



TRIANCO
BRINGING HEAT TO LIFE

Activair R290 Indoor Heat Pumps



The heat pump without an outdoor unit

The Activair R290 Indoor Heat Pump is an air/water heat pump without an outdoor unit, designed for all those situations where there is no space available for housing the outdoor unit, e.g. apartments without balconies or with limited terraces. Capable of supplying heating and hot water if fitted with a domestic hot water cylinder.

Available as a wall mounted 3.2kW unit or a floor standing 5kW unit.



Activair R290 Indoor Heat Pump installation



Small and medium-sized homes



Apartments

The Activair Indoor Heat Pump is the compact and complete indoor solution that includes all the functionality of an outdoor unit.

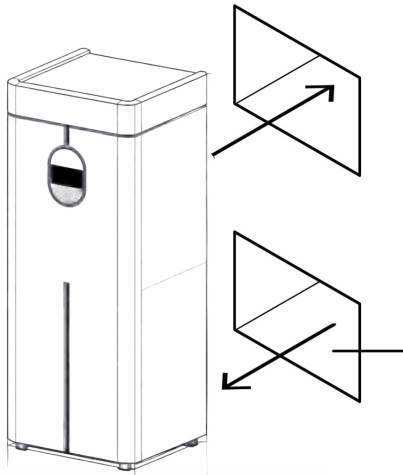
On the outside, only two vents are visible. On the inside it remains a compact and elegant unit with similar dimensions to a domestic appliance.

Both heat pumps can also provide air cooling if the property is fitted with fan coils instead of radiators.

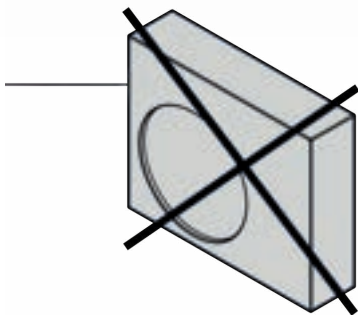


Fan coil

No outdoor unit, only two vents



The outdoor unit is replaced by two vents.



Easy Installation

No Outdoor Unit - Indoor Monoblock Design, Single Phase

All-in-one indoor installation simplifies the installation process and significantly reduces installation costs. A hot water cylinder will need to be fitted for domestic hot water.



Integrated Wall Mounting Bracket

Enabling fast installation



Top Air Outlet - Air In and Out Ducts

Allows smooth installation against cupboards or wall corners



Multi-side Airflow - Air In and Out Ducts

Flexibility to site the inlet/outlet ducts on one of three sides



Two Air Duct Options

Rectangular or round ducting to suit different setups

Ultra-quiet Operation

Designed for indoor comfort



Optimised Air Duct Design

Ensures smooth airflow to reduce energy loss during operation and improve overall efficiency, resulting in lower utility bills



Fully Wrapped with Composite Silencers

The compressor is fully enclosed with composite silencing material, effectively reducing vibration and noise to deliver a quieter, more comfortable indoor experience.



Built-in Safety

100% protection. Zero Compromise

Equipped with a gas separator and R290 leak detector, the system rapidly detects any leaking refrigerant and actively discharges it.

One minute after start-up, the system monitors refrigerant concentration in real time. If values exceed pre-set thresholds it triggers shut-down protection and the fan adjusts to pre-set speed to vent and expel the refrigerant outdoors.



Easy Control

Zone Control

Fully controllable Remote Heat/Cool, Remote On/Off, Room Thermostat

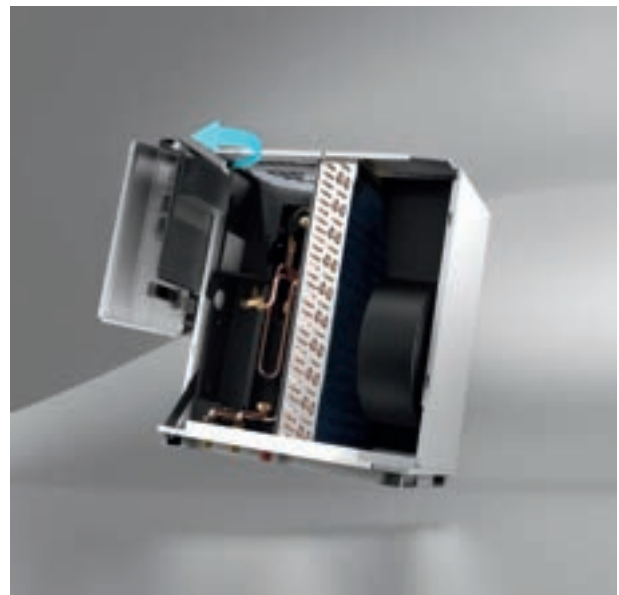
Also can be controlled remotely via Warmlink app



