

EnconPune Energy and Air Solutions LLP.

S block, Bhosari MIDC, Pune - 411026

Email: marketing@enconpune.com

Website: www.enconpune.com

ENCON

Conservation : It does not cost, it saves

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, Vacuum Dryers, Air and Steam vent Silencer, LP & HP Dosing system and Thermic Fluid or Water heating and Cooling Unit .**

Under Engineering Services we do Air and Thermal Audits, Furnace performance testing, Indoor / Outdoor Air quality testing, Flue Gas Analysis, Insulation testing, Ventilation testing, Sound and Illumination (Lux levels) 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.

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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....

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Hot Air / Gas Generator (HAG or HGG) :



Fig 1 : Hot Air / Gas Generator

Our Standard Electric Hot Air / Gas Generators (HAG / HGG) from **50 Kg/Hr capacity to 500 Kg/Hr (300 CFM) capacity at Air Pressure 250 mmWC (min.) and 500°C air out temperature at rated conditions.** Our Electric Hot Air Generators are very efficient, fully automatic and very easy to operate. These models are available in Gas / Diesel fired burner fitted model too, the estimate we will provide based on exact demand.

*****We also provide customized models for Hot Air Generators (HAG) and Hot Gas Generators (HGG) as per the end users requirement above flow rate above 300 cfm and up to temperature range 750 °C air out temperature.**

Operating Parameters: (For Standard Models):

| | |
|--------------------------|--|
| Flow Rate | 50 Kg/Hr to 500 Kg/Hr (FAD 30 to 300 CFM) |
| Temperature Range | 50 to 500 °c |
| Pressure | Up to 250 mmWC |
| Material | Carbon steel / Stainless steel |
| Power | 3 KW TO 30 KW |
| Phase | Single Phase / Three Phase |

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Standard Models:

| MODEL | CAPACITY (kg/hr) | FADÂ (CFM) | RATED POWER (KW) |
|------------|------------------|------------|------------------|
| EN HAG 50 | 50 | 30 | 3 |
| EN HAG 100 | 100 | 60 | 6 |
| EN HAG 150 | 150 | 90 | 9 |
| EN HAG 200 | 200 | 120 | 12 |
| EN HAG 250 | 250 | 150 | 15 |
| EN HAG 300 | 300 | 180 | 18 |
| EN HAG 350 | 350 | 210 | 21 |
| EN HAG 400 | 400 | 240 | 24 |
| EN HAG 450 | 450 | 270 | 27 |
| EN HAG 500 | 500 | 300 | 30 |

Rated Conditions: For Specified air flow rates

Air Inlet Temperature :20 °C

Max. Air Outlet Temperature : 500 °C

Minimum Air Pressure : 250 mmWC

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Salient Features Hot Air / Gas Generator:

- **Compact and Portable design** – Unit is wheel mounted hence portable and all parts are compacted to the better extent.
- **Relatively short heating up times**– 20 seconds is the heating time, which is very short.
- **Good process control**– Accurate temperature and flow control
- **No need of drying and warming up** – It is an online model, you can have a hot air immediately after 20 seconds
- **No-foundation installation** – Portable Units, easy to place and connect
- **Safe and Durable** – Provided with all safety measures and interlocks, nom special skills required for operating.
- **User Friendly** – Plug in type equipment, fully automatic with all safety measures, only a small training is required for the operator.
- **Low Maintenance Requirements** – **Because of long lasting and durable parts almost “zero” breakdowns**, allowing businesses to focus on core operations rather than equipment upkeep.

Our Few Valuable Client:



Many more valuable clients...

Contact Details:

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