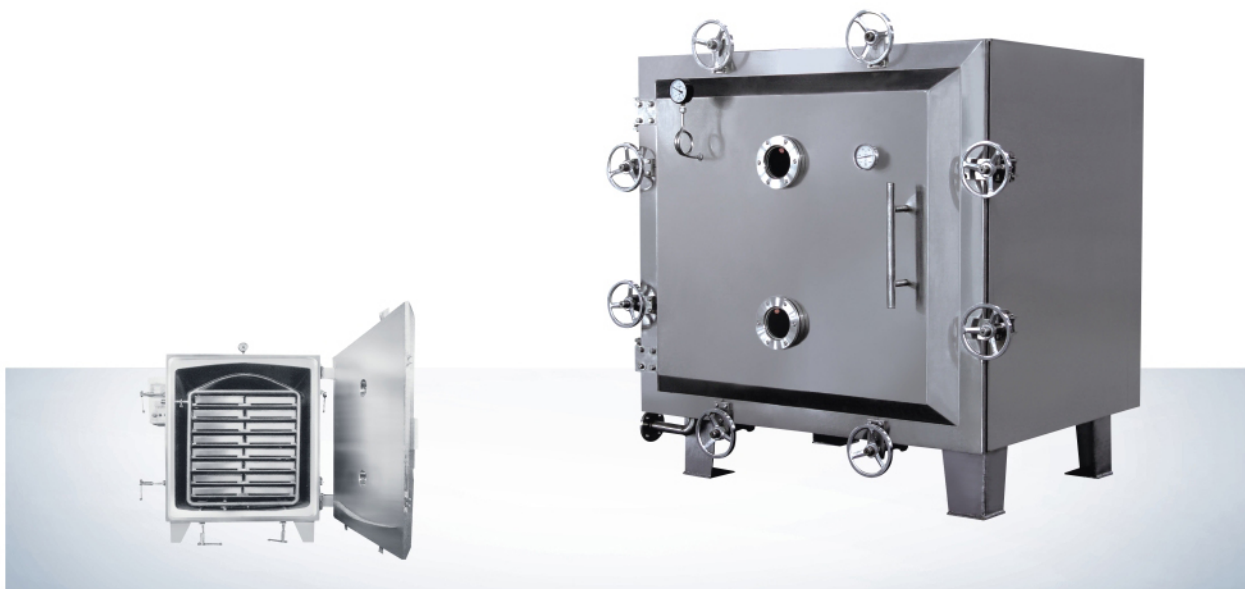


Vacuum Dryer



This equipment can be used for low temperature drying and organic solvent recovery. Heat source can be steam, hot water and thermal oil. It is specially suitable for drying materials that is easily oxygenated during drying.

In the drying chamber, material will be dried under vacuum condition. Under the vacuum condition, the boiling point of material solution will reduce. It will increase impetus for heat and mass exchange. Therefore for certain heat exchange amount, it can

save heat exchange area of evaporator.

Material is under static condition during operation of the equipment, which is benefit for keeping initial status of material. Intermittent operation can adjust process conditions at any time.

On the top of vacuum dryer, heating system is arranged to tackle the problem of return of condensed water, in addition, air suction is arranged at the side to improve drying efficiency.

- Technology data Specification -

Model	FZG-10	FZG-15	FZG-20
Item			
Layers of backing support	5	8	12
Interval(mm)	122	122	122
Quantity of baking tray	20	32	48
Size of baking tray(mm)	460×640×45	460×640×45	460×640×45
Working pressure inside the pipe of baking support (Mpa)	≤0.784	≤0.784	≤0.784
Temperature inside the chamber(°c)	≤150	≤150	≤150
Degree of vacuum inside the chamber when operation in idle (Mpa)	-0.09 --- -0.096		
Under the vacuum condition of 30 Pa, evaporation rate of water (Kg/m ² ,h)	7.2		
Model and power of vacuum pump when condenser is used(Kw)	2X-70A 5.5	2X-70A 5.5	2X-90A 7.5
Outer size of drying chamber(mm)	1924×1720×1513	1513×1924×2060	1924×2500×1513

*Above model just for reference, we can do according to client's URS *