ALCHEMY RANGE

WATER · HEAT · PURITY

alchemyrange.ie

Compact-Space
Heat Pump Solutions

Original Design. Outstanding Choices.



NEW

Indoor Dual Source All-in-One Heat Pump

Heating, cooling, hot water and fresh air from one indoor unit.



HYBRID

Hybrid-energy All-in-One

Built-in 200 L tank. No outdoor unit.



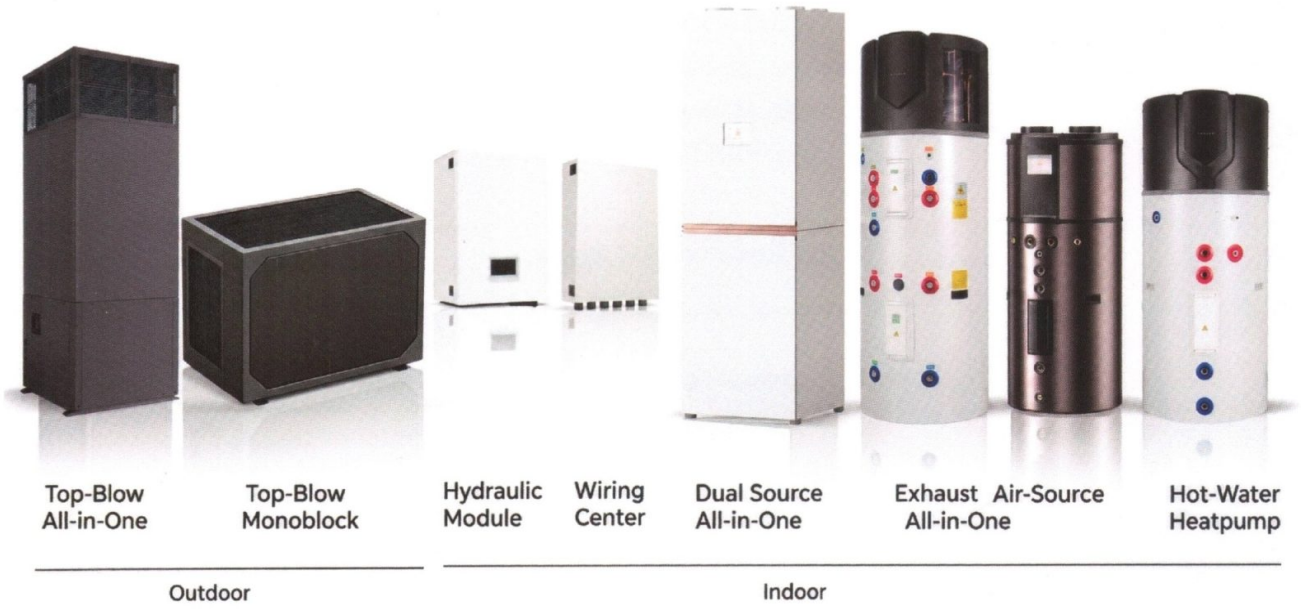
CE ErP Ready TÜVRheinland CERTIFIED RoHS COMPLIANT SG Ready MCS

About Alchemy Range

Alchemy Range supplies heat pumps and hot water systems for Irish homes and projects. The range covers space heating and cooling, domestic hot water, ventilation and smart control, and is supplied by Price King Sales Limited from Blessington, Co. Wicklow.

Every model in this catalogue uses R290 (propane), a natural refrigerant with a very low global-warming potential. The systems work alongside solar PV and existing heat sources in a smart hybrid set-up, and connect to an app for remote monitoring and control.

Compact Installation Space Solutions



R290	5–20 kW	A+++	−25°C	75°C
natural refrigerant in every model	outdoor monobloc heating capacity range	seasonal space heating class at 35°C flow (outdoor models)	heating operation down to this outdoor temperature (outdoor models)	maximum heating outlet water temperature (outdoor models)

Documentation for every model

CE declarations, Heat Pump KEYMARK certificates, ERP energy labels and installation manuals are available for the models in this catalogue. Ask us at david@alchemyrange.ie.

Choosing your system

Five system types cover most homes. Full technical data for every model is in the Alchemy Range catalogue.

System type	What it does	Models
Outdoor monobloc heat pump	Outdoor unit with an indoor hydraulic module and wiring centre. Space heating, cooling and domestic hot water, 5 to 20 kW.	JMU50HC JMU70HC JMU90HC JMU120HC JMU150HC / 150HC3N JMU200HC3N
Outdoor all-in-one heat pump	Heat pump with the hot water tank built in, so no cylinder is needed indoors. 6 kW and 9 kW, with a buffer-tank version.	JCM60HC JCM90HC
Indoor dual air-source monobloc	Takes heat from outdoor air and recovers it from indoor exhaust air. Heating, cooling, hot water and ventilation.	JMU40HV JMU40HV-F JMU70HV
Indoor exhaust-air all-in-one	Easy indoor installation. Heating, hot water and ventilation from a single unit.	Exhaust-air range
Domestic hot water heat pump	Hot water only, in 200 litre and 300 litre sizes.	J12HW200V2 J12HW300V2

Need help choosing?
Tell us about your home and we will recommend the right system and size.

