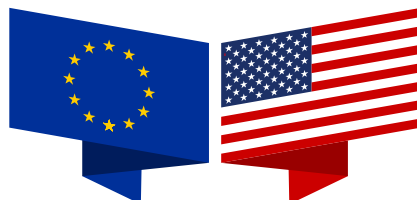# POWRMATIC

Decarbonising Air Conditioning Solutions

AIRCO290

Packaged Heat Pump Air Conditioner

www.powrmatic.co.uk

R290

Available in Europe and the U.S

AIRCO290

The Powrmatic AIRCO290 is a sleek, wall-mounted all-in-one air conditioner and heat pump that delivers 3.5kW of cooling and 2.9kW of heating—no external unit required. Ideal for homes, offices, and garden rooms, it runs quietly, uses eco-friendly R290 refrigerant, and features touchscreen, remote, and optional Wi-Fi control. Now joined by the enhanced AIRCO290/H model with an extra 1kW of heating power, the range offers even more comfort and flexibility for year-round climate control.

Features

- **No outdoor unit for easy installation and cost saving**
- Modern simple streamline design
- Dc inverter technology for energy saving and more comfortable use
- 4 In 1 function including cooling / heating / fan and dehumidifying
- Big air outlet for comfortable use
- Led display and 24 hours on/off timer
- Pleasant low noise 39db under silent mode
- New refrigerant R290 F-Gas quota free
- Self-evaporated system-not much drainage water under cooling mode
- Water full alarm and auto-stop function
- Metal housing panel
- With remote control
- Wifi app function is optional
- **Suitable for Europe & America markets**

Technical Specification

Specification	U.M	AIRCO290	AIRCO290/H
Output	BTU/h	12000	12000
Cooling/Heating Capacity	W	3500 / 2930 W	3500 / 2930 W
Power Supply	V-V-Hz	220-240/50	220-240/50
Reted input (Cooling / Heating)	W	1250 / 945	1340 / 815
EER / COP	kW	3.1 / 3.6	2.6 / 3.6
Moisture Removel	(L/h)	1.4	1.4
Air circulation	m^3/h	520	520
Sound Pressure(Cooling+High Speed Fan)	dB	47	47
Sound Pressure (Silent Mode)	dB	39	39
Body Size (Height/Width/Length)	mm	575 x205 x 1000	575 x205 x 1000
Package Size (Height/Width/Length)	mm	665 x 335 x 112	665 x 335 x 112
Net Weight	Kg	43.5	43.5
Gross Weight	Kg	49.5	49.5
Typical Application Area (guide only)	m^2	25-30	25-30
PTC Electric Heater	W	N/A	1000 (Manual ON/OFF Via Remote)

No Outdoor Condenser Required!

AIRCO290   SPLIT SYSTEM

POWRMATIC

Working together to decarbonise your building through efficient HVAC technologies.

Powrmatic is a trusted leader in the manufacture and supply of advanced HVAC solutions. Our diverse portfolio includes multi-energy heating and cooling systems, innovative air movement technologies, advanced natural and smoke ventilation, and air conditioning solutions. We work closely with building design specialists, architects, consultants, and HVAC professionals to deliver sustainable, high-performance systems that ensure optimal comfort, safety, and energy efficiency for industrial, commercial, and institutional environments.

Heating

Tailored heating systems for industrial and commercial sectors, crafted to meet the specific and requirements for any application. Our heating solutions combine energy efficiency, sustainability, and dependable performance to deliver optimal results and ensure long-lasting value.

Ventilation

Advanced smoke and natural ventilation systems, designed for life safety and building protection in commercial, industrial, and institutional environments. Our solutions ensure compliance with safety standards, delivering efficient and reliable performance.

Air Conditioning

Innovative packaged heat pump air conditioning systems, ideal for hotels, care homes, and office spaces. Our systems provide reliable, energy-efficient climate control, enhancing comfort while reducing energy consumption and supporting sustainable building practices.

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