

3 years on compressor (part only)
5 years on heat exchanger (parts only)

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Gauteng: (011) 704-6320

Pretoria: (012) 643-0445

Bloemfontein: 083 381 0074

George: 082 380 0708

Cape Town: (021) 556-8292

KZN: (031) 579-1895

Port Elizabeth: (041) 484-6413

East London: (043) 722-0671

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