

ABOUT US

Energol Biopower®, a trusted name since its establishment in 2013, stands out in the market for its commitment to manufacturing, supplying, and distributing innovative biomass-to-energy products.

Introducing the ESB-R Green- Agnika10, a remarkable addition to our product lineup. Designed specifically for small confectionery businesses like tea/coffee stalls, samosa/kachori stalls, or small PG houses, this 10” smokeless biomass stove is engineered for excellence.

Crafted from durable mild steel (MS), the ESB-R Green- Agnika10 ensures longevity and reliability, promising years of efficient performance. Equipped with a 4” AC fan, it provides optimal ventilation for enhanced cooking experiences. Moreover, its adjustable flame feature empowers users to tailor heat levels to their precise requirements, ensuring perfect results every time.

Experience the quality and convenience that Energol Biopower® brings to the table with the ESB-R Green- Agnika10. Elevate your culinary endeavours with our cutting-edge biomass-to-energy solutions.

ESB-R GREEN-AGNIKA10



10” SMOKELESS BIOMASS STOVE/BHATTI



KEY FEATURES OF ESB-R GREEN-AGNIKA10

ESB-R Green-Agnika10 biomass stove has some unique features that make it more advantageous than other available biomass stoves in the market. They are as follows:

- ✓ It is more efficient than traditional chulha.
- ✓ It is a reliable, rugged, and compact system.
- ✓ It has low maintenance requirements and is easy to operate.
- ✓ Accessible to both urban and rural populations.
- ✓ It reduces the use of fossil fuels.
- ✓ It promotes sustainable fuel usage by efficiently utilizing biomass materials such as agricultural residues, wood pellets, or crop wastes, thereby reducing the demand for traditional fuel sources and mitigating deforestation pressures.
- ✓ As it comes with enclosed combustion chambers or temperature control mechanisms, it reduces the risk of accidental fires or burns.
- ✓ An eco-friendly product with low emission & no soot.



60% more cost-effective than LPG gas stoves.



Return on investment in 2 months.



Wood waste, cow dung cakes, coal, or briquettes can be used



TECHNICAL SPECIFICATIONS

Sr. No.	Particulars	Details
1.	Make	Energol Biopower®
2.	Fuel Mode	100% Biomass
3.	Stove Type	Force-draft
4.	Feeding Mode	Manual
5.	Feeding System	Top Feeding
6.	Made of	Mild Steel
7.	Thermal Output	12500-25000 Kcal/hr.
8.	Accepted Moisture in Fuel	Less than 20%
9.	Ash Removal Mode	Manual
10.	Flame Regulator	Provided to adjust the flame
11.	Thermal Efficiency	35.5%

Model Name
Green-Agnika10

Model No.
ESB-R/GA10

Power
Required
4" AC Fan

Biomass
Consumption
05-10kg/hr.

Stove Size
H16" x W14"

Weight
40-50kg
Approx.



RETURN ON INVESTMENT (ROI)

Sr. No.	Particular	Details
1.	LPG commercial cylinder cost	Rs.1819/-
2.	1kg LPG is equal to	5kg wood chips
3.	Biomass wood chips to replace one LPG commercial Cylinder	95kg (5 x 19)
4.	Total biomass cost to replace 1 LPG cylinder	Rs.665 (95 x 7) (considering wood cost Rs.7/kg)
5.	Saving per LPG cylinder	Rs.1,154/- (1819-665)



**1kg
LPG**

**5kg
Wood**

**SAVE
Rs.1,154/-
PER CYLINDER**



APPLICATIONS



At Poha Stalls



At Samosa stall



At Pakora & snack shops



At Kachori stall



Prepare food for 50 people



At Mess & Canteen



At hotel & Dhaba



At tea & coffee stall



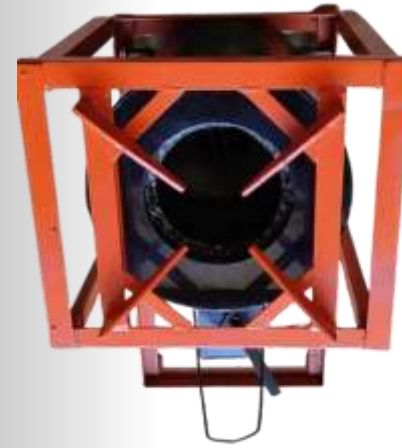
At street food stalls



At Idli-dosa stalls



ESB-R GREEN-AGNIKA10 PICTURES



CONNECT US ON YOUTUBE

- ✓ <https://www.youtube.com/watch?v=7MVHph7NfkY>
 - ✓ <https://www.youtube.com/watch?v=hoFHYyMAstY>
 - ✓ <https://www.youtube.com/watch?v=-XmU5L6lytM>
 - ✓ https://www.youtube.com/watch?v=-dsKwNdd_IY
 - ✓ <https://www.youtube.com/watch?v=vY73UXW6aIM>
- ✓ <https://www.youtube.com/watch?v=FYPajsGRrrw>
 - ✓ <https://www.youtube.com/watch?v=6cYUyY25OXE>
 - ✓ <https://www.youtube.com/watch?v=qPXbaBs1cgU>
 - ✓ <https://www.youtube.com/watch?v=qT4slGGJefl>
 - ✓ <https://www.youtube.com/shorts/JL5d8YCauic>

