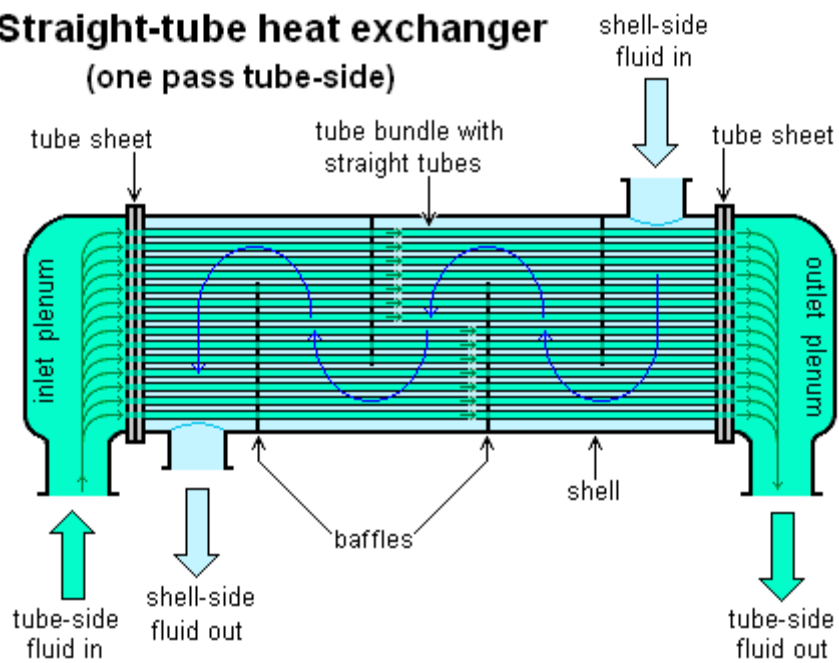
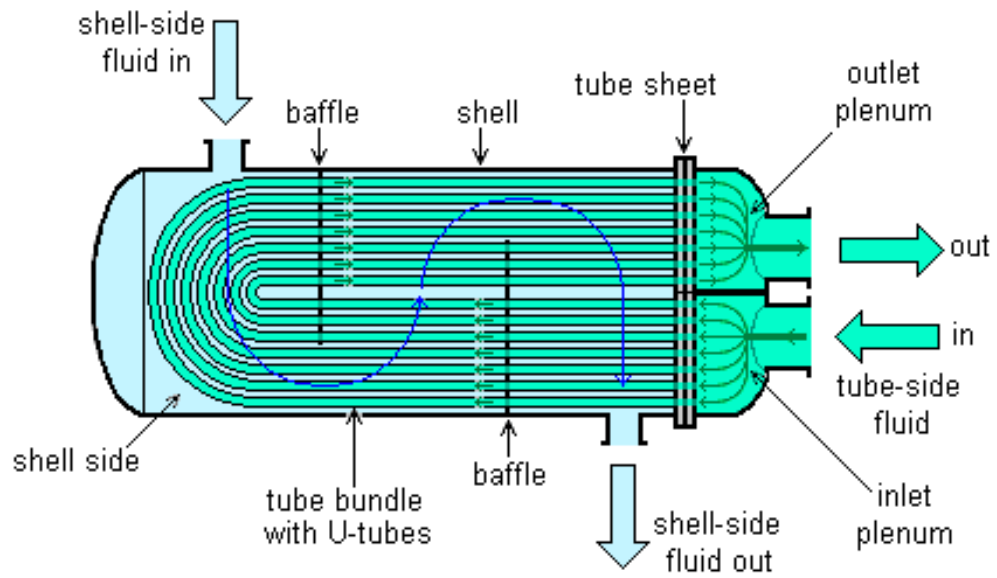


