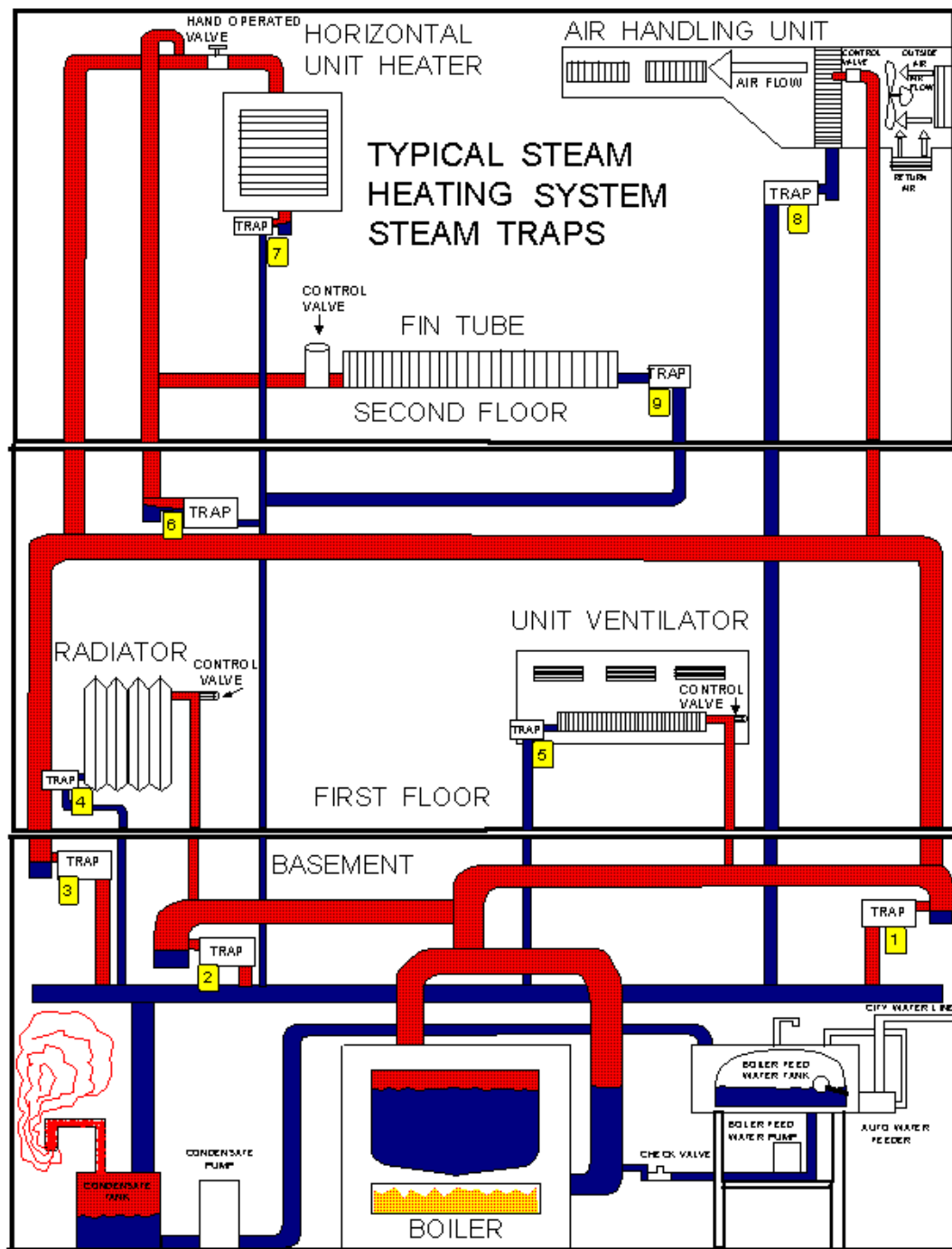
