

SD-S series : Split type Heat Pump Water Heater

Higher COP ≥ 4 up to 75% Energy Savings



Features

- Hot water outlet temperature 55°C
- Automatic controls
- Touch screen multi-functional controller
- Automatic breakdown self-check
- High efficient rotary compressor
- Environment friendly refrigerant
- Polyurethane insulated water tank
- Stand-by electrical heater
- Safe, reliable & eco-friendly
- Low Noise & vibration
- Clean & simple installation
- Storage Tanks combination 150L, 200L, 300L, 500L, 1000L

Heat Pump does not require any electrical back-up heater
It is true 100% Heat Pump using energy from nature

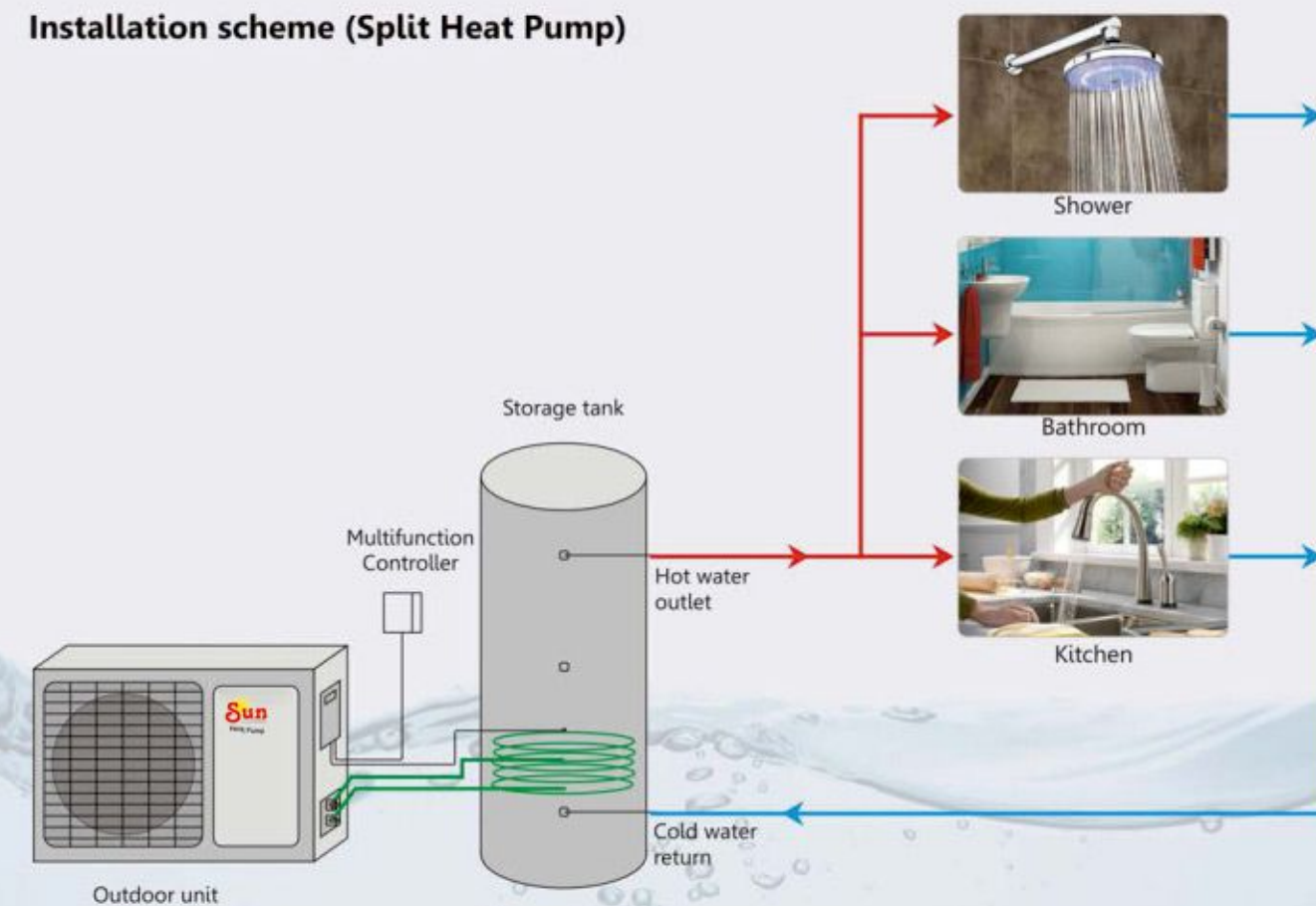
Model		SD-S-35-150/200	SD-S-50-300/500	SD-S-55-500/1000
Power supply	V/Ph/Hz	220-240/1/50		
Ambient temperature	°C	-7 to 46		
Rated heat output	W	3500	5000	5500
Rated hot water output	Lt/h	75	107	118
Input power	W	913	1295	1410
Rated water outlet temperature	°C	55		
Maximum water outlet temperature	°C	60		
Compressor		Rotary type		
Noise	dB(A)	< 50		
Dimension (LWH)	mm	760x256x552	760x256x552	795x255x540
Net weight	kg	29	35	34
Indoor Tank	Ltr	150	300	500
	mm	Φ470x1440	Φ555x1800	Φ690x1850
	Ltr	200	500	1000
	mm	Φ555x1255	Φ600x1950	Φ1000x1950
Water inlet/outlet connections	mm	G 1/2"	G 3/4"	1"
Magnesium rod		Available		
Stand-by electric heater	W	2000	3000	3000
Testing conditions		Inlet water 15°C/Outlet water 55°C (max.60°C) Dry bulb / Wet bulb temperature 20°C/15°C		