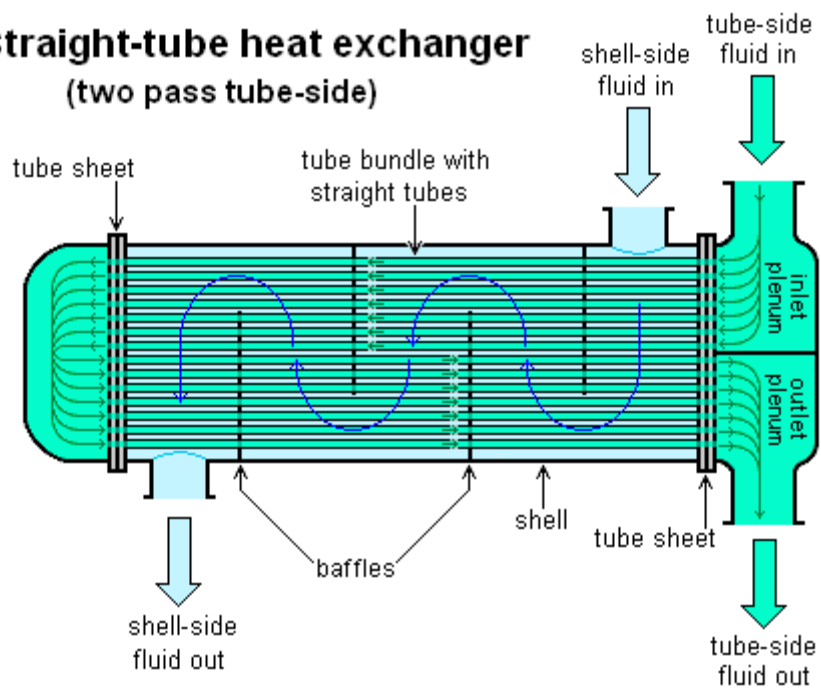
**Straight-tube heat exchanger**  
 (one pass tube-side)



