



**TRIANCO**  
BRINGING HEAT TO LIFE

## **Activair High Temperature Air Source Heat Pumps**







**Offering a choice of affordable and sustainable heating products is paramount to Trianco.**

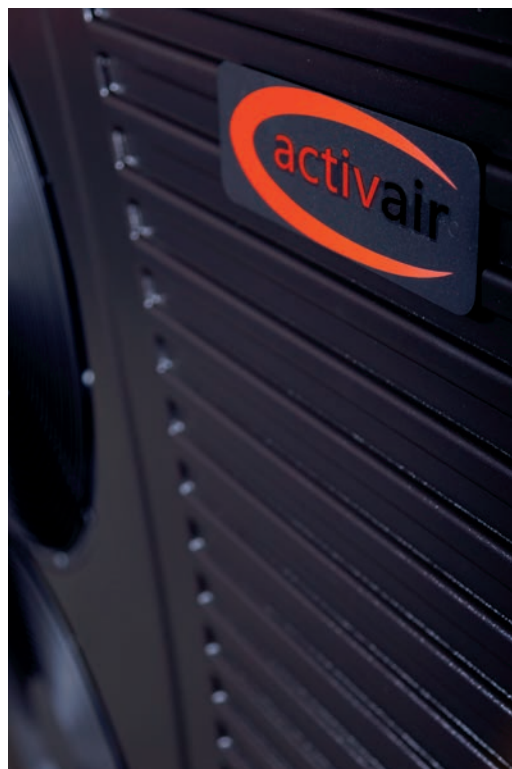
**Our **Activair** air to water heat pumps were the first renewable offering launched under the Trianco brand and have since provided energy saving solutions to hundreds of homes across the UK.**

Activair works in a very similar way to a domestic refrigerator, utilising a working fluid driven around a refrigerant circuit containing four components - an evaporator, a compressor, a condenser and an expansion valve.

The refrigerant liquid circulating within the system has a boiling point as low as  $-40^{\circ}\text{C}$  and evaporates when absorbing heat from ambient air. This means it's possible to extract considerable heat from extremely low temperatures.

The resulting refrigerant gas is then compressed, adding more heat energy and raising its temperature. This heat is then passed via the heat exchanger into your home for use in your hot water cylinder.

It is vitally important when designing heating systems to ensure the heating flow temperature is kept as low as possible. This will enable the Heat Pump to run at optimum efficiency.



# Activair High Temp Heat Pump

Our new Activair High Temp Heat Pump is easy to install, offers exceptional fuel savings and significantly reduces the emission of harmful greenhouse gases, lowering the impact on the environment and growing effects of climate change.

Activair is fully controllable via a Smart App with remote monitoring via the built in 4G Data Transfer Unit.

## FEATURES:

- High efficiency
- 5kW, 9kW, 15kW & 22kW outputs suitable for DHW and heating
- Compact & unobtrusive
- Plastic weather proof casing
- Low energy costs
- Provides high savings on CO2 emissions
- Easy to install
- Flexible siting options
- High quality latest compressor technology
- Competitively priced
- Minimal maintenance
- Smart app controls
- Optional mounting plates for floor or wall
- Anti frost protection
- All models single phase
- Awarded 25% ECO4 uplift from Ofgem
- Can cascade up to 16 units
- Up to 10 year warranty

*22kW model - single phase*



Model	Dimensions			
	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
5kW	1167	420	790	122
9kW	1167	420	790	122
15kW	1287	500	928	169
22kW	1247	540	1329	225



# Activair Heat Pump Plus Pack

Combining the easy to install, Activair Heat Pump, with the Sunamp Thermano Thermal Batteries, the Activair Heat Pump Plus Pack provides the ultimate space saving solution for hot water.

This fully comprehensive package offers a one-stop-shop and one delivery solution for transitioning to renewable heating systems. We can also supply an external sunamp battery casing (with preplumbed option available) for a fully outdoor solution.

## INCLUDES:

- Activair High Temp R290 ASHP 5kW, 9kW, 15kW or 22kW
- Sunamp Thermano 150, 210 or 300 XPlus Thermal Battery - Space saving thermal storage for Activair Heat Pumps which can also be linked to solar PV for greater protection against soaring energy costs.
- Installation Kit

*Sunamp External Casing  
with preplumbed option*



# Activair Heat Pump Pre-Plumbed Cylinder Packs

Combining the easy to install Activair Heat Pump with a complete installation pack.

Our fully comprehensive packages comes complete with a pre-plumbed heat pump cylinder and installation accessories.

Packs available include either pre-plumbed Cylinder or pre-plumbed combi Cylinder/Buffer.  
Various cylinder sizes available

## INCLUDES:

- Activair High Temp R290 ASHP 5kW, 9kW, 15kW or 22kW
- Pre-plumbed cylinder OR pre-plumbed combi cylinder/buffer
- Isolation valves
- Feet (pair)
- Filling loop

Optional extras also available:

Glycol, anti-freeze valve, insulated flexi hoses (pair), Buffer tank, wall bracket





# Activair Commercial Air Source Heat Pump

Our Activair Commercial Heat Pump is available in 50kW 3 Phase output.

Designed for a wide variety of commercial settings, with flexibility to cascade up to 16 units.

R290 High Temperature heat pump able to achieve flow temperatures of up to 75°C. Convenient remote control via app and remotely monitored

INCLUDES:



Model	Dimensions			
	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
50kW	980	1195	1900	490



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## TR Engineering Limited

5 Wortley Road, Rotherham S61 1LZ

Tel: +44 (0)114 257 2300

Fax: +44 (0)114 257 1419

Email: [info@trianco.co.uk](mailto:info@trianco.co.uk)

**[www.trianco.co.uk](http://www.trianco.co.uk)**

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