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**COSMIC**<sup>®</sup>  
www.cosmicenergy.in

## Cosmic Air source heat pump Hot water 24x7



- ▶ **Eco Friendly**
- ▶ **Energy Saver**
- ▶ **Reliable**
- ▶ **Economical**
- ▶ **Life time Support**



**COSMIC MICRO SYSTEMS PRIVATE LIMITED**  
Bengaluru

REACH US.

**98800 15550**

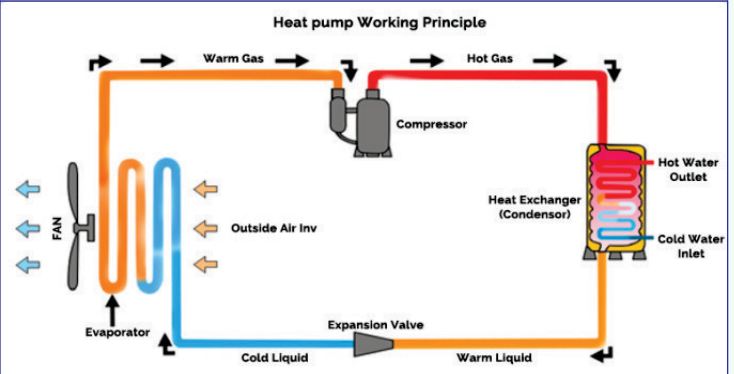
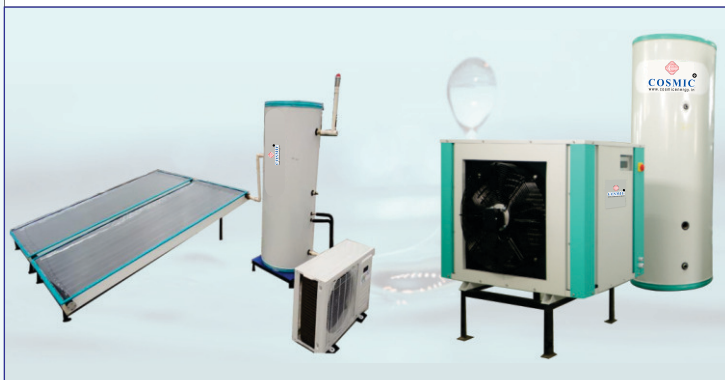
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# Technical Specification

COSMIC HEAT PUMP MODELS	CHP100	CHP150	CHP250	CHP350	CHP550	CHP600	CHP1100	CHP1500	CHP2000
Rated Input Power - Kw	1	1.5	2.5	3.5	5	5.5	10	15	20
Rated Output/ Heating Capacity - Btu	4	6	10	15	22	24	44	60	80
Hot Water Quantity litre/ Hour	100	150	250	350	550	600	1100	1500	2000
Refrigerant	R134A/R410A/R417A								
Compressor Type	Rotary	Rotary	Hermetic /Scroll	Hermetic /Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Make	GMCC	Hitachi	Copeland /sanyo	Copeland /sanyo	Copeland	Copeland	Copeland	Copeland	Copeland
Heat Exchanger	Tube in Tube								
Inter Circulation Pump Make	Wilo/Pedrollo/sumo/Grundfos								
Protections Paramaters	Single Phase Preventor/ High Pressure/Low Pressure /Over Load Protections/Flow Switch,etc								
Maximum Temperature	60 Degree Celsius/80 Celsius								
Dimensions - mm (LxBxH)	860/830/720		1020x53 5x725	1020x53 5x725	1150x730x 780	1560x935x1460			
Net Weight - kg	70	90	100	110	140	140	300	420	900

## Introduction

Cosmic Micro Systems Pvt Ltd is a Indian based company and are into the manufacturing of Heat Pump Water Heater/Heat Pump Swimming Pool Heater / Heat Pump Dryers / Hot Water Storage Tank Under the Brand name Cosmic. Using Renewable energy heat source from the ambient air to heat water these heaters can provide hot water round-the-clock and throughout the year in an energy efficient and affordable way. Get non-stop hot water in second any where in the building using a cosmic heat Pump water Heater, while Saving as much as 70% TO 80% on your Heating costs. The heat pump absorbed energy from the atmosphere and heat water round the Clock, irrespective of the weather. Ideally suitable for hospitals, hotels Resort, Hostels & PGs,Villas Residential etc.



### ADVANTAGES OF COSMIC HEAT PUMP

- 24/7 Hot Water availability, Reduce the CO2 Emission, Works in any type of climate
- Saves 70% to 80% of energy when Compared to Traditional Heating methods
- Easy and Flexible installation, It can be clubbed with the existing solar system
- Requires less area for installation. Durability: long lifespan with least maintenance.
- Equipped with fully automatic and intelligent controllers and no need human attention once commissioned.
- Cosmic Heat Pump is Service friendly & we can get all spare parts in any local markets all over India

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