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Outdoor Air Source Monobloc Heat Pump

Package A

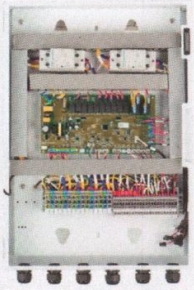
Top-blow

Efficient Solutions for Compact Homes

Heating Cooling Hot water







Indoor Unit-Wiring Center

The wiring center centralizes all electrical components and sensor connections. Its pre-wired, compact design significantly simplifies installation and reduces wiring errors.

R290 ECO refrigerant

High efficiency and Energy Saving

Full power till -7℃

DC Inverter Twin Rotary

Compressor noise-reduction chamber

Plate heat exchanger

Sky Blow Appearance Patent

High water 75°C outlet

SG Ready

Monoblock type

Indoor Wiring Center

Convenient-Maintenance Electric control box

Dual zone function Mixing Valve

IOT Platform

Gas separator





Outdoor Air Source All-in-one Heat Pump

Package C/D

Space **Saving**

The electric heater, expansion tank, circulation pump and water tanks are all integrated into the heat pump, eliminating the need for an additional indoor unit and significantly reducing installation space and cost.



Package C
Built-in 150L
domestic water tank

Package D
Built-in 120L
buff tank

R290 ECO refrigerant

High efficiency and Energy Saving

Heating

Cooling

Hot water

Full power till -7℃

DC Inverter Twin Rotary

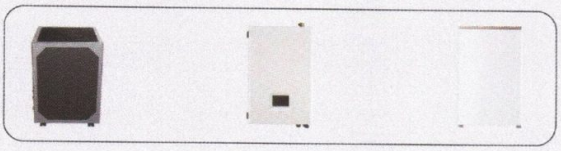
Compressor noise-reduction chamber

Plate heat exchanger

Sky Blow Appearance Patent

High water 75°C outlet

SG Ready



All in one (Built in 150L tank)

