

Solvent Recovery Tower



Solvent recovery tower is based on the principle that the boiling point of distilled solvent is lower than the boiling point of other liquids. With a temperature slightly higher than the boiling point of distilled solvent, the dilute raw material solution to be recovered is heated and volatilized. After the tower body ripple packing material is refined, pure distilled solvent gas is precipitated, and the concentration of distilled solution is increased to achieve the purpose of solvent recovery. So it is suitable for dilute alcohol

recovery in pharmaceutical, food, light industry, chemical industry and other industries. It is also suitable for distillation of methanol and other coal-soluble products.

Our solvent recovery tower can distill alcohol output reach to 93-95% ,the alcohol in waste residue less than 1%.

The equipment including the following unit: re-boiler, tower column, condenser, sub-cooler, solvent collection tank and pipeline.

- Technology data Specification -

Model	JH200	JH300	JH400	JH500	JH600	JH800
Item						
Tower column diameter (mm)	200	300	400	500	600	800
Tower height (mm)	7200	7200	7200	7200	7200	9000
Re-boiling tank volume (L)	600	1000	1500	2000	3000	4000
Feeding concentration for alcohol	30%-50%					
Output concentration for alcohol	93%-95%					
Output capacity for alcohol (kg/h)	60-80	90-100	120-150	200-300	350-400	550-600
Dimension L*W*H (m)	2.5*0.8*10	2.6*0.9*10	2.8*1.0*11	3.0*1.0*11	3.5*1.4*12	4.2*1.7*14

*According to the process ,the re-boiler we can choose the external single effect evaporator model and horizontal type tank model *
 Above model just for reference, we can do according to client' s URS