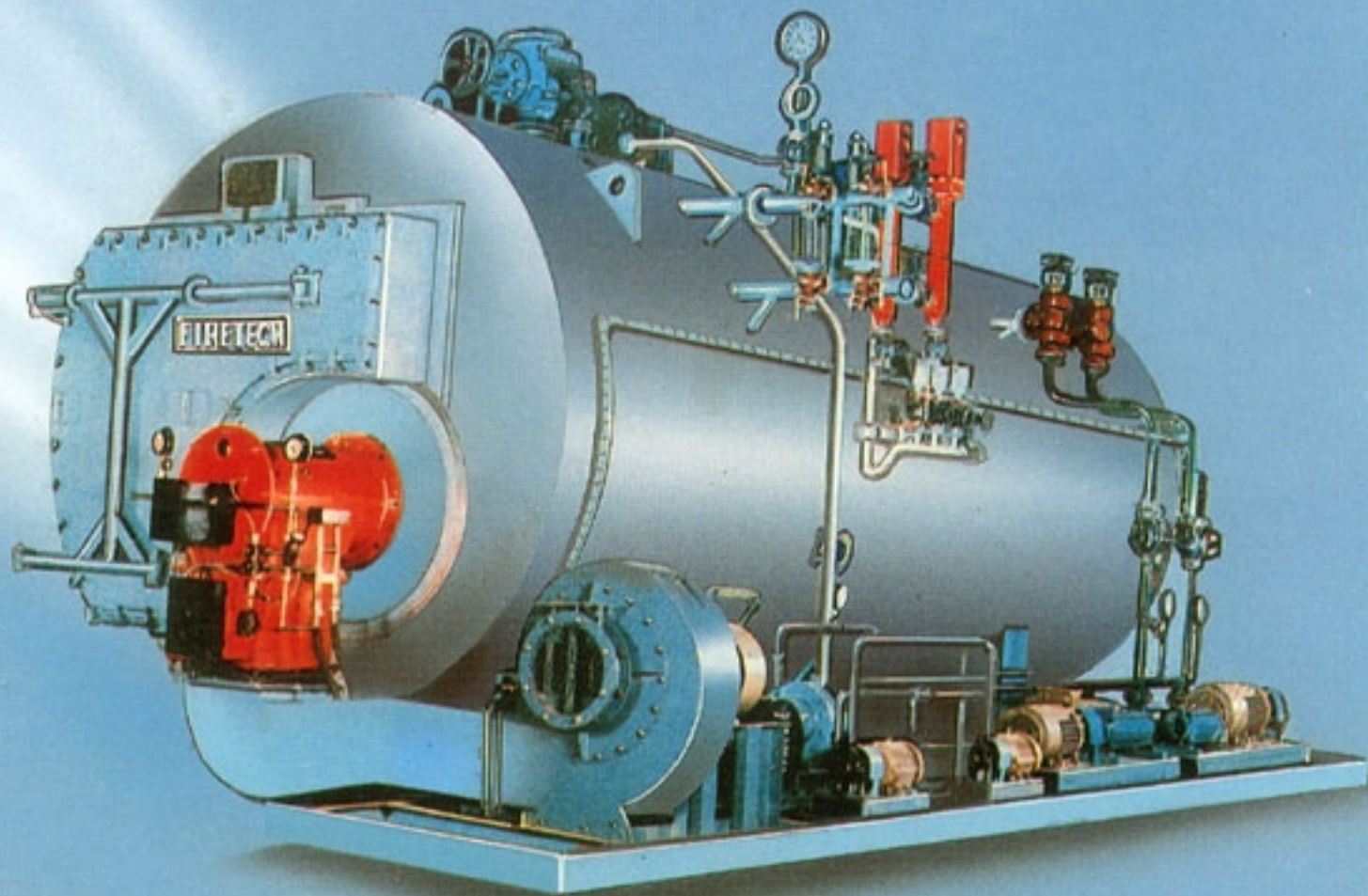


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