

## SUNTEC SD-S series : Split type Heat Pump Water Heater

**Higher  
COP  $\geq 4$   
up to 75%  
Energy  
Savings**



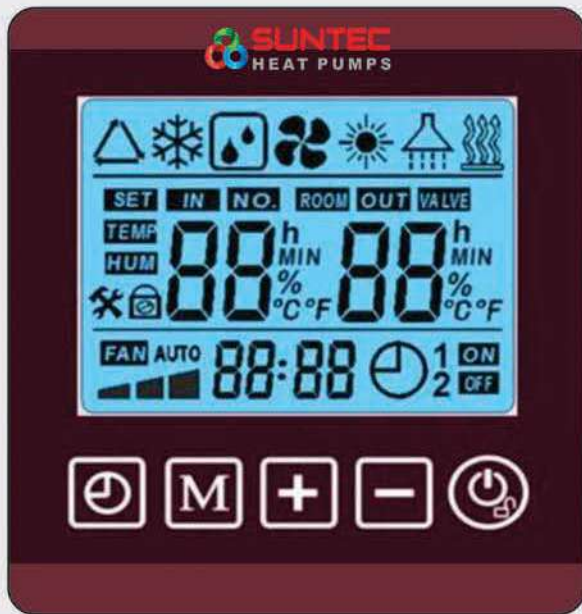
### Features

- 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

**SUNTEC 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	0-46		
Rated heat output	W	3500	5000	5500
Rated hot water output	Lt/h	75	107	118
Input power	W	860	1260	1410
Rated water outlet temperature	°C	55		
Maximum water outlet temperature	°C	60		
Compressor		Rotary type		
Noise	dB(A)	≤ 50		
Dimension (LWH)	mm	760x256x552	780x258x540	795x255x540
Net weight	kg	29	35	34
Indoor Tank	Ltr	150	300	500
	mm	Φ470x1440	Φ560x1830	Φ690x1850
	Ltr	200	500	1000
	mm	Φ520x1580	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)