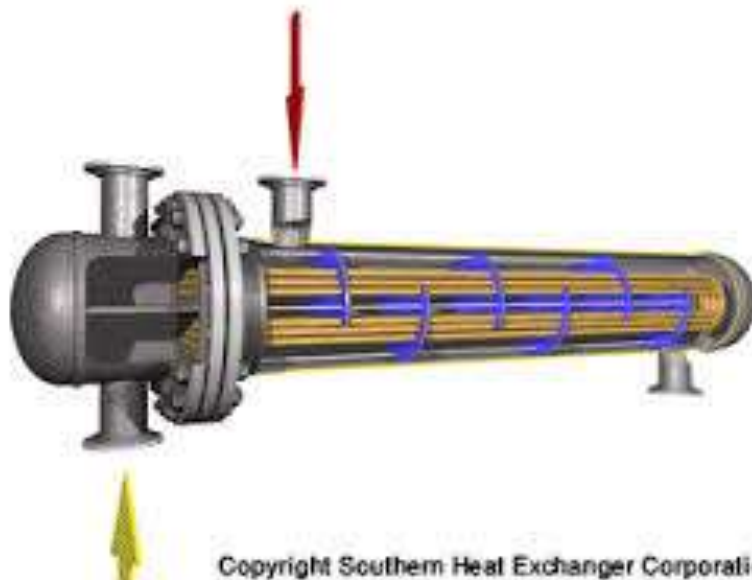
# U-tube heat exchanger



# Straight-tube heat exchanger (two pass tube-side)



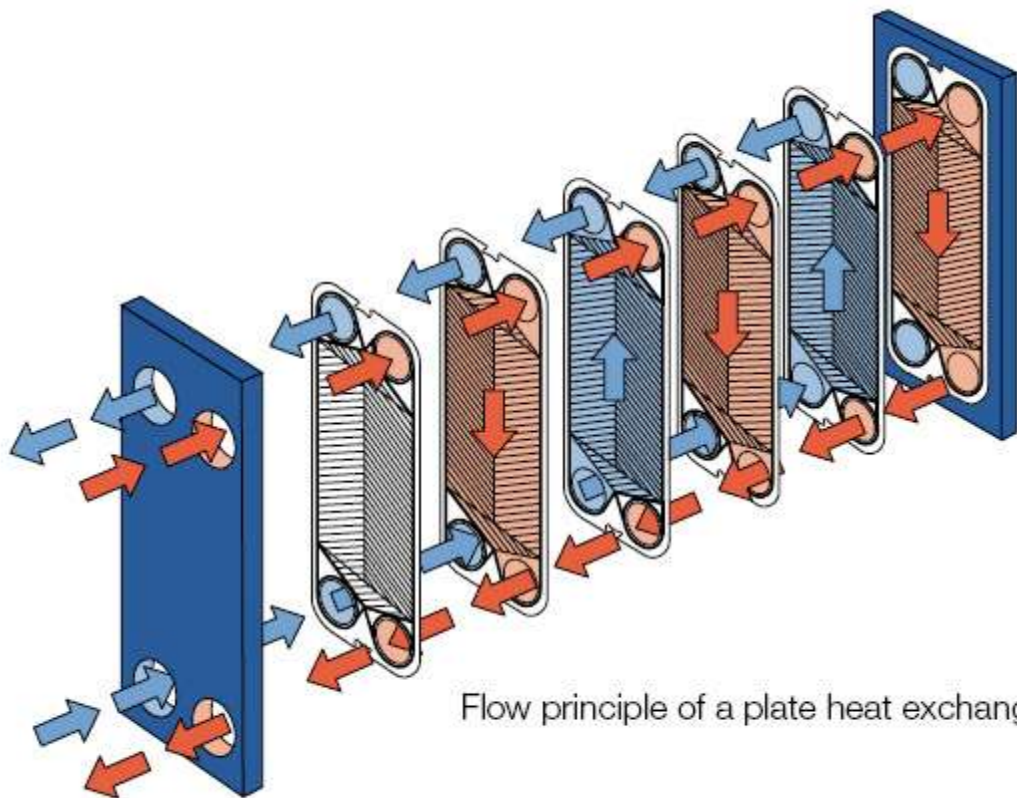
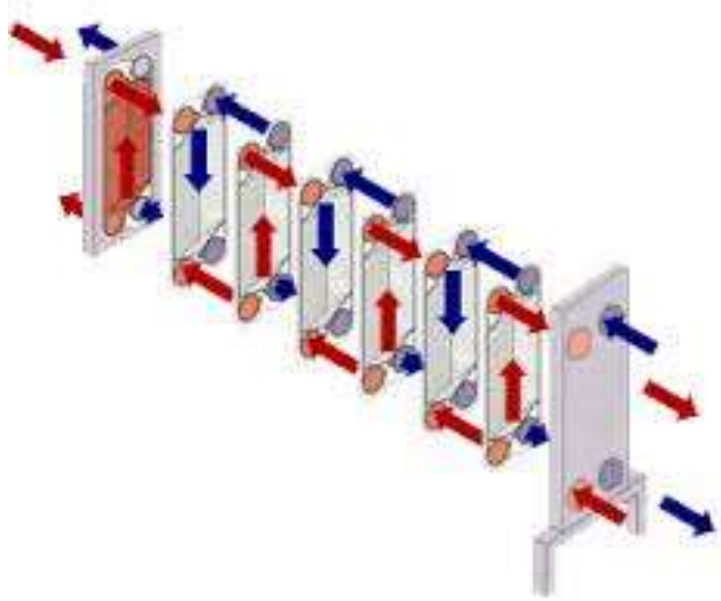




