

— 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, R134a refrigerant, lower GWP  
Aluminum micro channel to increase the heating conductivity

### High reliability

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

### Easy Installation and operation

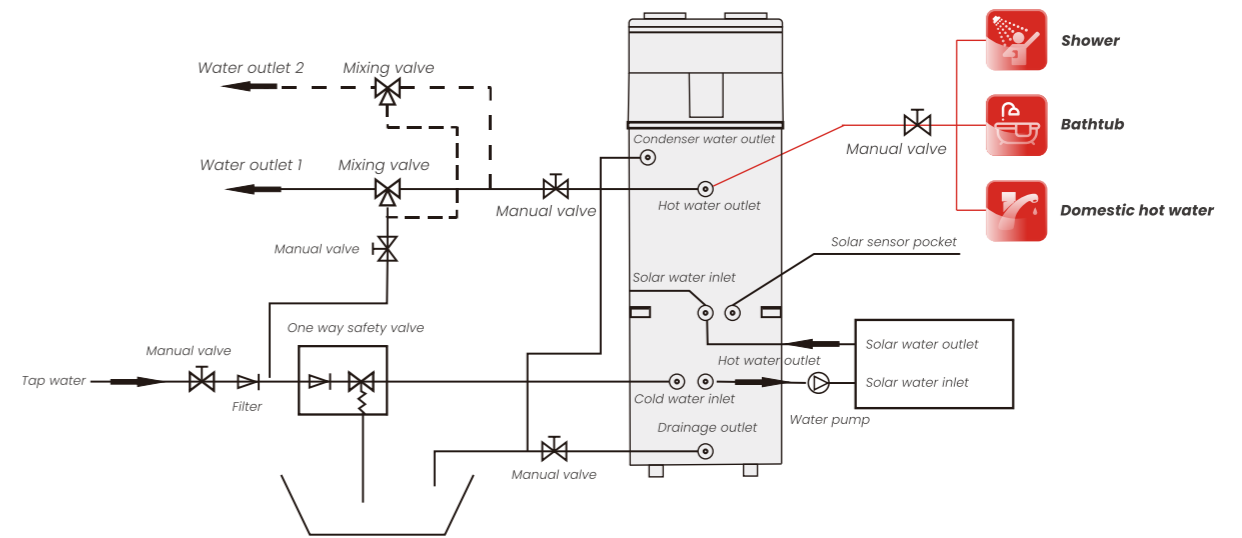
All-in-one design, more convenient for installation, only need to plug in pipes  
Customized design with coil for integration with solar thermal system  
Flexible air duct connection

### 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, 500L



## Installation diagram



## Specifications

TECHNICAL DATA		200L	300L	200L	300L
Power supply	V/Ph/Hz	220~240/1/50		220~240/1/50	
Water tank Volume	L	200	300	200	300
Heating capacity	W	2020		2020	
Max power input	W	700+2000 (e-heater)		700+2000 (e-heater)	
Max current	A	3.2 +9.1 (e-heater)		3.2 +9.1 (e-heater)	
Max. outlet water temperature range (without using E-heater)	°C	60		60	
Max. water temperature	°C	70		70	
Ambient working temperature	°C	-5~+43		-5~+43	
Refrigerant type		R134a/480g	R134a/550g	R134a/505g	R134a/580g
Air flow	m³/h	450		450	
Duct diameter	mm	157(Fit 160mm duct)		157(Fit 160mm duct)	
Max allowed pressure of tank	bar	10		10	
Inside body material of tank		SUS 304/316L		Enamel	
Auxiliary electrical heater	kW	2		2	
Magnesium stick		yes		yes	
Solar heat exchanger		Optional (SUS316 )		Optional (SUS316 )	
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	
Drainage	inch	G 3/4		G 3/4	
Condensed water outlet	inch	G 1/2		G 1/2	
Heat pump heat exchanger material		Aluminum alloy		Aluminum alloy	
Net Dimensions	mm	φ569*1920	φ659*1995	φ569*1920	φ659*1995
Packing Dimensions	mm	650*650*2080	730*730*2160	650*650*2080	730*730*2160
Net Weight	Kg	72	87	95	145
Gross Weight	Kg	87	103	110	162
Noise level	dB (A)	39.1	39.1	39.1	39.1

### NOTES:

\* During disinfection, the max water temperature could reach 70 °C by electrical heater