

P - 06 - CONDENSATE POLISHER PACKAGE



Taravosh Jam Co. is a Manufacturer in Iran & Middle East for design and delivery of the condensate polisher package.

In this package, the condensate is collected and then used as boiler feedwater. Before re-use, the condensate must be purified or "polished" to remove impurities. Therefore a condensate polisher is used as part of the steam cycle. It is filled with polymer resins that are used to remove or exchange ions such that the purity is near distilled water.

Applications Condensate Polisher Package:

- The removal of impurities both dissolved (i.e., silica oxides and chloride) and suspended matter (ex. iron oxide & copper oxide) particulates which have the potential to cause damage to the boilers, steam generators, reactors, and turbines.
- The removal of minerals has the secondary effect of maintaining the pH balance of the water near neutral by removing ions that would tend to make the water more acidic. This reduces the rate of corrosion where water comes in contact with metal.
- The condensate deoiling package is used to remove potential hydrocarbon traces from steam condensates. It supplies the client's request.
- Improve Boiler Water Quality
- Minimize Boiler Blow Down
- Enhance Operating Efficiency

Design Condensate Polisher Unit:

Size	condensate Flow- m3/hr	
	MIN.	MAX.
A250	150	250
A500	250	500
A750	500	750
A1000	750	1000
A1250	1000	1250