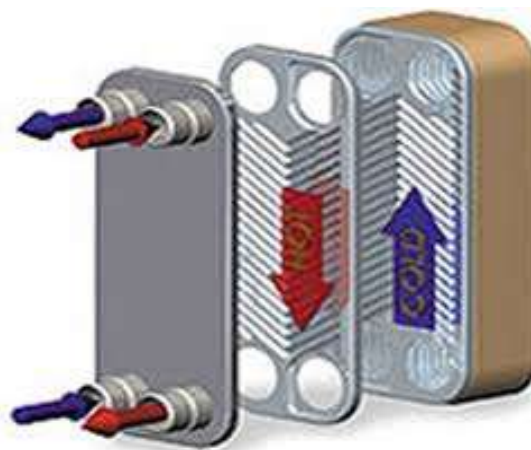
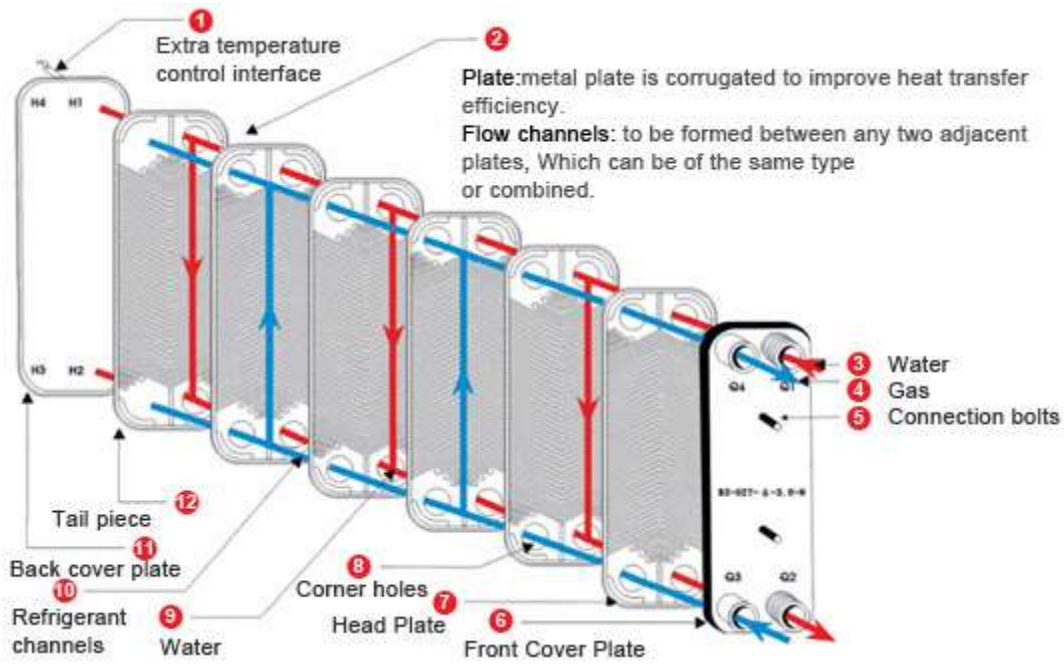
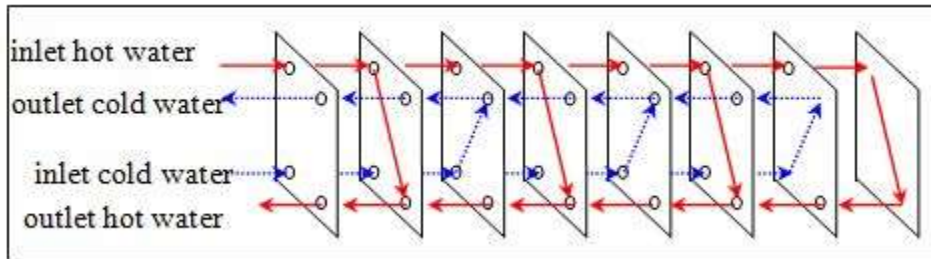
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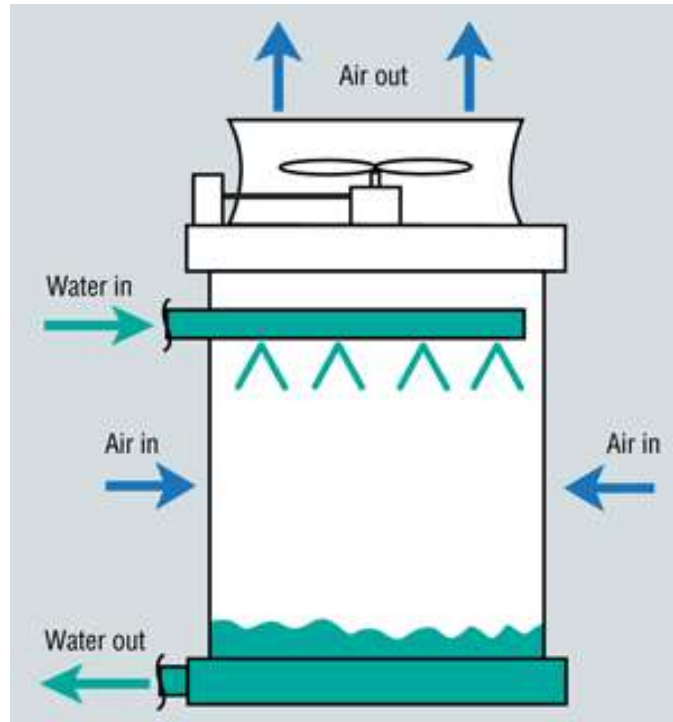


