



YOUR RELIABLE
PARTNER FOR
SOLAR ENERGY
SINCE 1992

A photograph of a modern bathroom. A large, white, oval-shaped bathtub is the central focus. Behind it is a large window with a grid pattern, letting in bright light. To the left of the tub, a small round table holds a white vase with a few white flowers. To the right, a modern, curved faucet is visible. The overall aesthetic is clean and minimalist.

EFFICIENT HOT WATER SYSTEM FOR MODERN LIVING

CATERING TO HOT WATER NEEDS ANYTIME, ANYWHERE

EMMVEE HEAT PUMP WATER HEATER

Emmvee is an intelligent solar solutions producer born from an idea to implement green energy to better use. We aim at providing universally designed products to support all kinds of contemporary and sustainable living. Amidst our industrial product range, Photovoltaics and Solar Water Heating Systems are our strongest since inception in 1992.

Are you worried about choosing a functional centralised water heating system in your dream house?

Emmvee Solar System introduces the Heat Pump based water heaters. Our Heat Pump based water heaters are superior in engineering and design. The cutting edge technology enables the heater to absorb heat from the atmosphere and heat up the water in the tank, consuming only about 1/4th of electrical energy. Solarizer Heat Pump is a necessity in all residences with contemporary set-ups as it can provide bulk hot water at a desired temperature for the modern jet shower, rain shower and jacuzzi.

BENEFITS



SUPERIOR
PERFORMANCE



EFFICIENT WATER
HEATING



CLEAN AND
HYGIENIC WATER



BULK HOT WATER



HOT WATER ON
CLOUDY DAYS



1 YEAR WARRANTY



3.8
COP
COP OF HEAT PUMP
IS MORE THAN 3.8



LESS CONSUMPTION
OF ELECTRICAL ENERGY

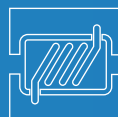


QUICK AFTER-SALES
SERVICE

FEATURES



Emmvee's unique glass enameled tank prevents the build-up of rust and bacteria, keeping your hot water clean and hygienic.



Solarizer heat pump water heater comes with factory fitted magnesium anode which protects the tank against corrosion enhancing the life of the storage tank.



The heat pump based water heater absorbs heat from the air and heats up the water in the tank, consuming only about 1/4th of the electrical energy.



The heat pump efficiency is measured in a unit called COP (Co-efficient of Performance). A typical heat pump's COP would be between 2.5-4 depending upon the season and other factors.

SPECIFICATION

SOLARIZER SPRING HPSV-500-13 (SOLAR + HEAT PUMP HYBRID SYSTEM)

STORAGE TANK	500 LITRES (VERTICAL)	GLASS ENAMEL COATED
HEAT PUMP	1.3 Kw (INPUT)	AIR SOURCE, SINGLE PHASE
VOLTAGE	230 V / 50 Hz	
TANK INSULATION	50 mm	PUF
ANODE	MAGNESIUM (Mg)	
OUTER CLADDING	PRE-COATED STEEL	
PRESSURE SAFETY VALVE	6 BAR	
HEAT PUMP TO TANK INTERCONNECTING PIPE	CPVC (SUITABLE FOR HOT WATER)	
SOLAR PANEL TO TANK INTERCONNECT	COPPER WITH INSULATION	
CIRCULATION SYSTEM	INTEGRATED PUMP STATION	
WATER QUALITY	TDS < 2500 Mg/L	
SOLAR PANEL	STANDARD 2 (CAN BE INCREASED DEPENDING ON THE HEATING LOAD REQUIRED)	2 m ² PER COLLECTOR



SOLARIZER SPRING HPSH-300-09

SOLARIZER SPRING HPSH-500-13 (SOLAR COLLECTOR COMPATIBLE)

STORAGE TANK	300 LITRES (HORIZONTAL)	500 LITRES (HORIZONTAL)	GLASS ENAMEL COATED
HEAT PUMP	0.9 Kw (INPUT)	1.3 Kw (INPUT)*	AIR SOURCE, SINGLE PHASE
VOLTAGE	230 V / 50 Hz	230 V / 50 Hz	
TANK INSULATION	50 mm	50 mm	PUF
ANODE	MAGNESIUM (Mg)	MAGNESIUM (Mg)	
OUTER CLADDING	PRE-COATED STEEL	PRE-COATED STEEL	
PRESSURE SAFETY VALVE	6 BAR	6 BAR	
HEAT PUMP TO TANK INTERCONNECTING PIPE	CPVC (SUITABLE FOR HOT WATER)	CPVC (SUITABLE FOR HOT WATER)	
SOLAR PANEL TO TANK INTERCONNECT	COMPOSITE PIPE WITH BRASS FITTINGS	COMPOSITE PIPE WITH BRASS FITTINGS	
WATER QUALITY	TDS < 2500 Mg/L	TDS < 2500 Mg/L	
SOLAR PANEL	3	4	1.6 m ² PER COLLECTOR

*HEAT PUMP 1.8 Kw OPTIONAL



SOLARIZER SPRING HPH-300-09

SOLARIZER SPRING HPH-500-18 (SOLAR COLLECTOR COMPATIBLE)

STORAGE TANK	300/500 LITRES (HORIZONTAL)	GLASS ENAMEL COATED
HEAT PUMP	1.3/1.8 Kw (INPUT)*	AIR SOURCE, SINGLE PHASE
VOLTAGE	230 V / 50 Hz	
TANK INSULATION	50 mm	PUF
ANODE	MAGNESIUM (Mg)	
OUTER CLADDING	PRE-COATED STEEL	
PRESSURE SAFETY VALVE	6 BAR	
HEAT PUMP TO TANK	CPVC	
INTERCONNECTING PIPE	(SUITABLE FOR HOT WATER)	
WATER QUALITY	TDS < 2500 Mg/L	



SOLARIZER SPRING HPV-500-18

STORAGE TANK	500 LITRES (VERTICAL)	GLASS ENAMEL COATED
HEAT PUMP	1.8 Kw (INPUT)	AIR SOURCE, SINGLE PHASE
VOLTAGE	230 V / 50 Hz	
TANK INSULATION	50 mm	PUF
ANODE	MAGNESIUM (Mg)	
OUTER CLADDING	PRE-COATED STEEL	
PRESSURE SAFETY VALVE	6 BAR	
HEAT PUMP TO TANK	CPVC	
INTERCONNECTING PIPE	(SUITABLE FOR HOT WATER)	
WATER QUALITY	TDS < 2500 Mg/L	



EMMVEE SOLAR SYSTEMS PRIVATE LIMITED

Corporate Office: No. 13/1, International Airport Road,
Bettahalasuru Post, Bengaluru - 562157, India

Phone: +91 802217 4328, +91 802217 4333

info@emmvee.in | www.emmvee.com

(An ISO 9001:2015 & ISO 14001:2015 Certified Company)

