

Advantage Over Conventional Heating System

- ◆ Multi-fuel such as coal, husk, wood, saw dust, etc. can be used as fuel. These are easily available at a lower price and cause less pollution hazards.
- ◆ No contamination of smoke and ANTHROQUINONE (AQ). Hence improves tea quality.
- ◆ Accurate control of hot air temperature +/- 3^oc, helps in uniform drying, hence improves quality of tea.
- ◆ Single Hot Water Generator can cater to multiple driers and troughs.
- ◆ No periodical shutdown is required for cleaning and maintenance. Thus improves productivity.
- ◆ Enables large savings towards cost of production due to less fuel and maintenance costs.
- ◆ Optimum utilisation / management of space due to separate location of HWG and heat exchangers of driers and troughs through suitable piping connections.

Technical Specification With Product Range

MODEL NUMBER	MHW-060	MHW-100	MHW-150	MHW-200	MHW-250	MHW-300
Capacity (kcal/hr)	6,00,000	10,00,000	15,00,000	20,00,000	25,00,000	30,00,000
Hot Air Temperature	140	140	140	140	140	140
Hot Water Temperature	180	180	180	180	180	180
Fuel	MULTI FUEL : COAL / HUSK / SAW DUST / WOOD					
THERMAL EFFICIENCY	87 (+/- 2)					
Length (M)	9	13	13	15	16	18
Width (M)	5	6	6	8	9	9
Height (M)	4	6	7	8.5	8.5	9

* As a constant endeavour for design improvements and optimisation, the above figures may vary.



