

Ans-27 Direct contact or jet condensers:

Direct contact condensers are commonly used for condensing the vapour in evaporators and vacuum pans. In this condensers where the cooling water comes into direct contact with the vapour to be condensed.

Surface Condenser

A surface condenser has a great advantage over the direct contact condensers, as the condensate does not mix with the cooling water. As a result of this, whole condensate can be reused in the system. The type of condenser is essential in ships, which can carry only a limited of fresh water for the boilers. It is also widely used in land installation where inferior water is available or the better quality of water for feed is to be used economically.