



Chemical Powder Food Industrial Automated Square Vacuum Dryer YZG-series



Pure water has the highest gasification speed under boiling conditions. At normal pressure, pure water starts to boil at the temperature of 100°C, under vacuum conditions, as vapor pressure in the system is lower than that of the material surface, the boiling point of water is under 100°C, e.g. when the surface is at 0.07MPa, water will boil at the temperature of 70°C, the higher of vacuum pressure, the lower of boiling point. In the vacuum dryer, evaporated water can be removed quickly by the vacuum system. Therefore, this dryer has a larger drying capability although it's under lower operation temperature.

Description

It is easy to resolve for the high temperature, the low temperature of getting together and rotten temperature sensing suppliers is dry, widely adopted in such trades as pharmacy, chemical industry, food, electron, etc.

Main Features

- 1) The boiling point of the supplies solution is reduced under the vacuum, making the heat transfer motive force of the evaporimeter increase, so it can save the area of heat transfer of the evaporimeter to a certain biography heat.
- 2) The heat source that the evaporation operates can adopt low-voltage steam or the used heat and steam.
- 3) There is few loss of heat of evaporimeters.
- 4) Can be disinfected before the dryness, there is no impure thing of works of excellence to sneak into the dry course, according to GMP standards.
- 5) It is a static vacuum desiccator, so the physique of the dry suppliers will not be damaged.
- 6) Adopt the condenser, which can retrieve the solvent in the suppliers effectively.

Specifications

Item	YZG-600	YZG-800	FZG-10	FZG-15
Dryer inside size	Φ600x976	Φ800x1320	1500x1040x1200	1500x1400x1200
Dryer outside size	750x950x1050	950x1210x1350	1676x1700x1564	1676x2060x1564
Layers of baking shelves	4	5	5	8
Layers distance	85	120100	120	120
Baking plate size	310x600x45	460x640x45	460x640x45	460x640x45
Quantity of baking plate	4	4	20	32
Work pressure inside the pipe support	≤0.784	≤0.784	≤0.784	≤0.784
Operate temperature of baking shelves	35-150	35-150	35-150	35-150
Vacuum degree in dryer	-0.1	-0.1	-0.1	-0.1
in -0.1 Mpa 110 degree,evaporation rate of water	7.2	7.2	7.2	7.2
When use condenser, the vacuum model, powder	2X-15A2KW	2X-30A3KW	2X-70A5.5KW	2X-70A5.5KW
Without condenser, vacuum pump model and power	SK-0.51.5KW	SK-12.2KW	SK-24KW	SK-25.5KW
Weight	250	600	1400	2100