



SURYA INDUSTRIES

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REGISTERED OFFICE/ FACTORY:

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Hot water, the savior of winters

We are the Premier manufacturer of **Wood and Diesel Fired Water Heaters**. We greatly involved in nourishing the people life with our Innovative hot water systems. Customer satisfaction is our top priority. Each product undergoes rigorous testing to ensure exceptional quality. Experience excellence with Surya Water Heaters and choose our generators for your hot water solutions.

- ✚ More Resorts struggling to provide adequate hot Water during their Peak demand Periods to all the guests simultaneously because of insufficient supply.
- ✚ Interruptions of energy source (Electricity) in Hills stations, can lead to temporary loss of Hot water.
- ✚ But it is especially prevalent by **SURYA DIESEL FIRED HOT WATER Generator**.

Here, Why SURYA DIESEL FIRED HOT WATER GENERATOR? It is an advanced water heating system with lowest fuel consumptions. It is affordable and suitable for Resorts, Hotels, Hospitals, Hostels, Dairy farms, Poultry farms and etc. In terms of recurring running cost, it is **cheaper than any other systems**. Most European countries adopt this system.

- ❖ **Hot water in just 10 minutes**
- ❖ **At a time, we can supply hot water to 100 + rooms**
- ❖ **Minimum Usage of Diesel (just 150 ml of Diesel for 50 People to give 60°C). So, cost wise cheapest among all systems.**
- ❖ **The operational cost limited to the extent of hot water drawn. (Cuts off automatically once the water is heated so minimum operational cost)**
- ❖ **As Fully automatic (Cut downs automatically so, very minimum amount of diesel will be used), Hassle-free hot Water at any Time.**
- ❖ **Our product is well tested and compact size so, easy to maintain. (Hot water can be drawn to top floor very easily)**
- ❖ **Provides Continuous Output with Unlimited supply of Hot Water. Our Products are available at economical market rates.**

Product Model



Model	Rooms	Fuel consumption per Hrs.	Rooms	Fuel consumption per Hrs.	Measurement
	Capacity In Non-Hill Stations	Non-Hill Stations	Capacity In Hill Stations	Hill Stations	
<i>RC 85</i>	<i>30</i>	<i>3 L</i>	<i>10</i>	<i>3 L</i>	<i>40*32*36</i>
<i>RDB 100</i>	<i>60</i>	<i>3 L</i>	<i>20</i>	<i>4 L</i>	<i>46*32*40</i>
<i>RDB 125</i>	<i>80</i>	<i>3.5 L</i>	<i>35</i>	<i>5 L</i>	<i>55*32*40</i>
<i>RDB 150</i>	<i>100</i>	<i>4 L</i>	<i>50</i>	<i>6 L</i>	<i>66*32*40</i>

MECHINICAL PROPERTIES:

- Yield Strength: Up to 435 N/mm²
- Tensile Strength: Up to 400 N/ mm² Elongation: approx. 25%
- **Bruner Running:** AC 2.18 Amps

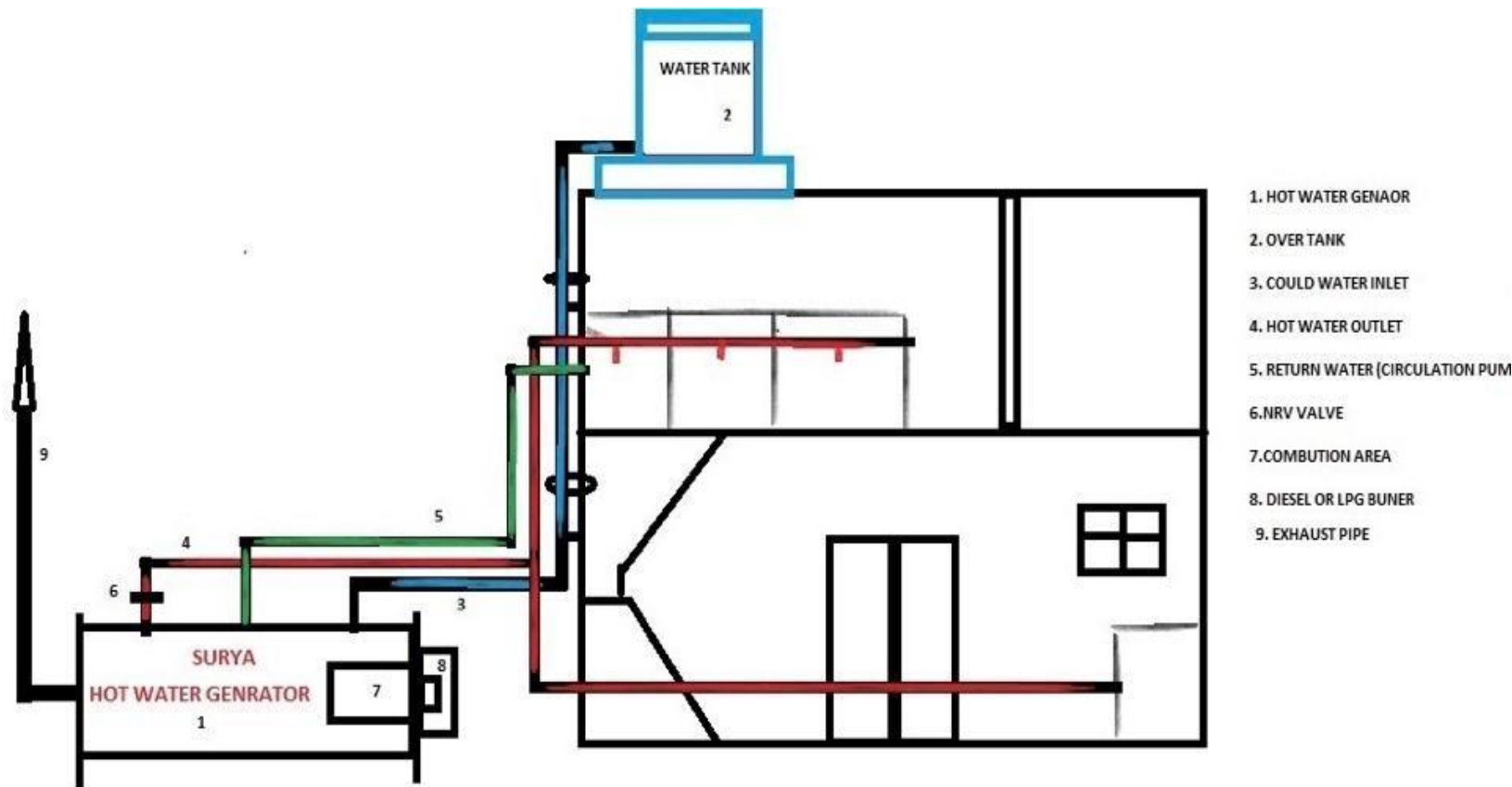
We supplied our product to premium top resorts Hotel Maple suites, Rose Field Heritages Stage, Kodai kings Park, Ezhil Residency, GPS Hotel, Merumal Mazhali, English Holiday,