Flow principle of a plate heat exchanger



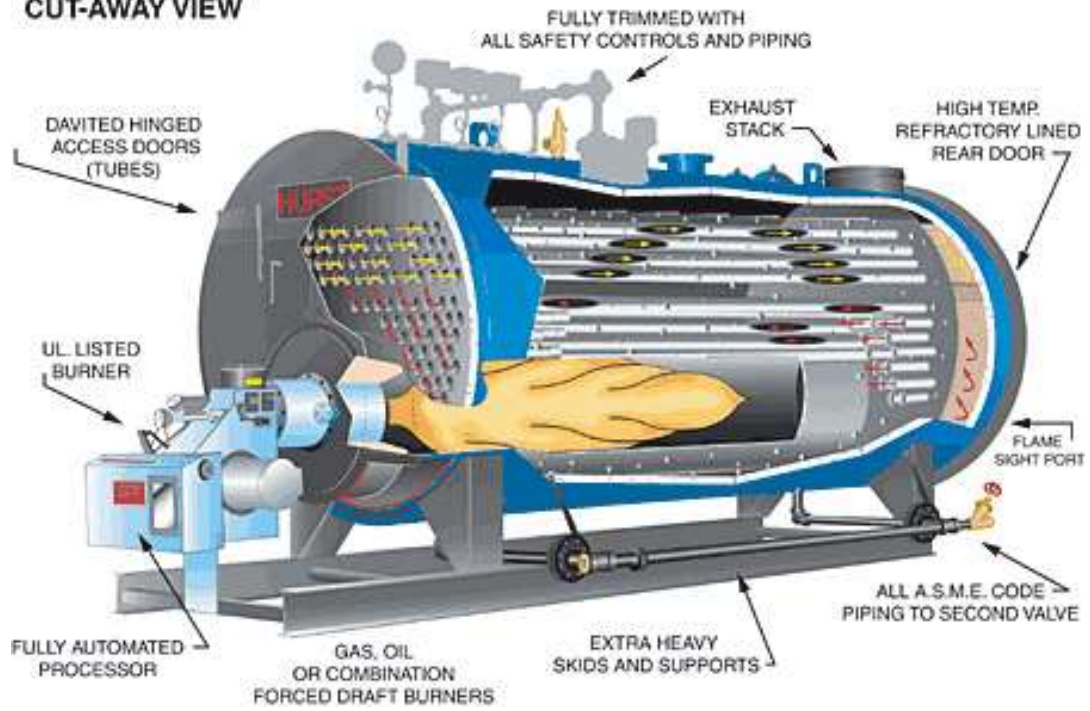




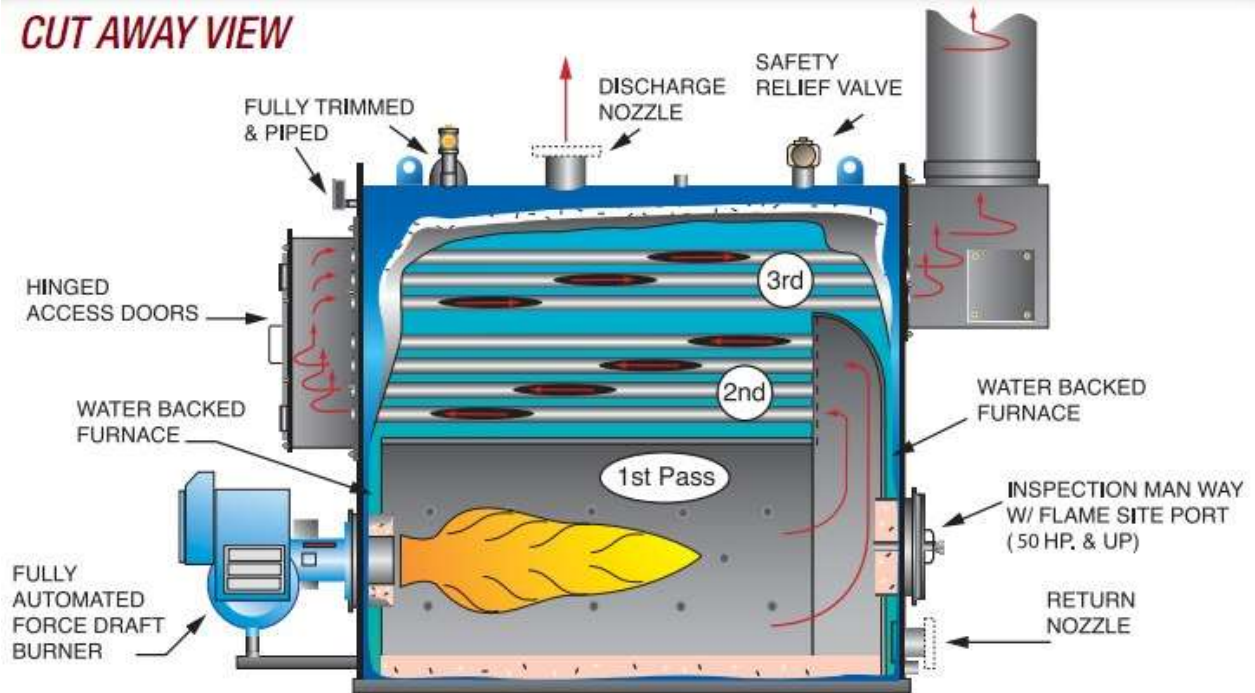




