



R290 Monoblock Heating & Cooling & Hot Water Heat Pump Water Heater

FOR HOT WATER



FOR RADIATOR



FOR RADIANT FLOOR



KEY COMPONENTS



DC INVERTER COMPRESSOR

Compared to AC drive technology, DC inverter speed technology usually modulates control process of the compressor more precisely, thus improving transmission efficiency and reducing noise and energy consumption of the compressor.

NOISE REDUCTION TECHNOLOGY

Our heat pump offers offers suspension chassis which can greatly minimize vibration and reduce noise. All-sided of cabinet is fully wrapped with Soundproof sponge material, which can efficiently absorb and block out the noise from compressor operation.



PLATE HEAT EXCHANGER

Thin rectangular channels are formed between various plates, and heat exchange is carried out through the plates, which has the advantage of high heat exchange efficiency.

CIRCULATION WATER PUMP

Connect to the water inlet of the machine to make water flow in the pipe which makes our heat pump installation easier.



PRODUCT ADVANTAGE



WIFI CONTROL
Control your Heat Pump from anywhere via iPhone, Android and the Web with APP



HIGH TEMPERATURE
Our heat pump can heat your home quickly



SG READY
Our heat pump support using the Smart grid ready interface



USB FUNCTION
Convenient program upgrade



LOW NOISE
Heat Pumps operate with market-leading super-low noise levels



RS485 MODBUS
Our heat pump exposes an RS485 interface for communication with extensions.

