## POWRMATIC

Affordable and economical air conditioning for homes, offices, hotels and garden rooms with rapid installation, minimalistic design utilising environmentally safe R290 gas without needing any outdoor condenser.

The new **AIRCO**290 from Powrmatic.

# AIRCO290

Packaged Heat Pump Air Conditioners R-290 refridgerant



# AIRCO290 Overview

The new AIRCO290, packaged wall mounted twin duct heat pump air-conditioning unit, is technically advanced to use R290 refrigerant gas, which has the lowest GWP, (Global Warming Potential) of any gas in its class, of only .003 Tons CO2 per kilogram. This gas not only improves heating and cooling performance but helps to protect the environment during its life span.



### **Features**



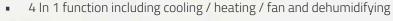




Modern simple streamline design

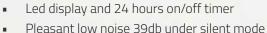


Dc inverter technology for energy saving and more comfortable use



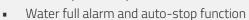


Big air outlet for comfortable use

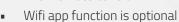




New refrigerant r290 f-gas quota free Self-evaporated system-not much drainage water under cooling mode



- Metal housing panel
- With remote control



Suitable for Europe & America markets







## **Technical Specification**

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





## **About Us**

Powrmatic design, develop and deliver HVAC solutions worldwide across a wide range of commercial and industrial applications creating comfortable and safe environments, differentiated through innovation, integrity, compliance and service.

Our specialised HVAC divisions:

#### Heating

Industrial and commercial warm air and radiant space heating solutions manufactured to achieve efficient performance, compliance and reliability for every application in partnership with the HVAC trade

#### Ventilation

Custom designed highly efficient, cost-effective smoke, natural and powered ventilators manufactured to meet project requirements of building operators, architects, specifiers and contractors.

#### **Air Conditioning**

Worldwide distributors of innovative wall mounted heat pumps air conditioner technology providing efficient comfort cooling and heating all year round.

#### **Engineered Products**

Bespoke heating and ventilation solutions designed to serve individual customers specific project requirements. In addition our OEM products provide partner AHU manufacturers with high quality energy efficient gas fired heat exchangers.

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#keepingthenationwarm

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