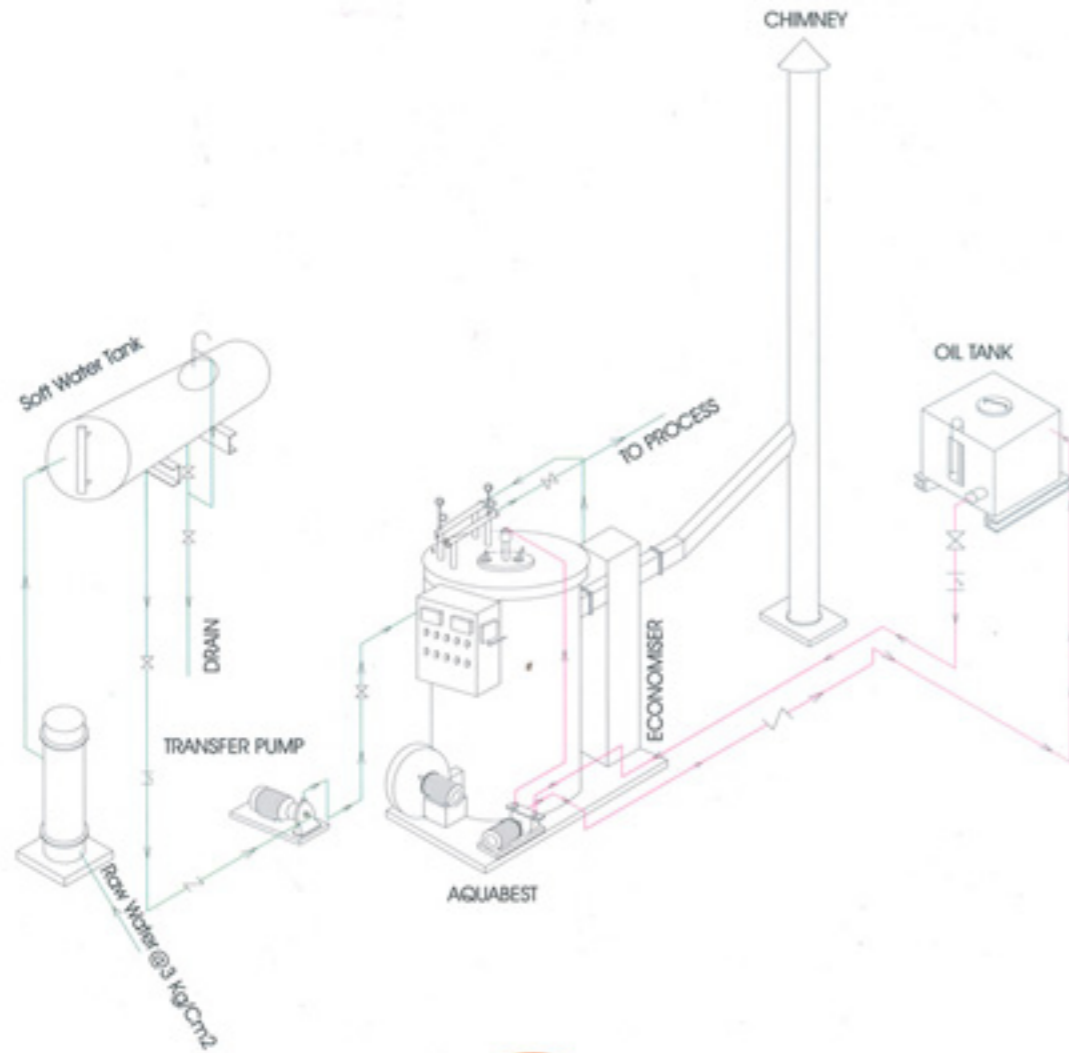


P&I DIAGRAM



SOUTHERN BOILERS AND EQUIPMENTS (P) LTD.

No. 165, O - Block, Anna Nagar East, Chennai - 600 102.
Phone : 621 5220, 626 8685.