Multitech Boilers Private Limited

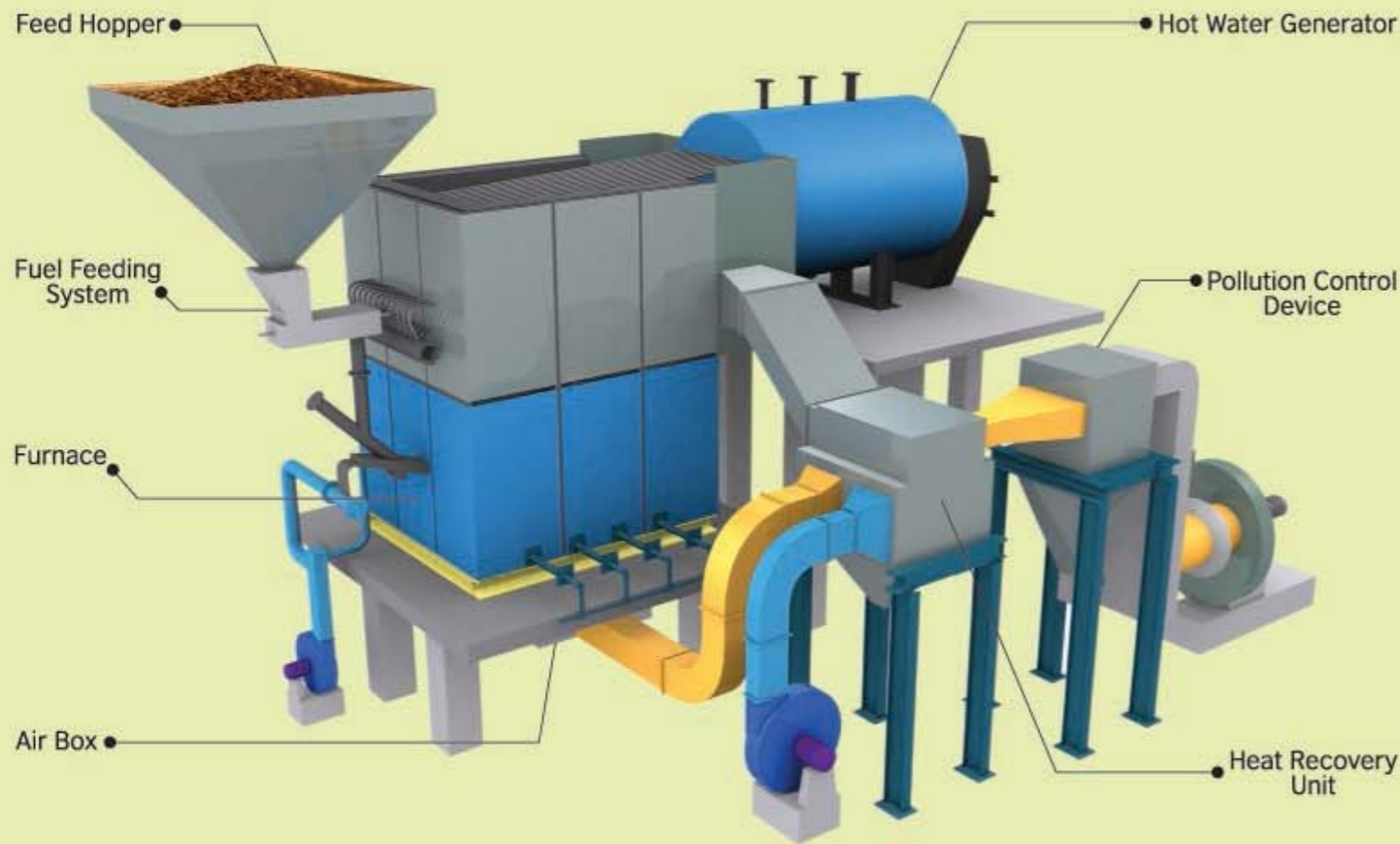
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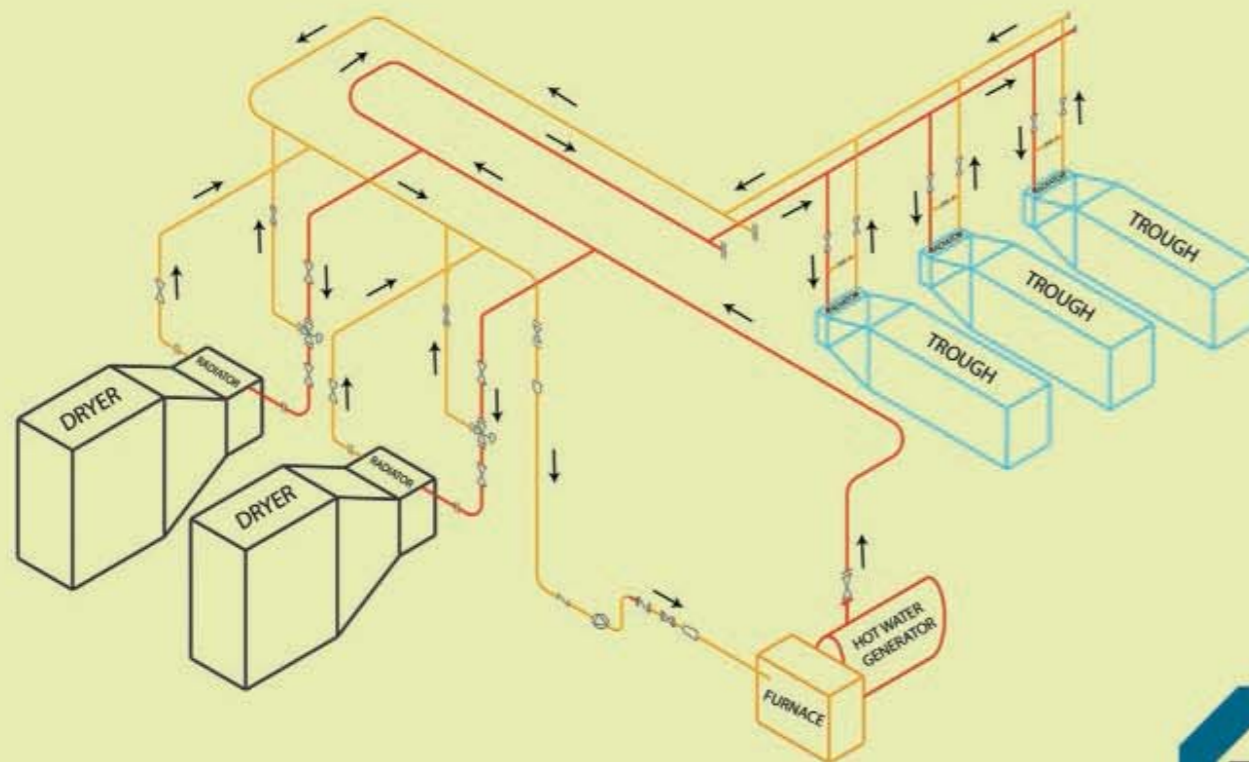


Optimum Heating Solution For Perfect Drying





3D VIEW OF A HOT WATER GENERATOR WITH ACCESSORIES



P&I DIAGRAM



- ◆ Hot Water Generator design, allows temperature of water to raise up to 180^oc and flow in any direction through heat exchangers for the driers, troughs and platens, etc.
- ◆ High thermal efficiency. Hence fuel consumption is very low. Results pay back within one year.
- ◆ Huge grate area / Air Box (in case of FBC) and bigger furnace volume helps complete combustion.
- ◆ Burns worst quality coal efficiently.
- ◆ Multi fuel - coal, husk, wood, saw dust.
- ◆ Close loop system in water circuit. Hence no further water consumption and does not require water treatment separately.
- ◆ No smoke hazards, resulting in elimination of smoke taints in tea.
- ◆ Single HWG can cater to multiple driers and troughs.
- ◆ Provides pollution control equipments and hence environment friendly.
- ◆ Easy operation and maintenance.
- ◆ Energy saving through heat recovery from flue gas.
- ◆ Better control of furnace temperature to avoid clinker formation.

