

SM-654 Solar Heat Pump Hot Water Heater

Model		SM-654-53 Gallons	SM-654-80 Gallons
Outdoor Unit Model		DRSA1-ACDC-37	DRSA1-ACDC-41
Water Tank Model		53 Gallons	80 Gallons
Rated Grid Power(AC)		208V~240V/50~60Hz	
Solar Panel Power(DC)		80-380V	
Heating Capacity	W/Btu	3700/12000	4100/14000
Water Heating Capacity	Gallon/h	21	23
COP	W/W	4.30	4.22
Rated Power Consumption	W	860	972
Rated Current	A	4.0	4.5
Max Power consumption	W	1300	1600
Max Current(AC)	A	6.0	7.4
Max Current(DC)	A	12.0	12.0
Water Proof Level		IPX4	
Electric Shock Prevention		Class I	
Refrigerant		R410A	
Compressor		Rotary	
Water Side Heat Exchanger		micro-channels	External
Air Side Heat Exchanger		Finned tube	
Fan Power Input	W	40	40
Water Tank rated volume	L	53	80
Number of Applicable Users	Gallon	3~5	4~6
Max Water Pressure	Mpa	0.8	
Inlet/Outlet Connector Diameter	inch	G3/4"	
Noise Level	dB(A)	50	52
Connecting Pipe Diameter	inch	1/4"+3/8"	
Net/Gross Weight (Outdoor)	lb	74/83	
Net/Gross Weight (Tank)	lb	132/150	176/203
Dimension(Outdoor)	inch	32"x22"x13"	
Dimension(Tank)	inch	Φ21"×63"	Φ23"×72"
Packing Dimension(Outdoor)	inch	36"x25"x16"	
Packing Dimension(Tank)	inch	22"x22"x66"	24"x24"x75"
Rated Outlet Temperature	Fahrenheit	131	
Safety Outlet Temperature	Fahrenheit	140	
Operating Ambient Temperature	Fahrenheit	5~109	