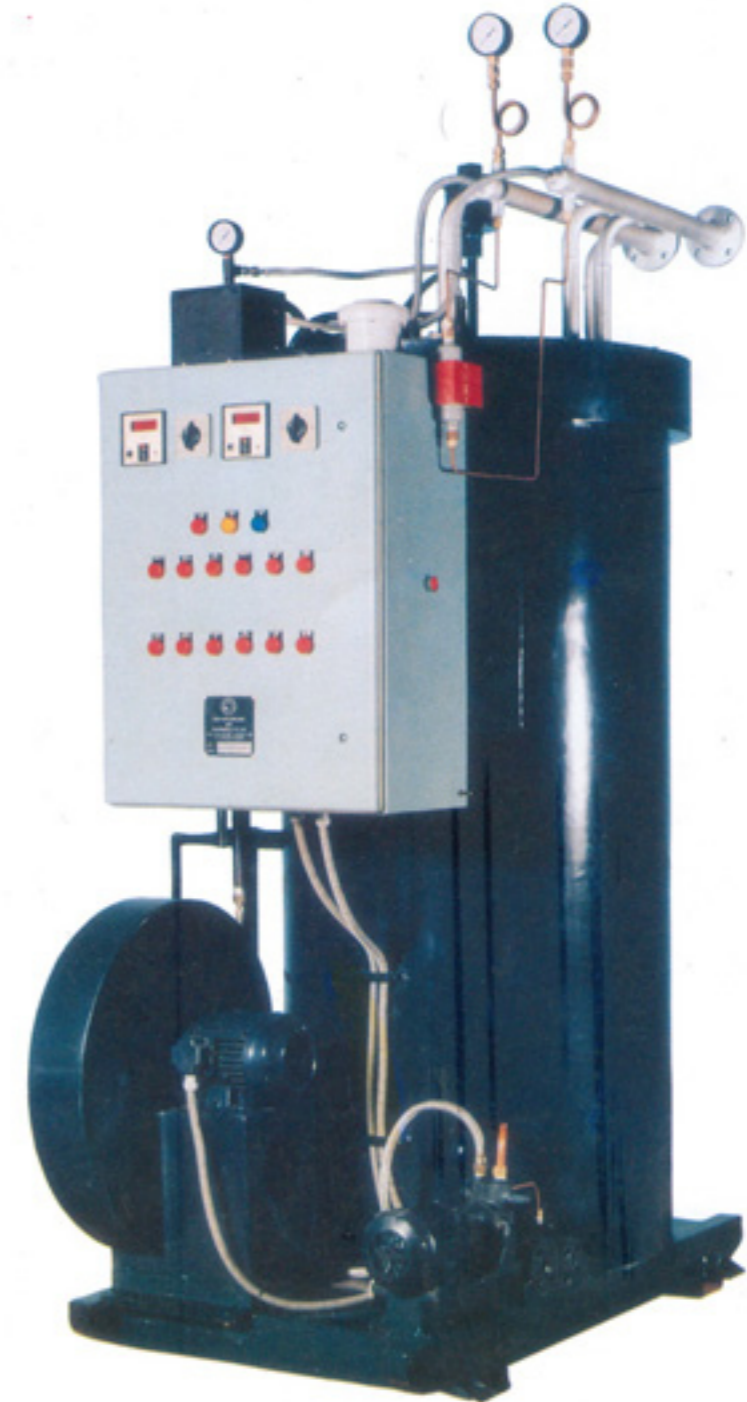
Factory :

No.93, SIDCO Industrial Estate, Kakkalur - 602 003. Thiruvellore District, Tamil Nadu.
Phone : 04116 - 62120.

Sales & service centers :

□ BANGALORE □ COCHIN □ HYDERABAD

**THREE PASS, OIL FIRED
HOT WATER BOILER**



SOUTHERN BOILERS & EQUIPMENTS

AQUABEST

ABOUT AQUABEST . . .

DESIGN

AQUABEST is a three pass - coil type - Hot Water Boiler.

SAFETIES AND CONTROLS

AQUABEST has the following safeties and controls.

Temperature Indicator cum Controllers to indicate temperature and prevent undesired overheating at the inlet and outlet of the system.

Differential pressure switch to switch off the system as soon as the difference in fluid pressure between the coil inlet and outlet exceeds a limit.

Stack temperature controller to switch off the system when the flue gas temperature exceeds the set level and to act as a counter check for the temperature indicator cum controller at oil outlet line.

Photo cell to sense flame failure, give alarm and switch off the Burner.

Synchronising mechanism between the hot water circulation pump and burner, so that the burner will not be switched on until the circulation pump reaches the full speed.

FULLY AUTOMATIC

Manual operation is not necessary since AQUABEST is a complete automatic system.

USER FRIENDLY CONTROL PANEL

Various functions like temperature setting, pressure setting can be easily done with the help of switches on the control panel. There are separate indicator lamps to indicate the working condition of every component in the system.

COMPACTNESS & HIGH EFFICIENCY

AQUABEST is designed to be very compact and thus occupies minimum floor space. It can be kept near the process point itself. AQUABEST is designed to give a high thermal efficiency of 88 +/- 2 %.

HIGH OVERALL QUALITY

The coils provided in AQUABEST are made out of **High Temperature Seamless Tubes**. This ensures longer life and trouble-free performance of the coils. The steel plates, seamless tubes and other components that are used to make AQUABEST are handpicked and are of high quality. It is ensured that a high level of workmanship is involved in the making of every AQUABEST. Further, every AQUABEST undergoes strict quality control and testing procedures. All these make AQUABEST a completely reliable, high quality product.

RELIABLE AFTER SALES SERVICE

Enough number of qualified, experienced and dedicated service personnel and our stocking of all spare parts ensure that the breakdown calls are immediately attended and rectified. Our customer-care-cell gets regular feedbacks from customers about the quality of our products and services. We constantly work towards further improvements in these areas.

RANGES AVAILABLE

Model	SHB 30	SHB 50	SHB 100	SHB 200
Capacity	30000 K. Cal	50000 K. Cal	1 Lac. K. Cal	2 Lac. K. Cal

Model	SHB 300	SHB 400	SHB 600	SHB 800	SHB 1000
Capacity	3 Lac. K. Cal	4 Lac. K. Cal	6 Lac. K. Cal	8 Lac. K. Cal	10 Lac. K. Cal

- Our other products include STEAM BOILERS (IBR & Non-IBR) and THERMIC FLUID HEATERS.
- All spares, accessories and mountings for Hot Water Boilers and Thermic Fluid Heaters are available with us.

