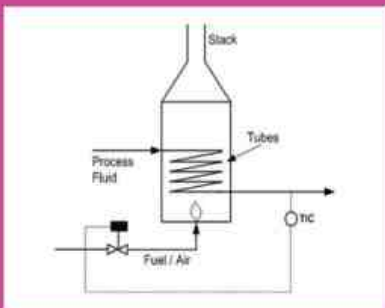


Heater



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.

Made by:

ندى السيد الشحات

349-2821

المستوى الاول

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.

Made by:

روضة عمرو حجازي

124-2828

المستوى الثاني

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, its structure is simple, and the heat transfer area can be increased or decreased freely.

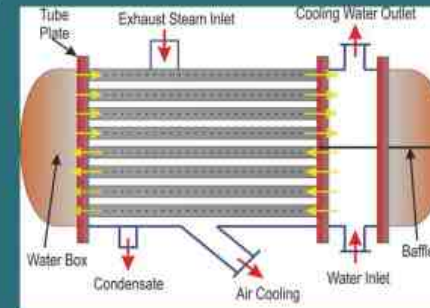
Made by:

محمد نبيل حسنين

264-2828

المستوى الثاني

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.

Made by:

زياد محمود البدراني

135-2828

المستوى الثاني