

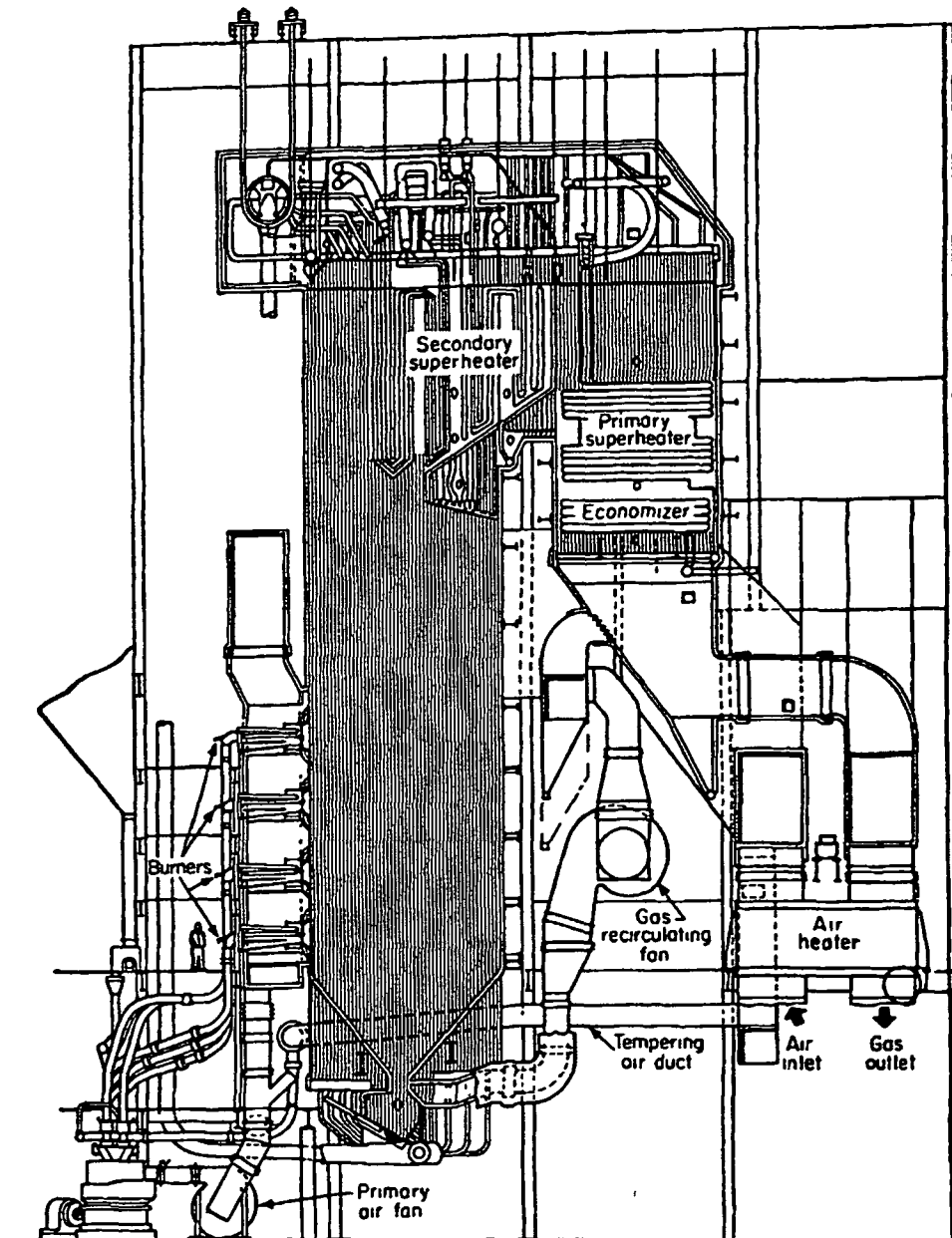


FIG 18-3 – Diagram of large boiler unit shows relative location of auxiliaries This twin-furnace, radiant boiler has circular burners in front wall for pulverized coal Capacity is 2,400,000 lb of steam per hour at 2500 psi and 1050 F/1000 F Hot gases after flowing through the pendent superheater pass downward through the convection pass Hazards to men working on boilers include falls from improper staging, being struck by falling deposits from overhead pipes, asphyxiation or heat prostration, burns from hot equipment, and electric shocks (Note scale of man on boiler operating floor)

Courtesy Marks' Mechanical Engineers' Handbook, 6th ed, Rev by Baumeister © 1958 McGraw-Hill Book Company