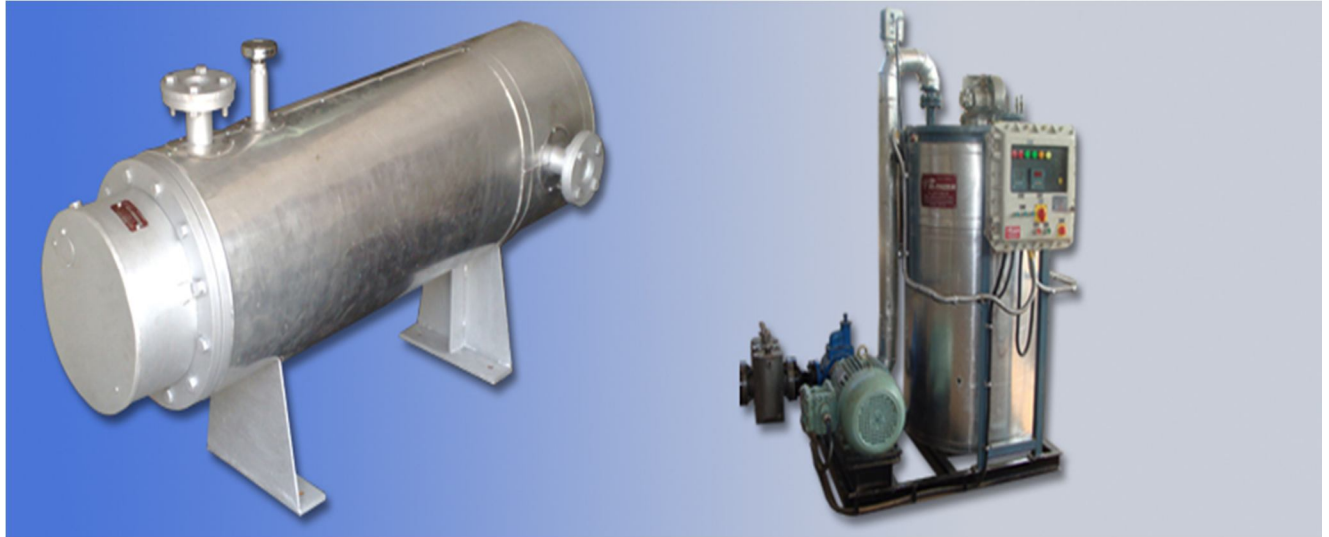


Heat Exchanger



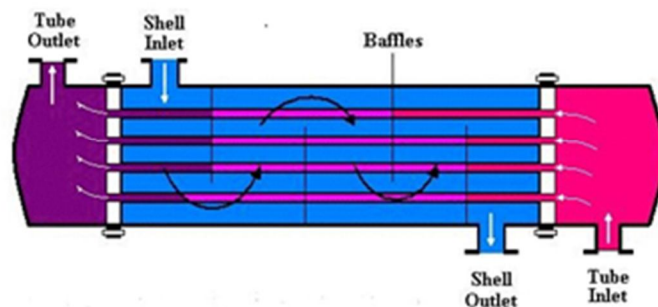
Shell & Tube Type Heat Exchangers

Heat Exchanger take the energy from a hot stream and use it to heat a cooler stream
The shell & tube heat exchangers are the most commonly used type of heat transfer equipment in industries.

A shell & tube Heat Exchangers consists of a bundle of tubes enclosed in cylindrical shell. The ends of the tubes are fitted into tube sheets, which separate the shell side & tube side fluids. Baffles are provided in the shell to direct the fluid flow & support the tubes. The assembly of baffles & tubes is held together by support rods & spacers.

STEAM CUM ELECTRIC HEATING PUMPING FILTERING UNITS
AN ENERGY SAVING UNITS in case of steam boiler application-
Steam oil preheater working in series with the electric oil preheater.

Hi-Therm Boilers has been a Heat Exchanger Manufacturer for more than two decades and has the experience to provide you with the right solutions.



Diesel Fired Coil Type Heat Exchanger

The Heat Exchanger is designed with an integrated combustion chamber made of M. S. Seamless/ERW boiler tube of adequate size, accurately designed concentric two start helical coil placed in insulated and mild steel shell ensuring optimum heat transfer.

The Photo shown below is a helical coil type 3 pass constructed with vertically down fired automatic diesel burner. In this case the high viscous crude oil is kept in circulation with the help of a circulating pump and the heat is being added to it by the burner.

Satisfactorily Installed & Commissioned at M/s ONGC, Ankleshwar for Maintaining the crude oil Temperature in pumpable condition.

