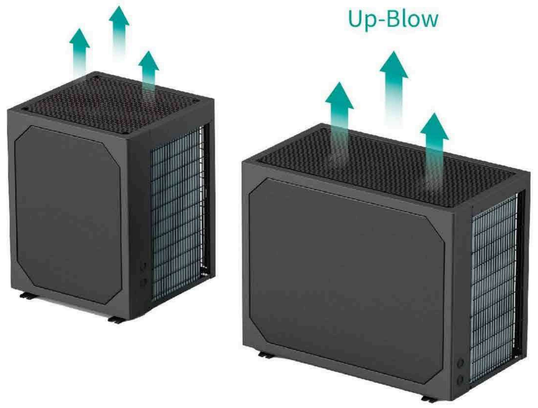
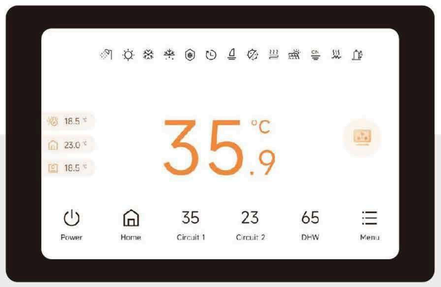
WESTON
CLIMATE

R290

Up-flow Monobloc Compact Heating, Cooling & DHW Heat Pump





Smart Touch Display

This inverter heat pump features a **5** color touchscreen, displaying real-time energy data. Multi-language support ensures global user convenience.

Controller: TOUCH SCREEN

Energy Efficiency: A+++(35°C) / A++(55°C)

