

GENERAL

“PINCH POINT” IN EXHAUST GAS BOILER

PINCH POINT IN EXHAUST GAS BOILER IS THE DIFFERENCE IN TEMPERATURE BETWEEN THE EXHAUST GAS LEAVING THE EVAPORATOR SECTION AND SATURATED STEAM.

LOWER THE PINCH POINT, HIGHER THE E.G.B EFFICIENCY AND IS ACHIEVED BY HAVING A HIGHER HEAT SURFACE AREA. BUT LARGER AREA LEAD TO LOWER GAS VELOCITY. IT CAUSES MORE SOOT DEPOSITION ON E.G.B TUBES AND IS MAIN REASON FOR SOOT FIRE.

***MINIMUM 35 M/SEC AND PRESSURE DROP ACROSS E.G.B NOT MORE THAN
150 MM OF WATER GAUGE.***