

Oil / Gas Fired Thermic Fluid Heaters



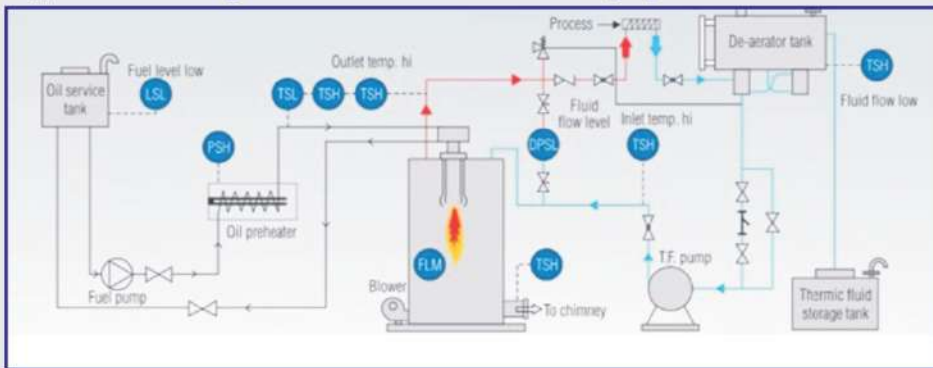
Range : 1lac to 20lac kcal



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Typical P & I diagram for Thermic fluid heating system



Solid Fuel Fire Thermic Fluid Heaters

Range : 1lac to 20lac kcal



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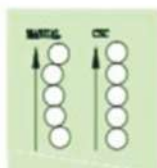
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No.65,66&67, Developed Plot Estate, Thuvakudi, Trichy -620015. Tamil Nadu.
Mob : 98424-53309 | 98428-53309 | E-Mail : ezhilenergy@gmail.com, www.ezhilenergy.com

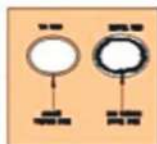
THERMIC FLUID HEATER

A Thermic Fluid Heater is industrial heating equipment, used where only heat transfers are desired instead of pressure. In this equipment, a thermic fluid is circulated in the entire system for heat transfers to the desired processes. Combustion process heats up the thermic fluid, and this fluid carries and rejects this heat to the desired fluid for concluding the processes. After rejecting it, this fluid comes back again to the thermic fluid heater.

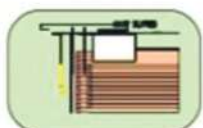
CBL Thermic Fluid Heater stands as an optimal solution amongst the dynamic energy scenario. The vertical design offers compactness across various multi fuel flexibility which makes it an ideal choice for heating applications in Textile, Chemical, Plywood, Food & Beverages, Pharmaceutical, Rubber, Solvent, Edible Oil and all other industries requiring indirect heating.



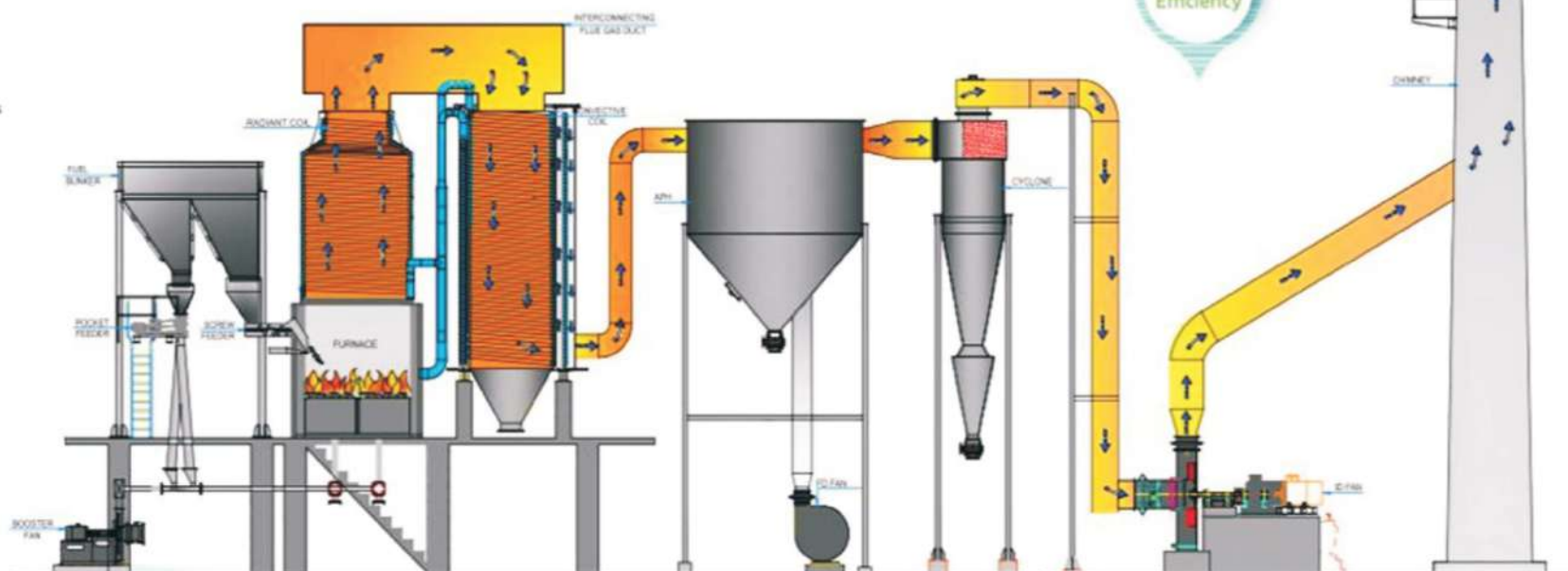
CNC coil winding machine ensures proper alignment and avoiding possibility of hot spots.



Fully automated tube to tube TIG welding machine enables smooth uniform bore.



Automatic cleaning through soot blower which keeps tube surface clean.



Unique Design Features

- Furnace design suitable for low grade Biomass fuels.
- Minimum exposed surface reducing radiation/convective losses.
- Large feeding door for ease of feeding.
- Large furnace volume for efficient combustion.
- Air pre-heater improves combustion efficiency and ensures lower power consumption of ID fan.
- Design adopts principles of DIN and API codes.
- Occupies Minimum space and site work.
- Quick and easy installation.
- Safety relief valve to prevent high pressure.
- Precise Thermic Fluid Temperature control.
- Low flow alarm to prevent coil tube overheating and choking.
- Adequate furnace volume and heat transfer to ensure higher thermal efficiency.