Heating Capacity: 5 / 7 / 10 / 12 / 15kW

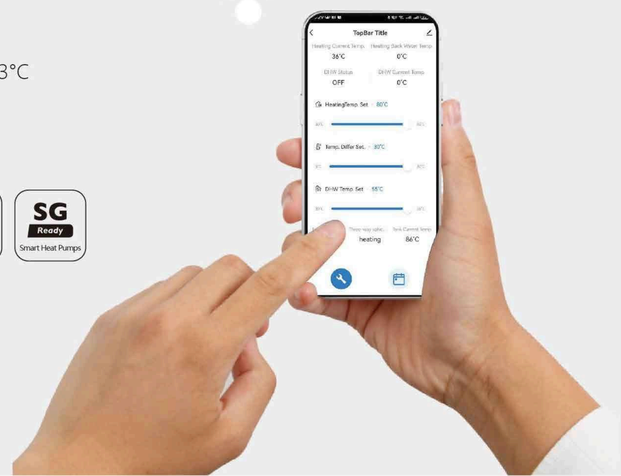
Maximum Outlet Water Temp.: 75°C

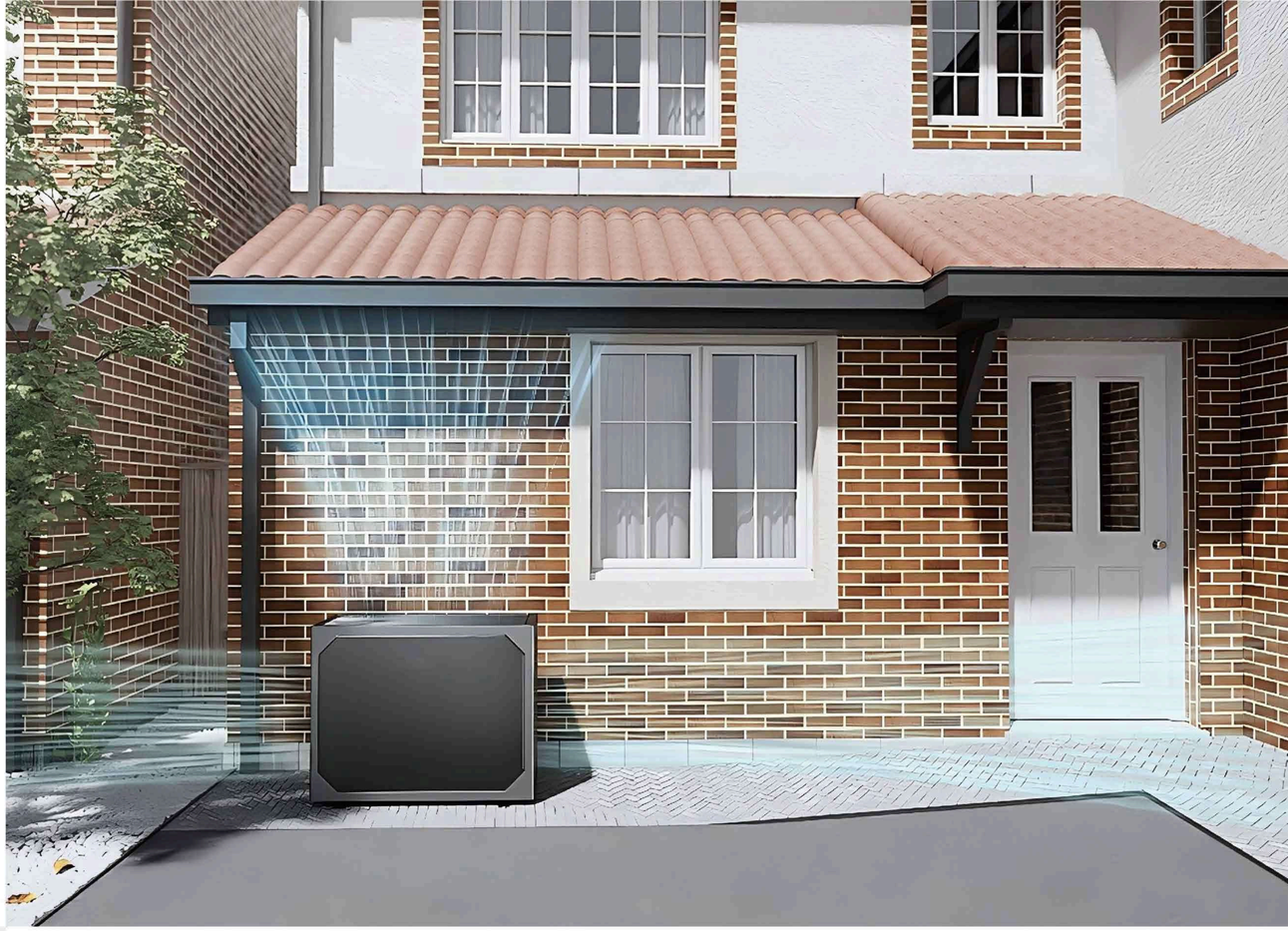
Range of Working Temperature: -25 ~ 43°C

Refrigerant: R290

R290 Refrigerant | A+++ Energy Efficiency | > dB Low Noise | Garden Defence | 75 °C Outlet | SG Ready Smart Heat Pumps

WIFI CONTROL





Sky-blow Appearance Patent

The Sky-blow unit optimises the airflow path in confined spaces, reducing the mixing of hot and cold air. This significantly enhances heat exchange efficiency. Additionally, it not only ensures optimal heating performance but also reduces energy loss caused by air short circuits.

Convenient-Maintenance Magnetic Front Plate

There are magnetic kits (either magnets or magnetic metal) at the joint between the heat pump's front frame and the decorative front panel. The decorative front panel and the heat pump unit can be swiftly disassembled using magnetic attraction.

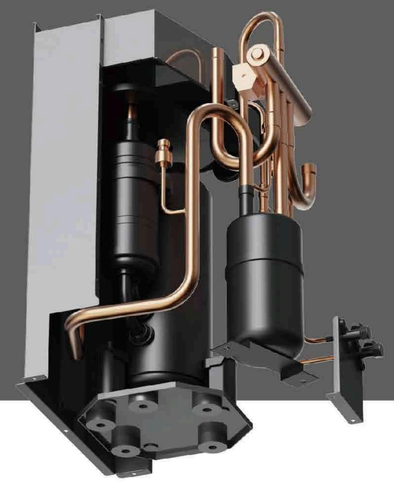
www.westonclimate.com

WESTON
CLIMATE

SIKA
Flow Meter

Original German-Made SIKA Flow Meter

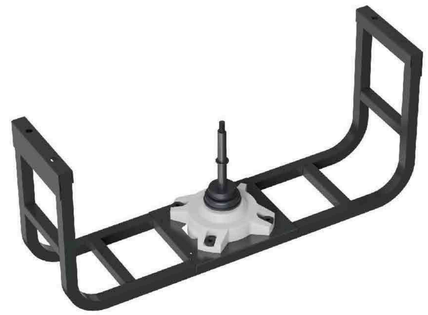
- High precision and repeatability
- Rapid response time
- Excellent environmental adaptability
- Modular and customisable
- Low pressure drop designLow pressure drop design
- No mechanical wear, ensuring a longer service life

