

Boiler



We have gained expertise in delivering a quality range of Boiler. These industrial steam boilers are designed to efficiently meet the demands of instantaneous steam, within 4 minutes of cold start. For achieving perfect combustion, it includes precisely designed smoke passages & combustion chambers.

Features

- 4 Pass design ensures better heat utilization & ultimate thermal efficiency
- Fluidized Bed Combustion furnace ensures very high combustion efficiency, up to 95% even with fuel, having very high ash & fine contents and having very low calorific value
- The straight tube in generating bank enables manual cleaning & easy inspection.
- The rectangular headers are of welded type box headers with individual opening against each tube at both ends of generating bank. Hence, for cleaning & maintenance of any single tube only single door cap, weighing just 1.5 kg has to be opened.
- Larger tube diameter in generating bank, i.e. 76.2 mm OD, enables easy manual cleaning.
- Intermediate tube supports in the generating bank, which prevents tube sagging contributes to higher boiler life.
- The wide gap in tube spacing ie. 160 mm pitch, prevents inner tube space plugging by soot deposition, which permits trouble free operation without external cleaning as clogging of tube space with soot does not take place.
- The free floating front header takes care of longitudinal thermal expansion. Hence, thermal stresses are not developed during heating. This design enhances boiler life too.