

**R410A**

# Split Type Water Heater



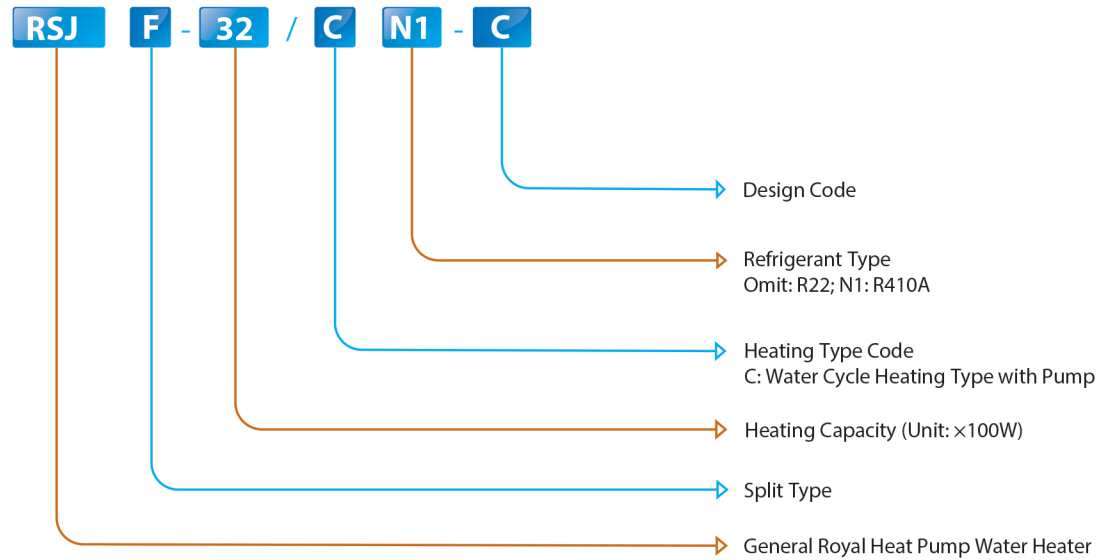
## Features

- Max. water output temperature: 60°C.
- Automatic startup and shutdown, automatic defrost.
- Close refrigerant circuit, easy for plumber installation.
- Built-in water pump.
- Products adopted double-wall heat exchanger is optional.



Double-wall heat exchanger

# Nomenclature



## Wired Controller

- Touch key operation.
- LCD displays operation parameters.
- Multiple timers.
- Real-time clock function.
- Power-off memory function.



Note: It can be applied to most of the General Royal HPWH models by

## Specifications

Model			RSJF-32/CN1-B	RSJF-50/CN1-B	RSJF-72/CN1-B1	RSJF-32/CN1-C	RSJF-50/CN1-C	RSJF-72/CN1-C
Power supply	V/Ph/Hz	220-240/1/50						
Running ambient temperature	°C	-7~43	-7~43	-7~43	-7~43	-7~43	-7~43	-7~43
Output water temperature	°C	Default 50°C, 40°C~60°C						
Water heating	Capacity	kW	3.00	4.30	6.50	3.00	4.30	6.50
	Input	kW	0.81	1.11	1.80	0.87	1.22	1.72
	COP		3.70	3.87	3.61	3.45	3.53	3.78
	Max. current	A	7.5	8.3	15.3	6.8	8.5	12.4
Dimension (W×H×D)	mm	790×765×275	790×765×275	845×945×335	790×765×275	790×765×275	845×945×335	
Packing (W×H×D)	mm	905×807×355	905×807×355	965×1,009×395	905×807×355	905×807×355	965×1,009×395	
Net/gross weight	kg	56/60	62/66	81/86.5	48/52	55/58	68.5/74	
Outdoor noise level	dB(A)	53	55	55	53	55	55	
Air flow	m <sup>3</sup> /h	2,000	2,000	3,200	2,000	2,000	3,200	
Compressor	Type	Rotary						
Fan motor	Type	AC Motor						
Water side heat exchanger	Type	Double-wall heat exchanger				Single-wall heat exchanger		
Air side heat exchanger	Type	Fin-coil						
Water pump	Pump head	m	5.5	5.5	5.5	5.5	5.5	5.5
	Water volume	L/min	10	10	10	10	10	10
Refrigerant	Type/Quantity	kg	R410A/0.95	R410A/1.2	R410A/1.3	R410A/0.7	R410A/0.9	R410A/1.0
	Throttle type		Electric expansion valve					
Water pipeline	Water inlet pipe	mm	DN20	DN20	DN20	DN20	DN20	DN20
	Water outlet pipe	mm	DN20	DN20	DN20	DN20	DN20	DN20
Controller		KJR-51/BMKE-A						
Hot water yield	m <sup>3</sup> /h	0.516	0.74	1.12	0.516	0.74	1.12	
Storage size of optional tank	L	100~300	150~350	300~500	100~300	150~350	300~500	

Remark:  
 1. The test conditions: outdoor temperature 7/6°C(DB/WB), inlet water temperature 30°C, outlet water temperature 35°C.  
 2. The specifications may be changed for product improvement, please refer to the nameplate.