

Thermic Fluid Heater Steam Boiler Water Generator Systems



THERMOTECH
HEATING SYSTEM

TOTAL HEATING SOLUTION

STEAM BOILER



We offer various IBR Boilers & Hot Air Generators for various operation in Chemical | Textile | Pharma | Food | Dyes Industries.

- High thermal inertia to maintain pressure and temperature.
- Large water holding capacity & Large steam water separation height.
- Excellent performance compared to FBC and membrane boiler.
- Rocking type fire grates arrangement to reduce "Cold air losses" & easy ash removal.
- Amazing "Fuel Saving" in twin furnace design.
- Fully factory assembled & no special foundation required.
- Virtually 100% dry saturated steam (practically no carry over)
- Fully independent flue circuits.
- Better turn down ratio and operational efficiency.
- Good accessibility means ease of maintenance.

MULTI FUEL FIRED, THREE PASS FULLY WET BACK DESIGN.

- **Single & Double furnaced solid fuel fired boiler**

Fuel : Coal, Wood, Lignite, Agro Waste Briquettes, Baggage, Rice Husk, Groundnut Shell or any other solid fuel.

- **Unique Feature:**

In double furnace design there are two furnace for firing and two individual fuel paths till outlet of the boiler, so you can operate only one furnace during part load condition and saving energy. Improvisation/Option of operating Boiler on one furnace and simultaneously to clean the other furnace including tubes. Two furnace with two reversing chamber design have amazing fuel saving compared to double furnace have a single reversing chamber and single I.D. Fan.



THERMIC FLUID HEATER

Thermotech Heating Systems is engaged in the design and manufacturing of heat transfer system. Founded on the bedrock of over 10 years of experience in heat transfer technology. The company blends modern technology with extensive technical know-how to create imaginative product to serve customer's needs. It is one of the leading company in Thermic Fluid Heating Systems, a revolutionary product for efficient and cost effective heat transfer.

Capacity : Up to 20 Lacs Kcal/hrs.



HOT AIR GENERATORS

Solid Fuel Fired

We are acknowledged as one of the prominent manufacturers of **Solid Fuel Fired Hot Air Generator** in the country. Our **Solid Fuel Fired Hot Air Generators** are easy to operated & maintain. They are made from the best quality raw materials accessible in the market.

Advantages Of Our Solid Fired Hot Air Generator:

- Very high thermal efficiency up to 75%.
- Lower maintenance cost due to minimum usage of refractory in furnace.
- Available in vertical design.
- Less pollution by using dust collectors.
- Less maintenance due to minimum usage of Refractory in Furnace, Vertical Design, Easy access for maintenance.

Oil & Gas Fired

Capacity Range- 10,000 Kcal/Hr. to 6,00,000 Kcal/Hr. The payback period will be 2 to 10 months against Oil /Gas Fired or Electrical Hot Air Generators. Multi-pass Design, Less Space, Maximum, Efficiency.

Very high thermal efficiency up to 80% due to perfect combustion, minimal radiation loss & higher heat transfer area.

Fuel- LDO, HSD, FO, LSHS, Natural Gas, LPG, Bio-gas.

REACTORS



We offer various reactor for various unit operation in Chemical | Water | Textile | Industries and Refineries.

- High speed reactor
- HDPE lined reactor
- Jacketed reactor
- Bricks line reactor
- Double stirrer reactor
- Limpet coil reactor
- Rubber lined reactor

PRESSURE VESSELS



We offer various pressure vessels for various unit operation in Chemical | Water | Textile | Industries & Refineries.

- High thickness pressure vessels
- Receivers
- Storage tanks