Touch screen control (wired)



- Touch screen type automatic multifunction wired controllers
- Heating operation, Cooling operation (where applicable)
- Display of water tank temperature and preset temperature, with function of pipe temperature, ambient temperature, exhaust air temperature
- Save all parameters automatically when power off and all the parameters recover after power on.
- Clock remain on when power off without bother of adjust parameters after power on
- With the peak load shifting function, can adjust two times scheduled on/off in 24 hours
- All parameters setting & amending
- Electric heater function
- Defrost automatically functions
- Forced defrost function
- Large touch keys and bright LCD display
- Smart operation thru WI-FI (optional)

Installation scheme (Split Heat Pump)



SC-H-M series: Monoblock type Heat Pump Water Heater

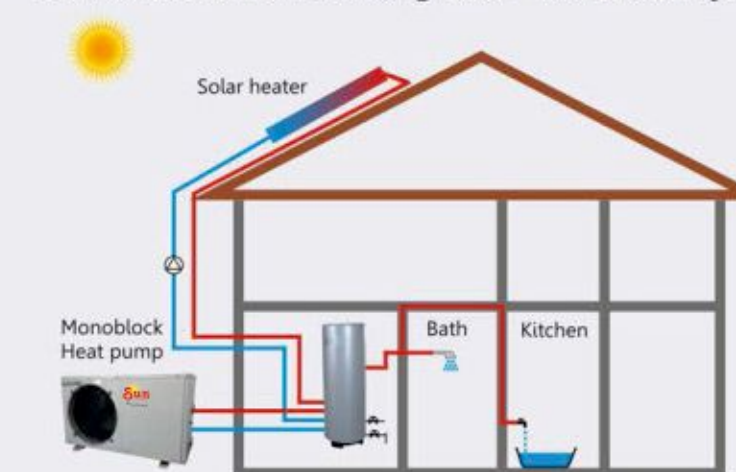
Higher COP ≥ 4 up to 75% Energy Savings



Features

- Hot water outlet temperature 55°C
- Built-in water circulating pump
- Automatic controls
- Touch screen multi-functional controller
- Automatic breakdown self-check
- High efficient rotary compressor
- Environment friendly refrigerant
- Clean & simple installation
- Storage Tanks combination 300L, 500L, 1000L, 1500L, 2000L

Combination for existing Solar hot water system



If you are annoyed by the unstable hot water supply of your solar heater system, this easily installed revolutionary system can be an ideal solution

- Efficiently guarantees supply of low cost hot water
- Utilize the energy from both Sun & Air, the innovative system helps to increase the performance greatly
- Even in monsoon season you will get hot water consistently
- Smart controls for 24x7 hot water

Model		SC-H-40M	SC-H-60M	SC-H-72M	SC-H-100M
Power supply	V/Ph/Hz	220-240/1/50			
Ambient temperature	°C	-7 to 46°C			
Rated heat output	W	3800	5750	6800	9500
Rated hot water output	L/h	80	120	142	196
Rated power	W	908	1376	1650	2370
Rated current	A	3.95	5.98	7.45	9.96
Water circulating pump		Rotary			
Rated water outlet temperature	°C	55			
Max. water outlet temperature	°C	60			
Compressor		Fully closed rotaoy type			
Noise	dB(A)	< 50	< 52	< 54	< 56
Net weight	kg	55	67	69	89
Dimension (LWH)	mm	936x375x605	936x375x605	936x375x605	1048x375x605
Testing conditions		Inlet water 15°C/Outlet water 55°C (max.60°C) Dry bulb / Wet bulb temperature 20°C/15°C			

Touch screen control (wired)



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- With the peak load shifting function, can adjust two times scheduled on/off in 24 hours
- All parameters setting & amending
- Electric heater function
- Defrost automatically functions
- Forced defrost function
- Large touch keys and bright LCD display

Standard installation scheme for hot water