- ✓ https://www.youtube.com/shorts/YdZkz_QbkLU
 - ✓ <https://www.youtube.com/watch?v=LKDlbvXdHyM>
 - ✓ <https://www.youtube.com/watch?v=PfQVa7wNUBU&t=33s>
 - ✓ <https://www.youtube.com/watch?v=RjHPXigdAa8>
 - ✓ <https://www.youtube.com/watch?v=7MVHph7NfkY&t=116s>
 - ✓ <https://www.youtube.com/watch?v=LKDlbvXdHyM>
- ✓ <https://www.youtube.com/watch?v=5zYZ5I5zBfc>
 - ✓ <https://www.youtube.com/watch?v=0AhISC5Dw00>
 - ✓ https://www.youtube.com/watch?v=mkyeqDBI_2Y
 - ✓ <https://www.youtube.com/watch?v=W9HXk2M-Mgw>
 - ✓ <https://www.youtube.com/watch?v=l8NuflvOH4k>
 - ✓ <https://www.youtube.com/watch?v=Rpp17MmDRilQ>



OUR PRESTIGIOUS PARTNERS

- ✓ Mr. Gajanan Nivruti Akat, Jalna, Maharashtra.
- ✓ Balaji Misthan Bhandar, Churu, Rajasthan.
- ✓ Jay Bhawani Namkeen, Jhotwara, Jaipur, Rajasthan.
- ✓ Godavari Agro Sprayers Pvt. Ltd., Nashik , Maharashtra.
- ✓ Mr. Rahul R. Kale, Mumbai, Maharashtra
- ✓ Jagmal Jat, Chandigarh.
- ✓ Girdhar Namkeen & Misthan, Pali, Rajasthan.
- ✓ Prashant Ashok Jorapur, Belgaum. Karnataka.
- ✓ M/S Mehta Stone Consortium, Sotanala, Alwar, Rajasthan.
- ✓ Sak Catering Service, Madhya Pradesh.
- ✓ Sri Durga Ice Magic, Kothagundem, Telangana.
- ✓ Jai Bajrang Yuvak Education Cheritable Trust, Rajkot.



OUR PRODUCTS SOLD IN INDIA

- ✓ Jammu & Kashmir
- ✓ Himachal Pradesh
- ✓ Chandigarh
- ✓ Punjab
- ✓ Uttarakhand
- ✓ Haryana
- ✓ Delhi
- ✓ Rajasthan
- ✓ Uttar Pradesh
- ✓ Gujarat
- ✓ Madhya Pradesh
- ✓ Chhattisgarh
- ✓ Maharashtra
- ✓ Telangana
- ✓ Pondicherry
- ✓ Tamil Nadu
- ✓ Kerala
- ✓ Jharkhand
- ✓ West Bengal
- ✓ Sikkim
- ✓ Meghalaya
- ✓ Assam
- ✓ Bihar
- ✓ Arunachal Pradesh
- ✓ Orissa
- ✓ Goa
- ✓ Karnataka
- ✓ Andhra Pradesh



ESB-R BIOMASS STOVE RANGE

ESB-R
Bio-Nature



ESB-R
Harit-Agni12



ESB-R
Bio-Mini



ESB-R
Harit-Agni12B



OUR PRODUCTS



**Automaking Roti
Making Machine**



**Biomass based
Automatic
Mawa-Machine**



**Portable Biomass
Gasifier**



**Roti Maker
Biomass Stove**



Biogas Generator



**Used Oil
Recycling Plant**



**Multi-Purpose
Food Processing
Machine**



**Biomass
Torrefaction Plant
(Charcoal Plant)**



**Wood Cutter /
Biomass Shredder**



**Biomass
Briquette
Pellet Machine**



AWARDS

- ✓ Fifth National Grassroots Innovation Award, 2009.
- ✓ Innovation Scholars In-residence Program At President House.
- ✓ Indian Merchant Chamber (IMC) – Inclusive Innovation Award, 2012.
- ✓ Certificate of Appreciation As “Farmer Scientist” By Rajasthan University of Veterinary & Animal Sciences, Bikaner, Rajasthan.
- ✓ Certificate of “Farmer Scientist” By Pacific University, Udaipur, Rajasthan.
- ✓ Certificate From Department of Science & Technology At National Science Day, Jaipur, Rajasthan.
- ✓ Business Expo Kota 2023, Kota, Rajasthan.



EXHIBITIONS

- ✓ Exhibition of Innovations, President House, 2010
- ✓ Inauguration of ESB-R Biomass gasifier by former chief minister of Meghalaya, 2013
- ✓ Third international conference on creativity & innovations at grassroots at Indian institute of management (IIM), Ahmedabad, 2015
- ✓ Exhibition of innovations, President House, 2015
- ✓ India International Science Festival (IISF), New Delhi, 2016.
- ✓ India International Trade Fair (IITF), New Delhi, 2016.
- ✓ Mega Science & Technology and Industry Expo, New Delhi, 2017
- ✓ Bollywood movie Padman promotion, 2018.



CONNECT US



<https://www.youtube.com/@enersolbiopower-biomassgas3987>



<https://www.indiamart.com/enersol-biopower-jaipur/profile.html>



<https://twitter.com/EnersolBiopower>



<https://www.linkedin.com/company/enersol-biopower-pvt-ltd>



<https://www.instagram.com/enersolbiopower/>

CONTACT US

Address:

Enersol Biopower Pvt. Ltd.

Plot No.-57A,Vrindavan Vihar,
Akeda Dunder, Laxminarayanpura,
Vishwakarma Industrial Area (VKI),
Road No.-19, Jaipur- 302013 (Rajasthan)

Mobile Nos.:

+91-9414535665
+91-7073495200
+91-9610103127

Email IDs:

info@enersolbiopower.com
gayatri@enersolbiopower.com
raj@enersolbiopower.com

Websites:

www.enersolbiopower.com
www.enersolbiopower.co.in