Surya Diesel Fired Hot Water Generator is Cheap among all the Systems and here is the Cost Comparison table over other systems.

Table	SURYA Hot water Generator	Wood Fire Boiler	Electrical Geyser	Solar Water heater	Diesel Boiler With Storage tank type	Heat pump Electric Operated
Fuel	Diesel	Waste Wood	Electricity	Solar	Diesel	Electricity
Unit cost	Rs. 100 /Ltr	Rs. 15/kg	Rs. 12/unit	Rs. 12/unit For electrical backup	Rs. 100 /Ltr	Rs. 12/unit
Hot Water Temperature	70°C	60°C	60°C	60°C	60°C	55°C
Hot Water Output	1400 Ltr	1200 Ltr	1000 Ltr	1000 Ltr/day	1200 Ltr	1200 Ltr for 10 hours
Operating Time	1 hour	2 hours	1 hour	One day	1 hour	10 hours
Fuel Consumption per hour	3 Lit	30 kg	45 kw/ 45 unit	18 kw/18 * 2 hrs. per day = 36 units	9 ltr + 2 units power	5.58 kw * 10 hrs. for 1200 ltr = 55.8 unit
Cost in Rs.	300.00	450.00	540.00	432.00	604.00	670.00
System Cost	Rs. 2.2 L	Rs. 0.90 L	Rs. 2 L	Rs. 3 lacs	Rs. 7 lacs	Rs. 2 lacs
System model/Capacity	RC 85	500 L	25 L * 20 nos	1200 LPD	1 Ton Boiler	Per hour 120 ltr model
Space Required	25 Sqft	4 B * 6.5 H feet	Nil	1500 Sqft	25 Sqft	25 Sqft
Cost of Hot Water Per Person (25LTR)	Rs. 5.35	Rs. 9.3	Rs. 8.20	Rs. 10.00	Rs. 19.00	Rs. 14

How Hot Water Plays a major role in Customer satisfaction and repeat business in Resorts

- ❖ Guests staying at resorts expect a certain level of comfort and luxury during their stay. Access to **hot water allows** them to indulge in **relaxing showers or baths, enhancing their overall experience.**
- ❖ Hot water is essential for maintaining proper **hygiene standards.** It helps in effectively cleaning dishes, linens, and towels, ensuring that guests are provided with clean and sanitized amenities.
- ❖ Many resorts **offer spa facilities** where hot water is a fundamental component for treatments such as steam baths, hot tubs, and hydrotherapy. These amenities contribute significantly to the **overall relaxation and wellness experience of guests.**
- ❖ Consistent access to hot water contributes to **guest satisfaction.** Satisfied guests are more likely to return to the resort for **future stays** and recommend it to others, thereby **boosting business and revenue.**

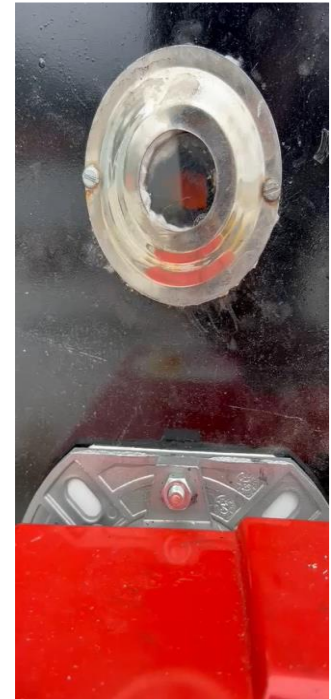


Surya Diesel fired Hot water generator offers reliable and efficient performance, ensuring a consistent supply of hot water for hotel guests. The automatic operation eliminates the need for a dedicated attendant, saving on man power and reducing operational costs. Additionally, the generator quickly generates hot water within 10 minutes of activation, providing convenience and comfort to guests

Cost-effectiveness is another key advantage of the Surya hot water generator. With an average cost of approximately 70 paisa per person for a normal bath, it offers efficient fuel consumption and ensures cost control. This system is adaptable to different hotel sizes 10-150 rooms.

Maintenance requirements are minimal, reducing downtime and ensuring un interrupted hot water supply. Surya, with its industry experience in manufacturing heating solutions, has a reputation for delivering high-quality products that meet industry standards and exceed customer expectations. In summary, by choosing the Surya Hot Water Generator, hotels can enjoy reliable hot water supply.





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