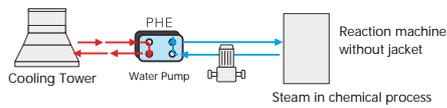


# CHEMICAL INDUSTRY APPLICATION

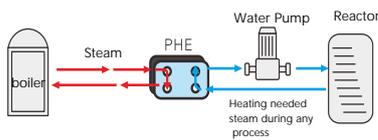
## 化学工业应用

### YOJO PLATE HEAT EXCHANGER APPLICATION IN CHEMICAL INDUSTRY



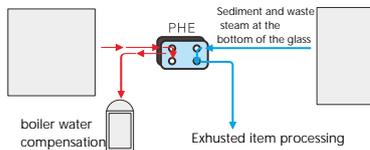
#### The cooling chemical process takes away the reaction heat

The reaction heat generated by the cooling jacket reactor, the heat generated by the reaction process flows through the pump into the plate heat exchanger, heat exchange with the cooling water, and then returns to the reactor. The cooling water used can be water from river lakes or cooling towers.



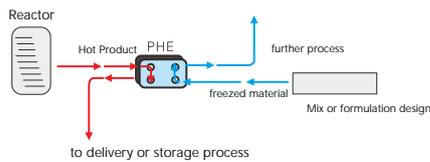
#### Steam heating

Some reaction processes need to heat the reactant, the heating reactant through the plate heat exchanger and steam heat exchange, back to the reactor through the pump. Other hot media outlets include hot water and hot oil.



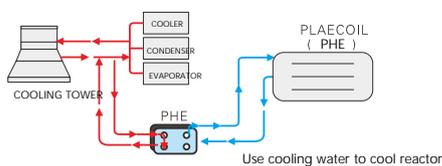
#### Heat Recovery

The application of plate heat exchanger in heat recovery equipment is increasingly important. Chemical production of surplus, waste Heat through the plate heat exchanger for the boiler water supply preheating preheating water into the boiler. cooling After the chemical waste for waste treatment or discharge.



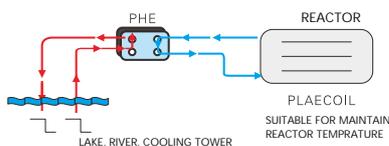
#### Regenerative heat exchange

The thermal chemical products from the reactor transfer the heat to the heat required chemical material through the plate heat exchanger, then the raw material will get in to the following industrial process, and the cooled products can be delivered or reserved directly.



#### Cooling Machine bypass

When the ambient temperature can make the cooling tower directly provide cooling water that suitable for the temperature, using plate heat exchanger as bypass can save a lot of energy consumption, which can be directly used in cooling reaction products.



#### Cooling the closed circulating water

The plate heat exchanger is used to maintain the temperature of the reactor and it will start heat exchanging with river water or cooling tower to maintain the temperature of circulating water.