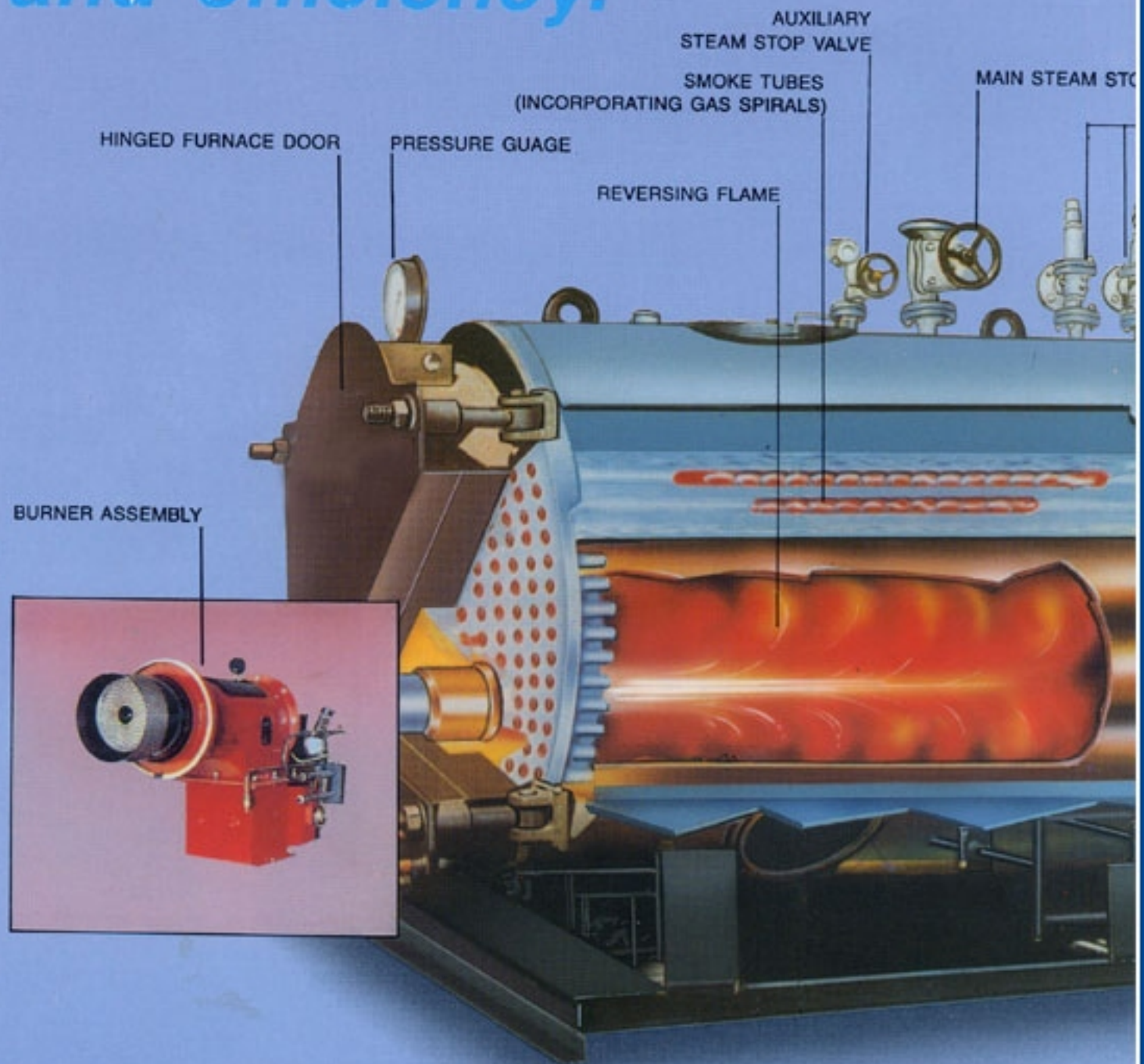
OIL, GAS FIRED PACKAGED BOILER



