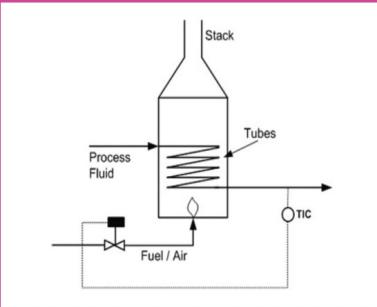


Heater



Heater is used to transfer heat from a heat source to medium or liquid that needs to be heated, there are different types of heaters, they differ their design, mode of operation and applications, like: Electric water heaters, Gas heaters, Steam heaters, and Thermal oil heaters.

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Evaporator



It transfers heat from the process fluid into the refrigerant causing a phase change, in an evaporator, the refrigerant enters as a low-pressure liquid-vapor mixture and exits as a low-pressure gas. The change of state from liquid to gas occurs at a constant temperature and absorbs energy, and its coils used to vaporize compressed cooling chemicals in the process.

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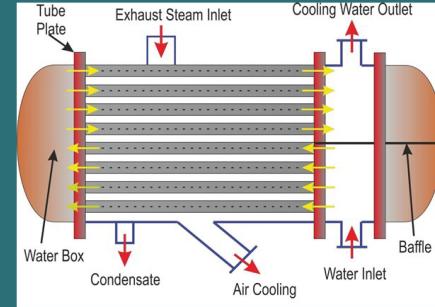
Double Pipe Heat Exchanger



suitable for heating or cooling small flow rates of fluids. They are cheap, have a flexible design, and are easy to maintain. They can be constructed from pipes of the same lengths interconnected with fittings at the ends to maximize floor space, it structure is simple, and the heat transfer area can be increased or decreased freely.

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Condenser



The condenser is a gadget, where vaporous substances are compressed into a fluid state utilizing a cooling agent and then, at that point, latent heat is released in the climate, also It lessens the back pressure of the steam, and subsequently, more work can be acquired, and may it's types include HVAC air curls.

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