

Company Introduction

ENCONPUNE ENERGY AND AIR SOLUTIONS is a consultancy and Project Company for all kind of Thermal Engineering Projects (Specifically in Waste Heat Recovery solutions), Thermal Engineering, Flow and Noise Control. We undertakes "Design Consultancy" as well as "Turnkey projects". We have proven Thermal designs as well as Mechanical designs which are in working at various industries.

Mr. Shrikant Pawar, Director Technical is associated with heat transfer field from last two decade and have a versatile experience specially in the field of **Waste Heat Recovery (WHR), Thermal Projects, Mini Steam & Hot Air / Gas Generators, Drying equipments (Tray, Rotary and Vacuum Dryers), Air Dryers**, Noise control equipments (Mufflers and Silencers), Flow Switches, Level Controllers, Flow Meters **Food Preservation systems**.

Under Engineering Services we do Air and Thermal Audits, Furnace performance testing, Indoor / Outdoor Air quality testing, Flue Gas Analysis and Sound Level Testing. We Undertakes Furnace efficiency improvement program and Conducts Thermal Audits. We also organize "**Industrial Training Programs**" on Energy Conservation and Performance Calculations for various thermal equipments.

Our Focus

Our Focus is Thermal and Energy Conservation needs. Our motive is "Waste Heat Recovery" and "to design and supply heat transfer equipments for right specifications, to appropriate cost with innovative technology for customer delight". Our prime goal is to recover all kind of waste Energy and to reuse it again for some useful work.

We request you to Visit our Web Site "**www.enconpune.com**" for more details....

Electric Mini Steam Generator



An electric steam generator is a kind of “mini boiler” where the steam is generated using electricity, rather than through the combustion of a any fuel source. These steam generators are “Non IBR” by design and does not come under any government regulations. Such boilers are used to generate steam for process purposes because of low running cost, for example pharma companies, food processing Industries, Chemical companies and hospitals. These steam Generators were designed to be easy to maintain and online models are applicable for continues operation.

We have standard models of Electric Steam Generators from 3 Kg per Hr up to 40 Kg per Hr. However we can supply customized models too.

Operating Parameters

Flow Rate	3 KG/Hr to 40 Kg/Hr
Temperature	110 to 170 °c
Pressure	Up to 5 KG/CM ²
Material	Carbon steel / Stainless steel
Power	3KW TO 32KW
Phase	Single Phase / Three Phase

Standard Offline models

Model	Power KW	Max. Working Pressure Bar(g)	Max. Working Steam Temperature °C	Steam Flow Kg/Hr	Approx. Dimensions (mm) L x W x H
EN 3	2	3	143	3	500*450*650
EN 5	4	3	143	5	750*450*1150
EN 10	8	3	143	10	750*450*1150

Standard Online models

Model	KW	Max. Working Pressure Bar(g)	Max. Working Steam Temperature °C	Steam Flow Kg/Hr	Approx. Dimensions (mm) L x W x H
ENOL 3	2.5	5	159	3	500*450*650
ENOL 5	4.5	5	159	5	750*450*1150
ENOL 10	8.5	5	159	10	850*450*1150
ENOL 15	12.5	5	159	15	850*800*1150
ENOL 20	16.5	5	159	20	850*800*1300
ENOL 40	32.5	5	159	40	1000*1000*1150

Our unit contains an insulated boiler vessel, SS / Enconel heating elements, Feed Water Pump, Water Level Controller, Pressure Gauge, Temperature Controller, Main Steam Stop Valves, Safety Valves and Electrical accessories. All these parts are mounted on Portable unit.

Salient Features

1. Very compact
2. Portable
3. No Noise
4. Fully Automatic
5. Non IBR Design
6. Pollution free steam generation
7. Clean and pure steam
8. Mechanical Safety Valve
9. No Water Control
10. Precise Level Controller
11. Pressure Indication
12. Precise Temperature Controller
13. NDT for all Pressure Parts
14. SS Steam Stop Valve
15. Installation without foundation
16. Robust steel construction

Contact Details:

EnconPune Energy and Air Solutions LLP

3/11, Sambhaji Society, Senapati Bapat Road, Near J. W. Marriott,
Pune, Maharashtra, India Pin 411016.

Land Line: 020 25658403 **Mob:** 8007730004 / 9146135548

Email marketing@enconpune.com Website www.enconpune.com