### CUT-AWAY VIEW



### CUT AWAY VIEW





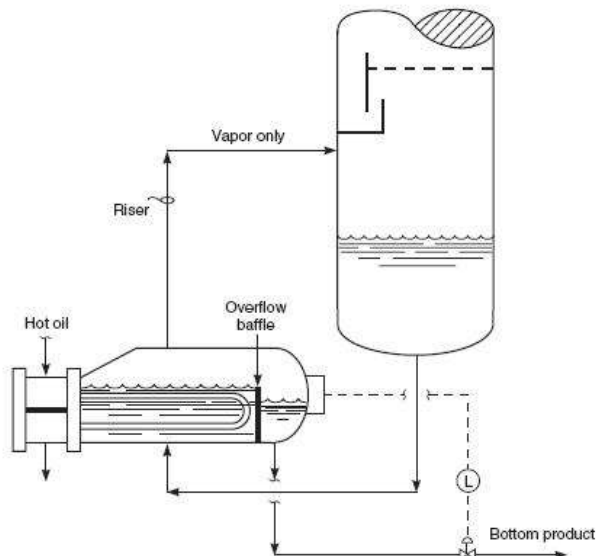
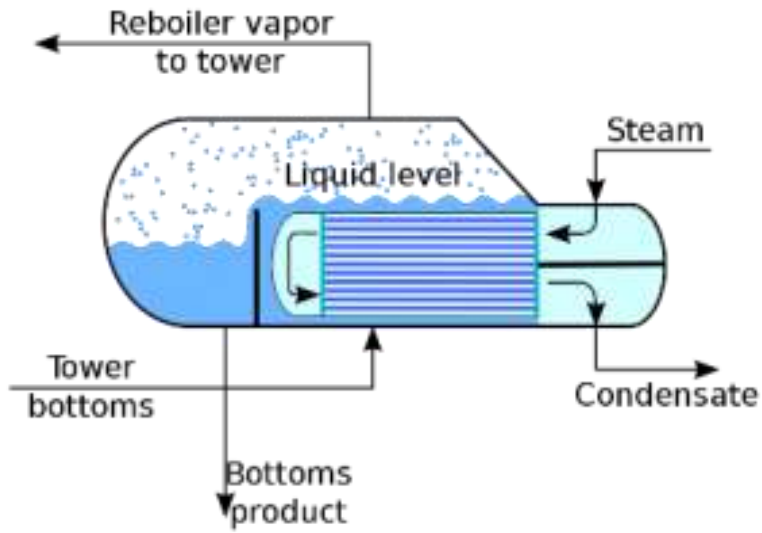