● RUGGED ● EFFICIENT ● RELIABLE

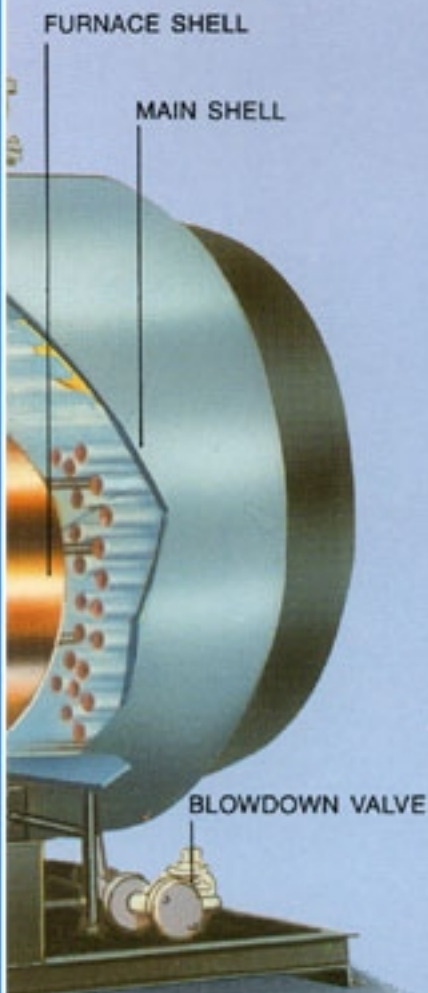


Engineered for performance and efficiency.





VALVE
— SAFETY VALVES



DESIGN

Steam boiler is a versatile, Fuel efficient, Oil/Gas Fired three pass multi-tube boiler with wet back design, which ensures high thermal efficiency. Steam Boiler upto three ton/hr is Reverse Flue Design and all other models are conventional three pass wet back design.

CONSTRUCTION

All boilers are constructed according to latest IBR act. Large Furnace ensure complete combustion of Fuel with low NOX emissions with high radiant heat transfer. Large Smoke tubes with Gas Spirals ensures high rate of convective heat transfer. All welds are subjected to shear rather than tension. Perfect internal water circulation system guarantees even thermal expansion. Extremely strict quality control during various stages of manufacturing, Hydraulic tests, Individual assembly tests and overall inspection of boiler on completion provides trouble free operation and Longer life.

OPERATION AND MAINTENANCE

Front and rear doors can be totally removed for cleaning and maintenance. Removable gas spirals with smoke tubes makes cleaning easy as most of the soot deposit comes along with the spirals.

FIRING EQUIPMENTS

Rugged Forced draft, Fuel efficient pressure jet burner provides complete combustion with 1:3 turndown Ratio. Fuel pumping and heating unit, combustion blower and control panel is kept at operating level for easy operation and maintenance.

DRY STEAM

The large steam volume with high disengaging surface & built in steam separator ensures steady, dry steam with 0.98 dryness fraction.

SAFE

boiler is equipped with IBR boiler fittings, Auto level controller, low level trip, steam safety value, High pressure trip, level indicators, Auto/Manual control and necessary electrical switch gear and controls for safe operation. Fail safe trips provides maximum protection to boiler.



STANDARD MODELS

Supratech steam boilers are available in eight standard models with a working pressure of 10.54 Kg/Cm² (15OPsig)

MODEL	CAPACITY
ST-10	1000Kg/h
ST-20	2000Kg/h
ST-30	3000Kg/h
ST-40	4000Kg/h
ST-50	5000Kg/h
ST-60	6000Kg/h
ST-80	8000Kg/h
ST-100	10,000Kg/h

OTHER RANGE OF PRODUCTS

STEAM BOILERS (NON-IBR), THERMIC FLUID HEATERS, COAL/WOOD/HUSK FRIED BOILERS (IBR), AIR HEATERS, HOT WATER BOILERS, WASTE HEAT BOILERS, DRYERS.

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