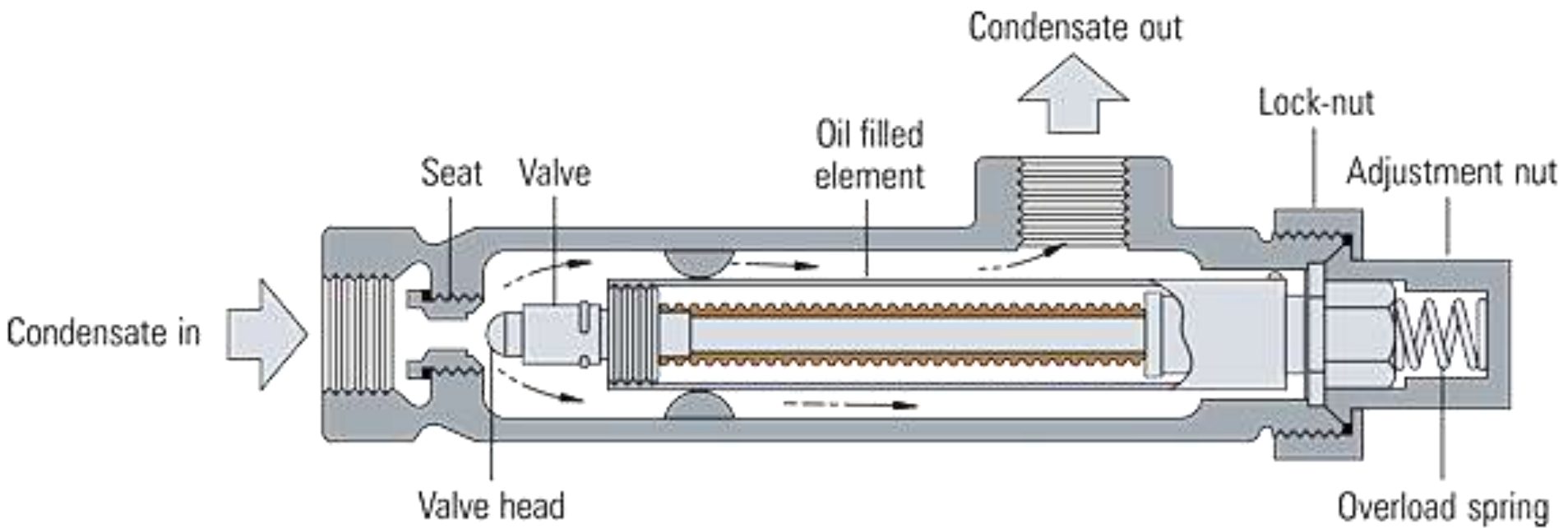