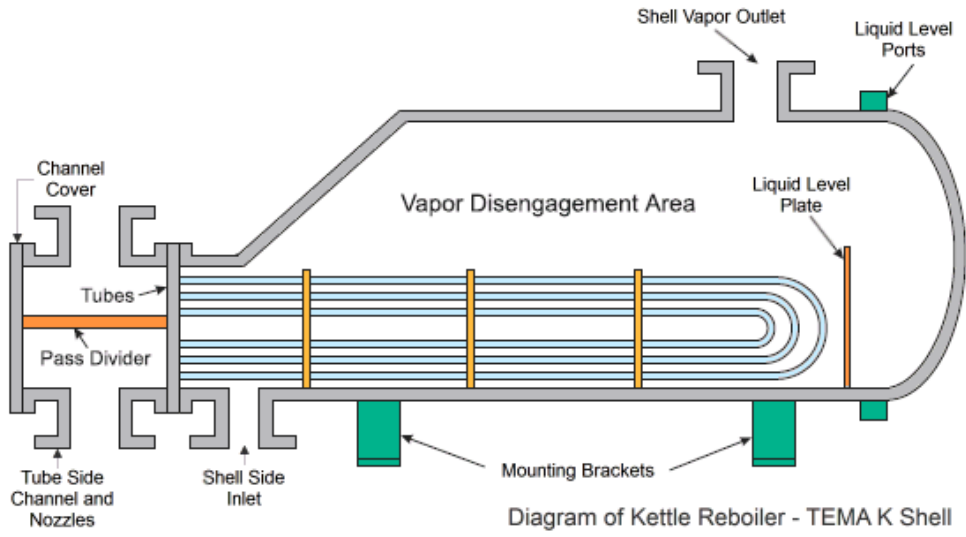
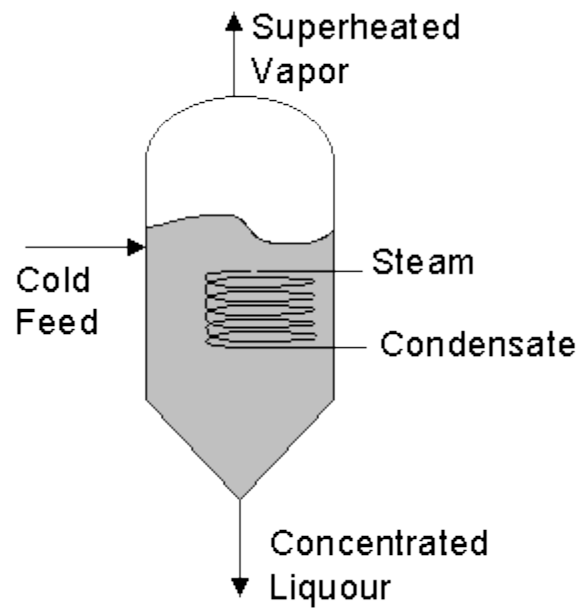


FIGURE 7.7 Kettle reboiler.



# 1. Horizontal Tube Evaporator