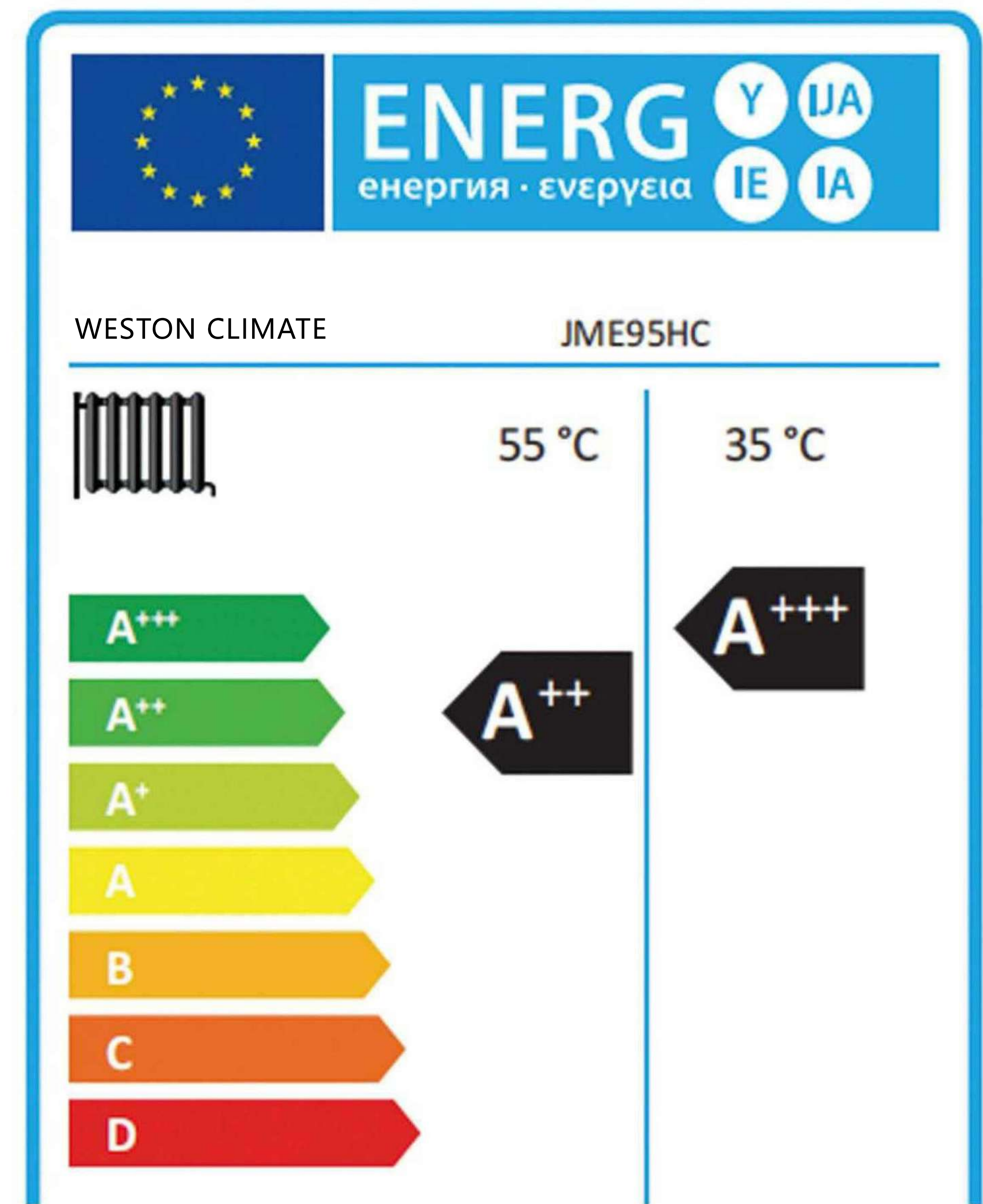


PV READY
With PV ready, our heat pump can connect the PV system



10 SUPPORT LANGUAGES
JNOD is equipped with a user-friendly operation panel, offering support for ten different languages.

ERP LABEL



R290 FULL DC INVERTER Heat Pump has passed the ERP A+++ energy class test of TUV. Its energy efficiency grade can reach A+++ at 35°C. In addition, it has a high SCOP value which ensures the perfect performance and ultra-high energy efficiency of the unit.

TECHNICAL PARAMETER

Model		WESTON-JN-MN-R290-5KW-1F	WESTON-JN-MN-R290-7KW-1F	WESTON-JN-MN-R290-9.5KW-1F	WESTON-JN-MN-R290-12KW-1F	WESTON-JN-MN-R290-15KW-1F	WESTON-JN-MN-R290-22KW-1F
Heating Capacity Range (kW)		1.6-5.4	1.9-7.1	2-9.5	2.8-12	3.5-15	5-22
Heating (A7/6°C W30/35°C)	Heating Capacity (kW)	5.4	7.1	9.3	11.2	14.3	21.1
	Power Input (kW)	1.06	1.48	2.10	2.60	3.31	4.85
	COP	5.09	4.80	4.33	4.31	4.32	4.35
Heating (A-12°C W36/41°C)	Heating Capacity (kW)	2.99	4.40	5.74	7.02	9.06	12.96
	Power Input (kW)	1.09	1.68	2.18	2.68	3.65	5.12
	COP	2.74	2.62	2.63	2.62	2.48	2.53
Cooling (A35/24°C W23/18°C)	Cooling Capacity (kW)	3.45	4.52	5.68	8.89	9.91	15.03
	Power Input (kW)	1.23	1.71	2.02	3.34	4.01	5.29
	EER	2.80	2.64	2.81	2.66	2.47	2.84
Max Power Input (kW)		1.8	2.7	3.5	3.9	4.9	7.3
Max Current (A)		8.6	12.9	16.7	18.7	23.5	34.9
Power Supply		220~240V/50HZ/60HZ					
Operating Air Temp.(°C)		-35~43					
Max.Outlet Water Temp(°C)		75					
Compressor Brand		GMCC(ROTARY)				HIGHLY(ROTARY)	
Noise Level at 1m dB(A)		44	45	46	48	52	55

Model		WESTON-JN-MN-R290-9.5KW-3F	WESTON-JN-MN-R290-12KW-3F	WESTON-JN-MN-R290-15KW-3F	WESTON-JN-MN-R290-22KW-3F
Heating Capacity Range (kW)		2-9.5	2.8-11.5	3.5-15.2	5-22
Heating (A7/6°C W30/35°C)	Heating Capacity (kW)	9.3	11.2	14.3	21.1
	Power Input (kW)	2.10	2.60	3.31	4.85
	COP	4.33	4.31	4.32	4.35
Heating (A-12°C W36/41°C)	Heating Capacity (kW)	5.74	7.02	9.06	12.96
	Power Input (kW)	2.18	2.68	3.65	5.12
	COP	2.63	2.62	2.48	2.53
Cooling (A35/24°C W23/18°C)	Cooling Capacity (kW)	5.68	8.89	9.91	15.03
	Power Input (kW)	2.02	3.34	4.01	5.29
	EER	2.81	2.66	2.47	2.84
Max Power Input (kW)		3.5	3.9	4.9	7.3
Max Current (A)		6.3	6.9	8.8	13.1
Power Supply		380~415V/50HZ/60HZ			
Operating Air Temp.(°C)		-35~43			
Max.Outlet Water Temp(°C)		75			
Compressor Brand		GMCC(ROTARY)		HIGHLY(ROTARY)	
Noise Level at 1m dB(A)		46	48	52	55