

Burners

Description:

Thermo the unique reverse flue, NON-IBR Steam Boiler, is a system from thermo. It is a forced circulation, coil type, oil fired Steam Boiler. THERMOSTEAM gives guaranteed consistent efficiency of 88% on NCV

THERMO STEAM comprises a membrane wall single coil main heat exchanger and heat recovery module with atmospheric economizer and heat optimizer.

THE STANDARD ACCESORIES INCLUDE WATER PUMP, FUEL PUMP, BLOWER, MOUNTINGS AND FITTINGS, CONTROL PANEL AND INSTRUMENTATION

The heat Exchanger heat recovery unit and the accessories are mounted on a modular frame and housed in sleek full length panels. This constrained design reduces cumber some piping and simplifies installation.

The unique feature of this boiler is that the flue gases are reversed in the air tight membrane wall furnace, giving ample residence time for complete combustion of fuel. Since the first two passes are achieved in the radiant zone, maximum heat transfer is ensured, THERMO has working at low RPM ensuring a longer life. Also the economizer coupled with the heat optimizer, greatly assists in effective removal of dissolved oxygen in the feed water.

The rugged burner rod is designed to suit Indian fuel oils and capable of giving sustained trouble free performance.

All these special features make THERMOSTEAM a very dependable packaged boiler. THE BEST IN PERFORMACE,QUALITY, RELIABLITY AND EASE-OF-OPERATION, KEEP THERMO STEAM BOILERS A GENERATION AHEAD.

OUTSIDE THE PREVIEW OF INDIAN BOILER REGULATIONS ACT. THE COST OF PIPLINE & VALVES IS LESS THAN 50% COMPARING TO IBR BOILERS. NO PASSING AND YEARLY VERIFICATION & PASSING IS REQUIRED.



Construction:

FULLY AUTO MATIC OIL,GAS,ELECTRICAL FIRED

Specifications:

CALACITY; (50KGS/HR TO 850 KGS/HR)

SAILENT FEATURES:

- Steam available within 2 to 3 minutes from cool start at full pressure and out put resulting in quick startup of plant and savings in fuel and time.
- Low volume of water content increase safety of boilers against explosion hazards.
- Reliable non-stop availability of boiler to the plant.
- Non-requirement of qualified boiler attendant.
- Compact design-requires minimum space and can be located next to user equipment without a need of separate boiler house.
- Thermal efficiency at its peak.
- Reaches as high 89% efficiency on NCV. Using heavy oil and 91% efficiency on NCV using light oil. (This efficiency is not available on IBR boilers)
- Low cost operations
- Robust Design - large heating surface
- Superior components
- Power requirements just sufficient
- Complete atomic high press burner design.

ADVANTAGES:

Low fuel consumption
Low maintenance cost
High reliability
Low spares inventory