

— SUS 304/316L/Enamel

# All-in-one Heat Pump for Sanitary Hot Water



### High Efficiency, friendly for environment

Energy Class: A++  
Well-known brand compressor, GMCC  
Eco friendly, R1234yf refrigerant, lower GWP  
Aluminum micro channel to increase the heating conductivity

### High reliability

Multi-protection functions  
EXV control technology to achieve accuracy refrigerant control

### Easy Installation and operation

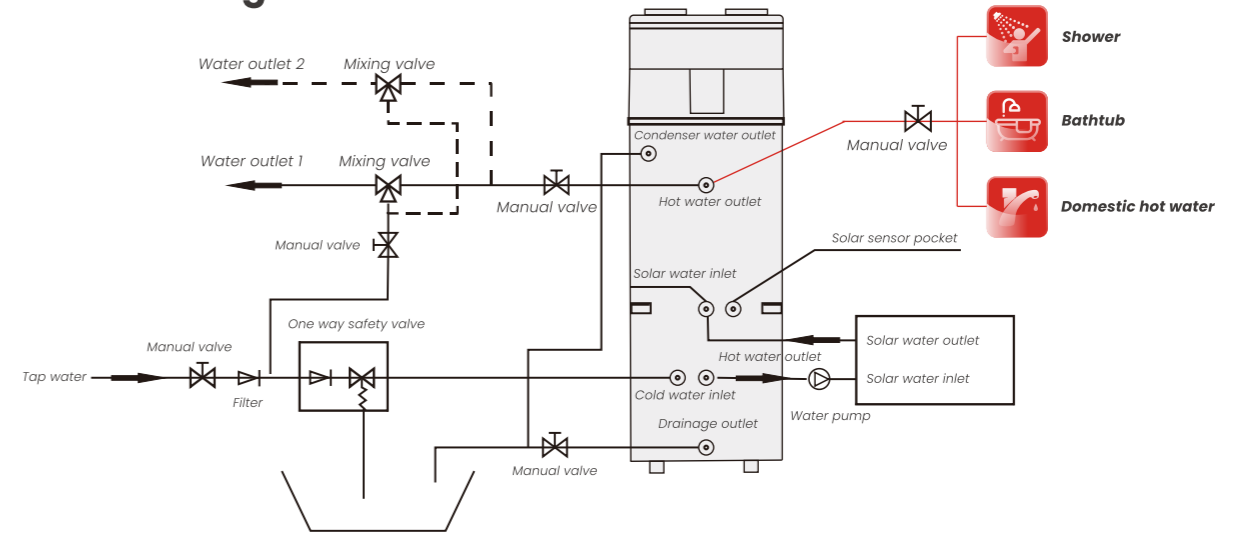
All-in-one design, more convenient for installation, only need to plug in pipes  
Customized design with coil for integration with solar thermal system  
Flexible air duct connection

### Wide working range

Higher outlet temperature up to 70 °C  
Ambient temperature: -5 °C to 43 °C  
Setting temperature: 10 °C to 70 °C  
Tank volume: 200L, 300L



## Installation diagram



## Specifications

TECHNICAL DATA		200L	300L
Norminal Heating Capacity	kW	2.4	
Heating Capacity (20/15 °C)	kW	2.41	2.43
Heating Time (20/15 °C)	H	3.4	5.1
COP (20/15 °C)	W/W	3.805	3.811
Water heating energy efficiency (smart=0) %		156.1%	161.2%
Energy Class (20/15 °C)		A++	A++
Standby power input (20/15 °C)	W	23	24
Noise level	dB(A)	39.6	39.6
Power supply	V/Ph/Hz	220-240/1/50	
Rated Current	A	3.2+9.1 (e-heater)	
Max.water temperature (without using backup heater)	°C	60	
Max. water temperature	°C	70	
Temperature setting range	°C	10-70	
Rated water yield*	L/H	58	
Working temperature range	°C	-5-43	
Max. discharge pressure	bar	26	
Max. suction pressure	bar	10	
Compressor (Brand/Type/Model)		Panasonic/IRS132EAA41	
Compressor displacement	cm <sup>3</sup> /rev	13.2	
Refrigerant type		R1234yf	
Air flow	m <sup>3</sup> /h	650	
Inside body material of tank		SUS 304/316L	
Hot water outlet	inch	G 3/4	G 3/4
Solar heat source inlet/outlet	inch	G 3/4	G 3/4
Cold water inlet	inch	G 3/4	G 3/4
Size of water drain	inch	G 3/4	G 3/4
Condensed water outlet	inch	G 1/2	G 1/2
Net Dimensions	mm	φ569*1920	φ659*1995
Packing Dimensions	mm	650*650*2080	730*730*2160
Net Weight	Kg	72	87
Gross Weight	Kg	87	103