Remote Diagnostics & Monitoring

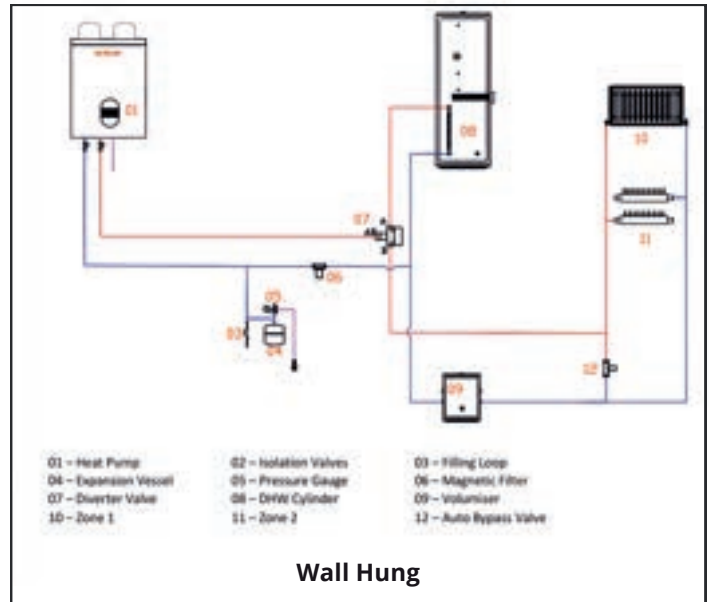
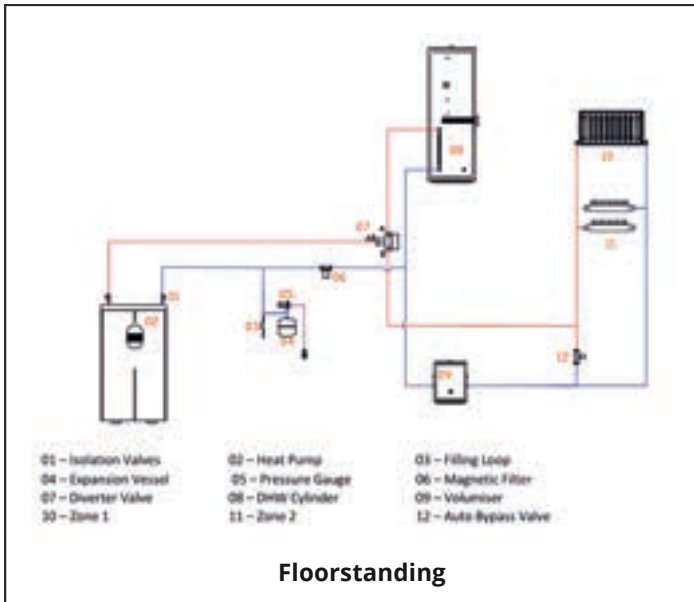
Remote Intelligent Diagnostics

Internal 4G Data Transfer Unit enables remote monitoring, diagnostics and fix. It promotes prompt fault detection and remote diagnosis reducing service visits and improving maintenance.



System Schematics

Volumiser and Hot Water Cylinder



System Information

Model		9116 - 3.2KW R290 WALL HUNG ASHP	9114 - 5KW R290 ASHP
Power Supply	V~Hz	220-240/50	220-240/50
Nominal Capacity	W	3200	4800
Heating Power Input	W	820	1148
COP	/	3.9	4.18
SCOP/Energy efficiency class	/	4.5(A+++)	4.73(A+++)
Nominal Capacity	W	3200	4800
Heating Power Input	W	1280	1811
COP	/	2.5	2.65
Type of Refrigerant	/	R290	R290
Refrigerant Volume	kg	0.45	0.49
GWP	/	3	3
CO ₂ Equivalent	Ton	0.00135	0.00147
Net Weight	kg	73	124
Gross Weight	kg	85	142
Type of Fan	/	DC Motor	DC Motor
Operation Range	°C	-15-43	-15-43
Compressor Type	/	Rotary	Rotary
Rated Flow Rate	m ³ /h	0.55	0.82
Product Dimension	mm	598*495*725	598*615*1200
Shipping Dimension	mm	685*570*840	640*730*1263
Sound Pressure (1m)	dB(A)	44	47
Sound Power Level (EN12102)	dB	58	61
Heat Exchange	/	Plate type	Plate type
Head of Circulation Pump	m	6	9
Hot Water Setting Temperature	°C	65	65



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