

WE ALSO SPECIALIZE IN:

- ☛ Steam Boilers fired with Coal, Wood or any other Solid fuels, Oil, Gas, Oil cum Gas.
- ☛ Fully automatic steam boilers fired with Husk.
- ☛ Hot Water Boilers fired with Coal, Wood, Husk, Oil, Gas, Oil cum Gas.
- ☛ Hot Air Generators fired with Oil, Gas, Oil cum Gas.
- ☛ Non-IBR Steam Boilers fired with Oil, Gas.
- ☛ Small Industrial Boilers fired with Coal, Wood, Oil and Gas.
- ☛ Economisers, Gasifier, Super Heaters, Boiler Coils and other Boiler Accessories.

SALES & SERVICE:

We assist you in the selection of the correct size of boilers, boiler house layout, supply and erection of complete boiler house auxiliaries, supply of spares as well as commissioning and advising on the maintenance and operation of your boiler.

A fully trained and competent team of Service Engineers are available whenever necessary at all our branches. All our branches are well equipped with essential instruments, tools and spares required for a variety of maintenance and repairs.

SALES & SERVICE OFFICES AT:

Bangalore, Bhuvaneshwar, Cochin, Davangere, Hyderabad, Kolkatta, Madurai, Tirupur & Sri Lanka.



SOUTHERN BOILERS AND EQUIPMENTS (P) LTD.

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FOUR PASS MULTIFUEL FIRED THERMIC FLUID HEATER



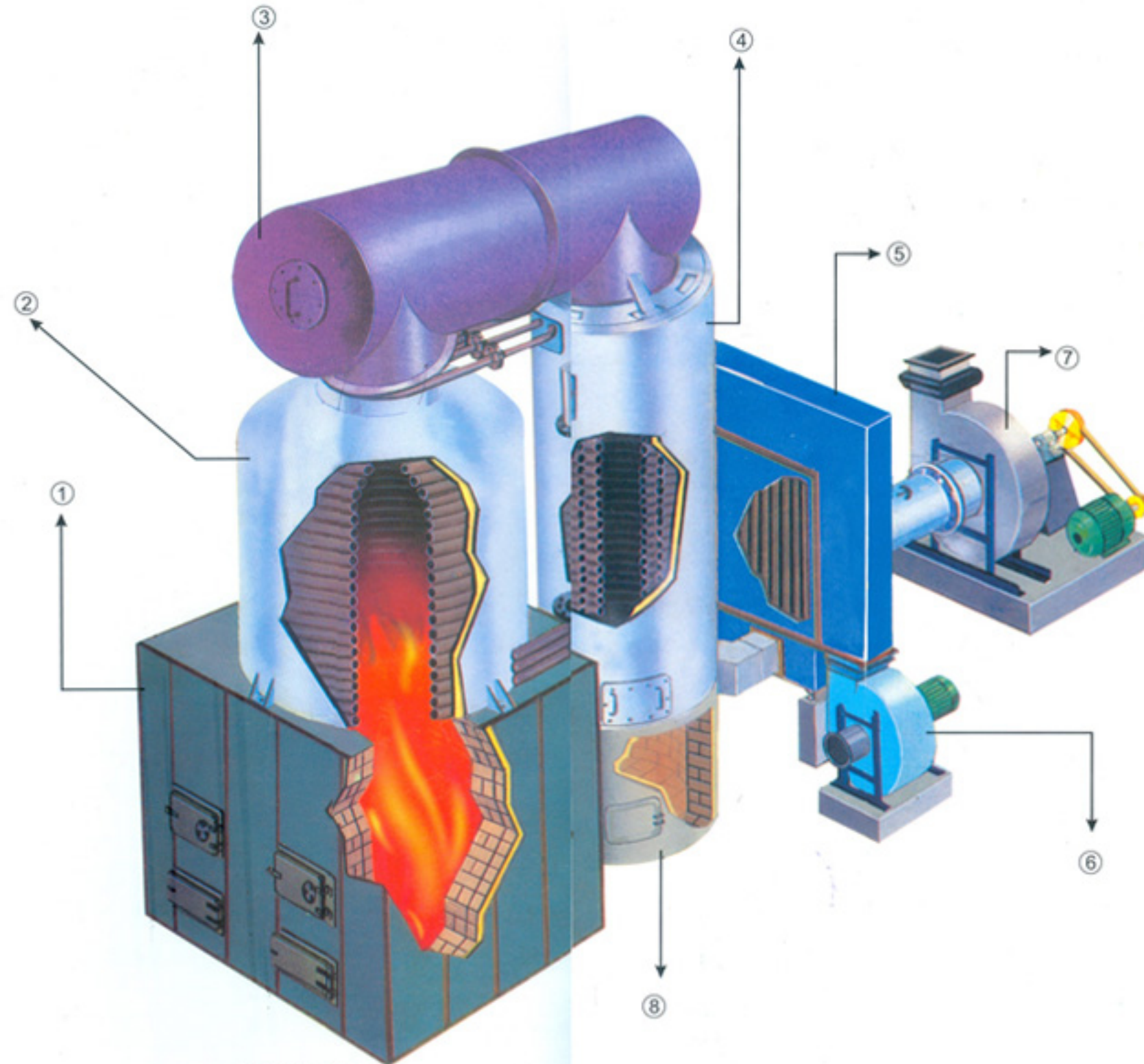
SOUTHERN BOILERS AND EQUIPMENTS (P) LTD.

DESCRIPTION

These Thermic Fluid heaters have been specially developed for use in process industries requiring high temperature heating medium. They comprise a compact heat exchanger and a In Build Furnace, where in the Fuel is burnt. The furnace is provided with an extra large free board so as to ensure complete combustion. The hot gases make four passes through the heating surface. Access doors are provided all around to facilitate inspection and cleaning.

SALIENT FEATURES

- ❖ Vertical Packaged Construction
- ❖ Large grate area and higher Furnace Volume
- ❖ Multi Fuel Arrangements
- ❖ Quick Ash Removing and Handling System
- ❖ High heat transfer rate and less soot deposition due to optimum velocity of flow of flue gas.
- ❖ Safety interlocking system.



1. FURNACE
2. RADIANT HEAT EXCHANGER
3. REFRACTORY DUCT
4. CONVECTIVE HEAT EXCHANGER
5. AIR PREHEATER
6. F. D. FAN
7. I.D. FAN
8. ASH SETTLING CHAMBER

OPTIONAL FEATURES

- ❖ Coal, wood, bagasse, saw dust, can be fired to change over from one fuel to another with minimum down time.
- ❖ Air pre-heater to increase the thermal efficiency to optimum level.

CAPACITIES

SBEPL - STHW - Series Thermic fluid heaters are manufactured over a standard range from 2Lac Kcal/hr to 35Lac Kcal/hr at a temperature up 410°C.