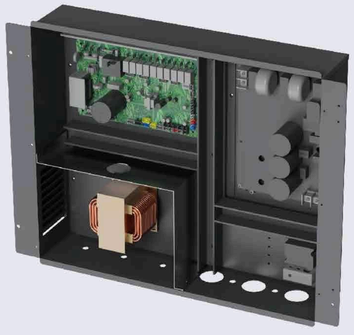


The compressor is enclosed in a sealed cover with a double-layer partition structure, and the inner wall of the cover is lined with sound-insulating cotton. Rubber gaskets are placed between the compressor base and the heat pump structure frame. These design features help to reduce noise levels and extend the compressor's service life.

Fan Motor Extend Service Life Design

The metal protective cover is added to the exterior of the fan motor, with a punched hole at the top of the cover, aligned with the position of the fan output shaft. Additionally, elastic rubber gaskets are embedded into the hole to prevent rainwater ingress and extend the service life of the fan motor.



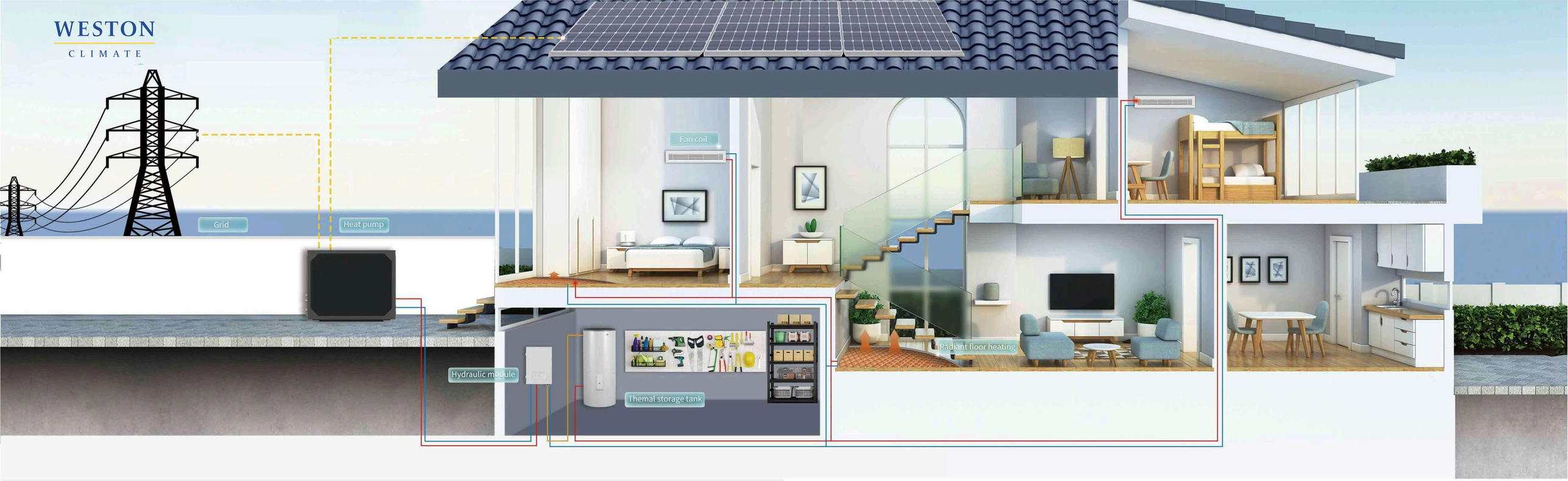


Electronic Control Box Patent

Exothermic electrical components are housed in a separate chamber within a well-sealed, waterproof electrical control box. The side of the chamber is fitted with wind-guided louvres. When the heat pump is operational, part of the airflow enters the chamber, carrying away the heat generated by the exothermic components through top-blown airflow (heat dissipation). This mechanism helps prevent performance degradation of the electrical components caused by high temperatures.

