



R290 All-in-one Heating & Hot Water Heat Pump

Picture	
Product	
Model number	WESTON-JN-AO-R290-2.25KW-1F (+ variations)
Space Heating Capacity Range (kW)	2.25 kW + 3/5/8 kW
Hot water Heating Capacity Range (kW)	1.5 kW + 1.5/3 kW
Water Tank Volume (L)	180 L domestic hot water + 65 L buffer tank
Auxiliary Electrical Heater (kW) – Domestic hot water	1.5 kW / 3 kW (Option)
Auxiliary Electrical Heater (kW) – Buffer tank	3 kW / 5 kW / 8 kW (Option)
WIFI	Yes
Heating (A7/6°C, W30/35°C)	
Heating Capacity (kW) (7/6°C)	2.25
Power Input (kW) (7/6°C)	0.58
COP (7/6°C)	3.88
General Info	
Max Power Input (kW)	8.58–11.58 kW
Max Current (A)	38–50.5
Controller	LED
Power Supply	220–240 V ~ / 50 Hz
Operating Air Temp. (°C)	-7 ~ 45
Max. Outlet Water Temp. (°C)	75
Refrigerant	R290
Compressor Brand	GMCC
Brand of EEV	SANHUA
Brand of 4-way valve	SANHUA
Water Tank Material	Duplex Steel 2101 (Option: SS316)
Water Tank Coil Material	Stainless Steel 304 (Option: SS316)
Casing Material	Galvanized Sheet
Max allowed pressure of tank (bar)	10
Inner tank thickness (mm)	1.5
Insulation material	Polyurethane
Thickness of the Buffer tank insulation (mm)	85
Thickness of the DHW tank insulation (mm)	45
Hot water outlet (inch)	G1" (female-thread)
Cold water inlet (inch)	G1" (female-thread)
Sewage draining outlet (inch)	G1/2" (female-thread)
Condensed water outlet (inch)	G1/2" (female-thread)
TP Valve connection	G3/4" (female-thread)
Exhaust air pipe outlet	G1/4" (female-thread)
Electronic Magnesium Rod	Yes
Noise Level at 1 m dB(A)	48
Auxiliary Electrical Heater (kW) – Domestic hot water	3
Auxiliary Electrical Heater (kW) – Buffer tank	8
Unit protection Indoor unit (IP xx)	IPX1
Water Tank Volume (L)	180 L domestic hot water + 65 L buffer tank
Max. discharge pressure (bar)	30
Max. suction pressure (bar)	8.5
Air flow (m³/h)	250
Net Weight (kg)	97–132
Net Dimensions (mm)	Φ640×1910 – 640×1920
Packing Dimensions (mm)	706×706×2020
Container Qty: 20GP / 40GP / 40HQ	24 / 51 / 51

Package contents



Installation User Manual ×1
T/P valve ×2
Relief valve (0.7 MPa) ×2
Exhaust valve ×1
Copper three-way connector ×1
Stainless steel reducing coupling ×1

Stainless steel Pipe cap cover ×1
Male-thread straight-through joint (connect with Relief valve) ×1
PE tube 1.2 m ×1
Ball valve ×1
Male-thread straight-through joint (exhaust air) ×1