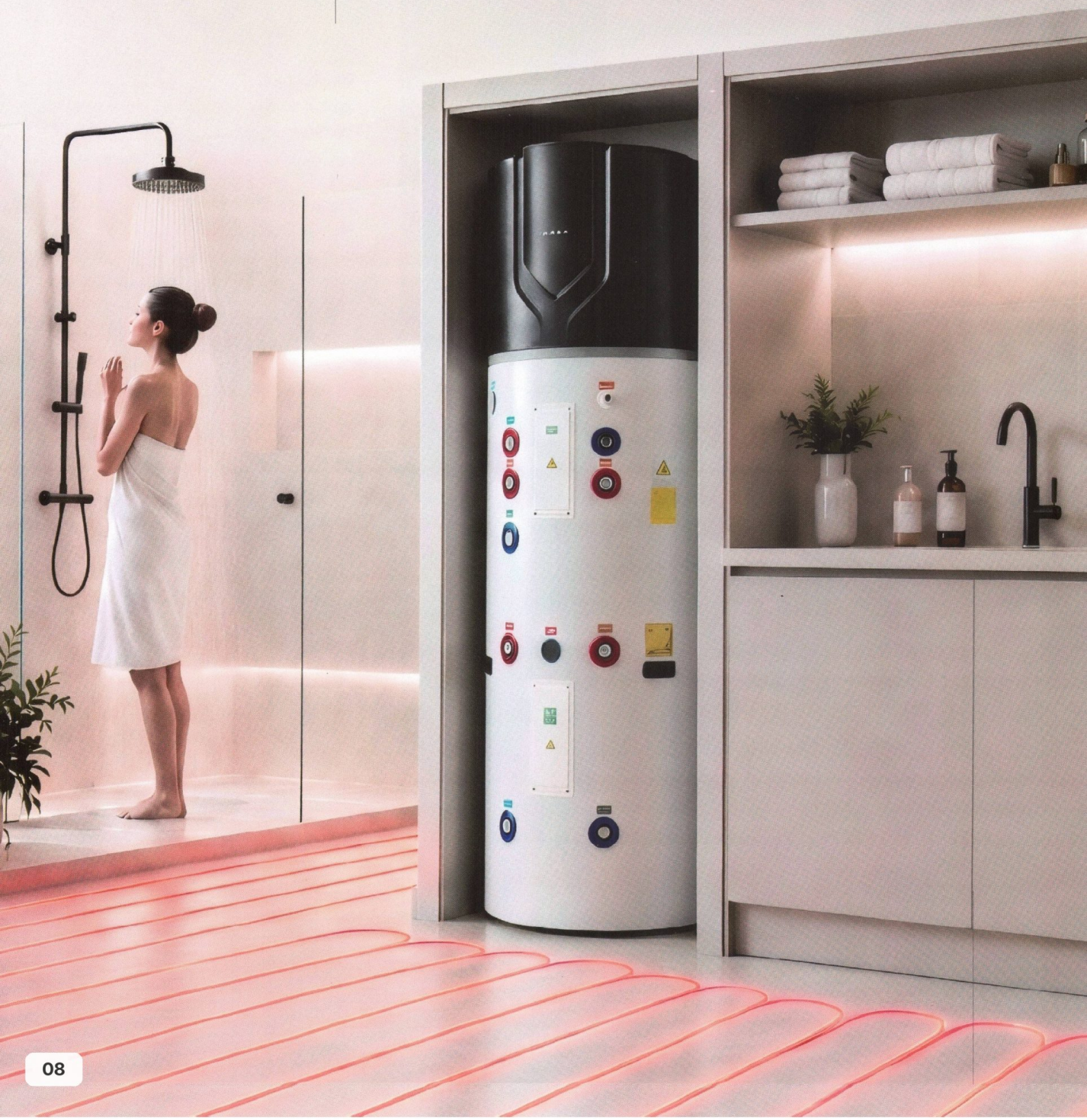
Dual zone function Mixing Valve

IOT Platform

Gas separator

Indoor Exhaust Air Source
All in One Heat Pump

Easy Indoor Installation Solution



Hybrid-energy technology:

Heat pump prioritizes comfortable domestic hot water demand, while electric heating technology covers space heating requirements.

Heating

Hot water

70℃ Outlet



Clear SCREEN
The refrigerant absorbs heat from outdoor air and evaporates.

Connection Zone
Clearly labeled ports for easy installation and maintenance.

Service Access
Convenient front access panel for quick inspection and maintenance.

Buffer Tank
Stores thermal energy to optimize heat pump performance and system efficiency.

DHW Tank
Dedicated domestic hot water tank for consistent comfort and hish efficiency.

- Modbus-- realize centralized device management and system integration.
- All-in-one integrated design with built-in Dual water tank
- High efficiency A+ heat pump for lower energy consumption
- Smart IOT control with multiple operation modes
- Corrosion-resistant duplex steels tank for long service life



Plate heat exchanger



DC centrifugal fan



Indoor Easy installation



IOT Platform



R290 ECO refrigerant



Energy Saving



High-efficiency tank



DC centrifugal fan



Indoor Easy installation



IOT Platform



R290 ECO refrigerant



Energy Saving



300L



200L

KEY COMPONENTS & TECHNOLOGIES

ZERO GAS LEAK INDOORS
Refrigerant Safety

LOW-NOISE OPERATION
Suitable for noise -sensitive areas

SPACE -SAVING
No indoor unit required

INTELLIGENT CONTRO
Supports app thermostat control

DUPLEX STAINLESS STEEL TANK
Long Service Life

REMOVABLE TOP KITS
Easy to Maintain

PURE WATER CYCLE SAFETY
Zero Refrigerant Pollution

COMPATIBLE WITH LOCAL WATER TANKS
Save Shipping Costs



Connect. Control. Save.

REMOTE ACCESS
Monitor and control your system from anywhere using the app.

SMART ENERGY MANAGEMENT
Track energy usage and optimize operation for greater efficiency and lower costs.

REAL-TIME ALERTS
Get instant notifications forfaults, maintenance reminders, and system updates.

Smart Control Highlights

Wi-Fi Connectivity
Stable cloud connectionforremote access and real-time control.

Modbus Compatibility
Seamless integration with BMS systems via Modbus protocol.

RS485 Communication
Reliable wired communication for stable system performance.

Remote Diagnostics
Quick issuedetection and troubleshooting to reduce downtime.

Scheduling & Automation
Custom schedules and scene settings for maximum comfort and efficiency.

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NEW

Indoor Dual Source
All-in-One Heat Pump

Domestic hot water, heating, cooling and fresh-air ventilation in one smart indoor solution.



- Heat recovery from indoor exhaust air
- Up to 350 m³/h ventilation airflow
- Dual-stage filtration, F5 + F9



HYBRID

Hybrid-energy All-in-One

Built-in 200 L tank. The heating coil for space heating also passes through the water tank. Indoor all-in-one, no outdoor unit.

GET IN TOUCH

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