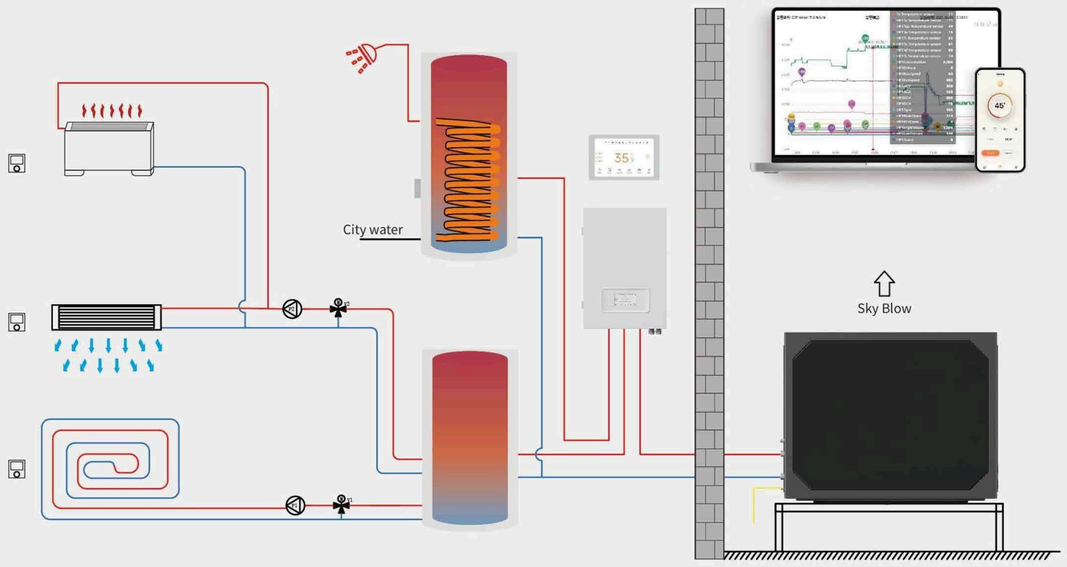
Convenient-Maintenance Electric control box

The electronic control system and the refrigerant circulation pipe system are housed in two entirely separate chambers. The electronic control components are consolidated within a door-type electrical control box. Their inspection and maintenance processes do not interfere with one another, reducing the risk of accidental contact. This independent design optimises the heat pump’ s structural layout and greatly enhances maintenance efficiency and operational safety. It is particularly suitable for installing heat pumps in confined spaces.



Heat pump: a renewable energy source

The heat pump draws free energy from the air and uses it to heat and cool the building, or prepare domestic hot water.



Model		WESTON-JN-MN-TOP-R290-5KW-1F	WESTON-JN-MN-TOP-R290-7KW-1F	WESTON-JN-MN-TOP-R290-9KW-1F	WESTON-JN-MN-TOP-R290-12KW-1F	WESTON-JN-MN-TOP-R290-15KW-1F	WESTON-JN-MN-TOP-R290-15KW-3F
Heating Capacity Range (kW)		2-5	2.4-7	2.8-9	3.2-12	4.9-15	4.9-15
Heating (A7/6°C, W30/35°C)	Heating Capacity (kW)	5.00	7.00	9.00	12.00	15.00	15.00
	Power Input (kW)	1.07	1.52	1.94	2.55	3.19	3.19
	COP	4.68	4.62	4.65	4.70	4.70	4.70
Heating (A7/6°C, W40/45°C)	Heating Capacity (kW)	5.00	7.00	9.00	12.00	15.00	15.00
	Power Input (kW)	1.37	1.94	2.47	3.29	4.16	4.16
	COP	3.65	3.61	3.65	3.65	3.61	3.61
Heating (A7/6°C, W47/55°C)	Heating Capacity (kW)	5.00	7.00	8.50	11.00	14.00	14.00
	Power Input (kW)	1.61	2.26	2.79	3.55	4.59	4.59
	COP	3.10	3.10	3.05	3.10	3.05	3.05
Cooling (A35/24°C, W23/18°C)	Cooling Capacity (kW)	4.50	5.50	7.00	10.00	13.00	13.00
	Power Input (kW)	1.15	1.41	1.84	2.56	3.33	3.33
	EER	3.90	3.90	3.80	3.90	3.90	3.90
Cooling (A35/24°C, W12/7°C)	Cooling Capacity (kW)	4.50	5.50	7.00	10.00	13.00	13.00
	Power Input (kW)	1.61	1.90	2.57	3.57	4.73	4.73
	EER	2.80	2.90	2.72	2.80	2.75	2.75
Power Supply		220~240V/50Hz/60Hz					380~415V/50Hz
Operating Air Temp.(°C)		-25~43					
Max.Outlet Water Temp(°C)		75					