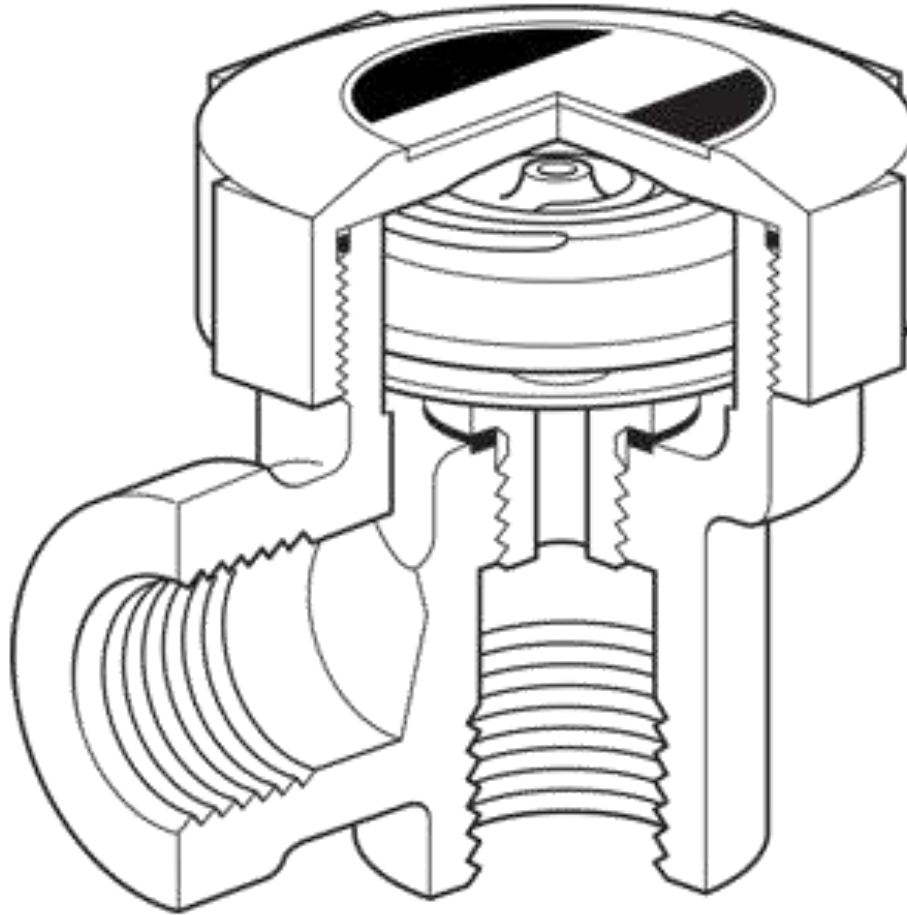
# STEAM TRAPS



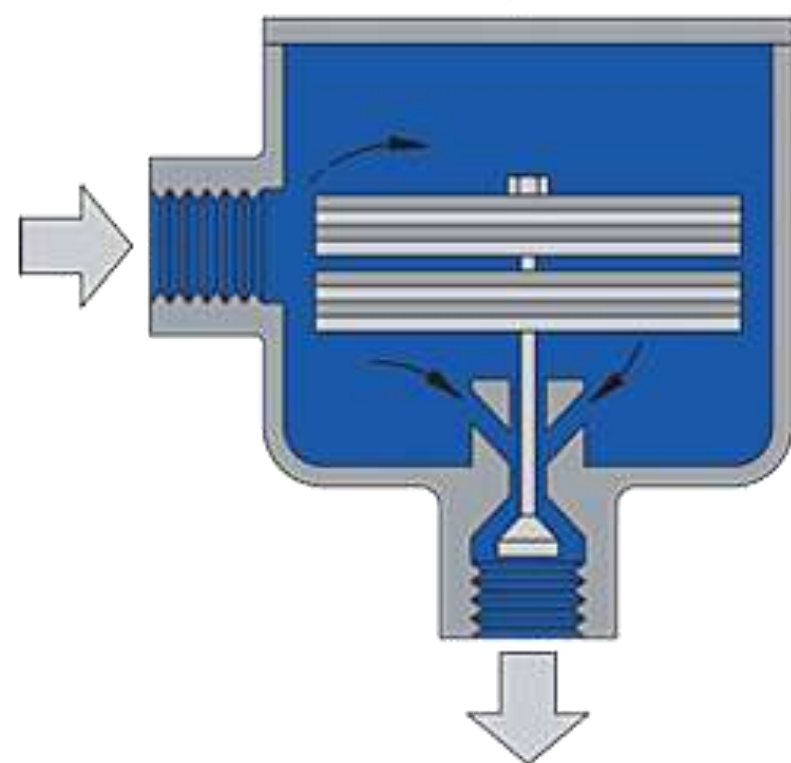
## Liquid expansion steam trap



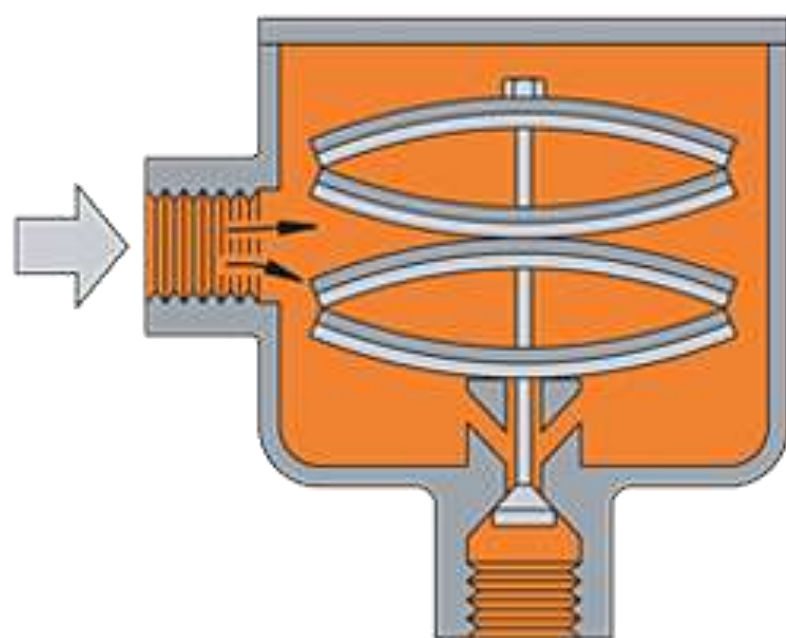
## Balanced pressure steam trap with replaceable capsule



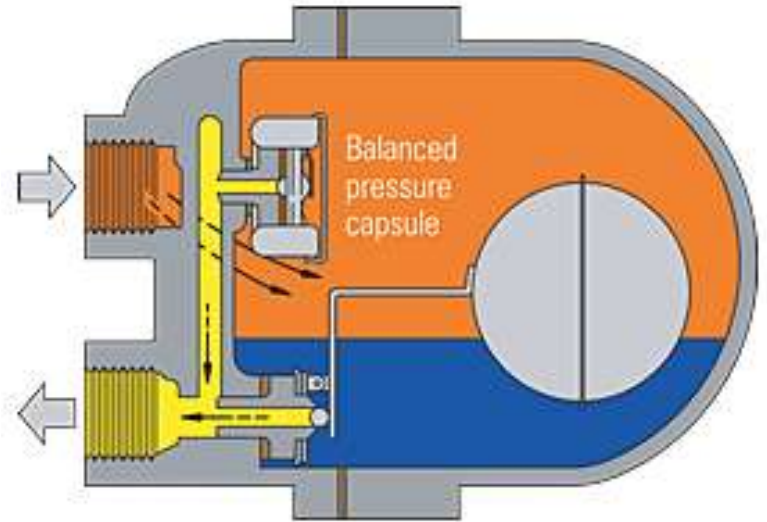
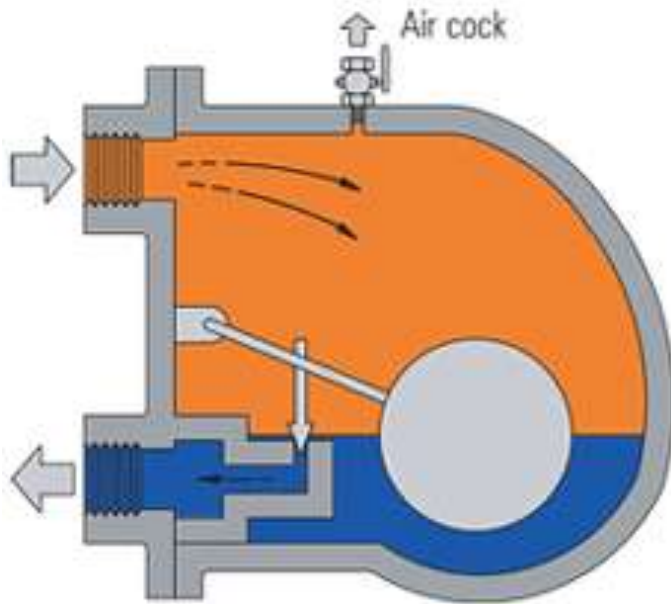
**Open**



**Closed**



## Ball float steam trap



The ball float type trap operates by sensing the difference in density between steam and condensate. In the case of the trap shown condensate reaching the trap will cause the ball float to rise, lifting the valve off its seat and releasing condensate. As can be seen, the valve is always flooded and neither steam nor air will pass through it, so early traps of this kind were vented using a manually operated cock at the top of the body. Modern traps use a thermostatic air vent, as this allows the initial air to pass whilst the trap is also handling condensate.

# Inverted bucket trap

