Hopper type microwave vacuum composite dehumidification drying device

Advantages of the hopper type microwave vacuum composite dehumidification drying device are as follows:

1. Efficient.

Microwave vacuum drying uses radiation energy transfer, which is the overall heating of the medium. No other heat transfer medium is needed. Therefore, hopper type microwave vacuum composite dehumidification drying device has high speed, high efficiency, greatly shortened drying cycle and reduced energy consumption.

2. Heat evenly.

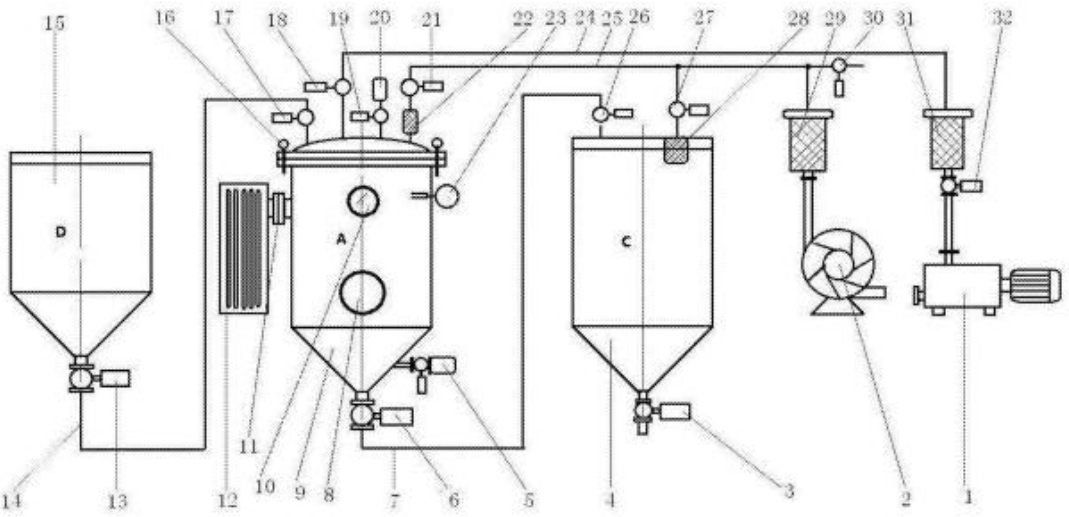
Since the microwave heating is simultaneous heating inside and outside the material, the temperature difference between the inside and the outside of the material is small, the microwave vacuum composite dehumidifying and drying device does not cause the inconsistency of the inside and outside heating which occurs in the conventional heating, the drying quality is greatly improved.

3. Simple and easy to control.

The microwave has the characteristics of rapid adjustment of power and no inertia, and the hopper type microwave vacuum dehumidification drying device is easy to control at once.

4. The product quality is good.

The quality of processed products has been greatly improved.



Schematic diagram of hopper microwave vacuum composite dehumidification drying device

1 is a vacuum pump; 2 is a scroll fan; 3 is a packing silo discharge valve; 4 is a packing silo; 5 is an inflating valve; 6 is a vacuum chamber discharging valve; 7 is a discharging pipe; 8 is a cleaning port; 9 is a vacuum chamber; 10 is a viewing window; 11 is a waveguide flange; 12 is a microwave source; 13 is a raw material bin discharge valve; 14 is a feeding pipe; 15 is a raw material warehouse; 16 is a ball top caliper bolt; 17 is a vacuum Room feed valve; 18 is vacuum chamber exhaust valve; 19 is discharge air supply valve; 20 is discharge air supply filter; 21 is vacuum chamber loading exhaust valve; 22 is feeding dust filter; 23 is Level sensor; 24 is vacuum pipe; 25 is negative pressure pipe; 26 is packing silo feeding valve; 27 is packing silo feeding exhaust valve; 28 is feeding dust filter; 29 is total pipeline dust filter ; 30 is a remote delivery valve; 31 is a vacuum chest dust filter; 32 is a vacuum flapper valve

Technical parameters of hopper type microwave vacuum composite dehumidification drying device:

Model	Capacity (kg)	Electric (kw)	Fan (w)	Power (v)	Boundary dimension (l*w*h) (cm)	Base size (k*k*d) (cm)	Net weight (kg)
BY-50KG	50	4.5	100	380/3ϕ	87*54*121	16*16*7	45
BY-100KG	100	6.5	250	380/3ϕ	101*70*141	18*18*8	68
BY-150KG	150	9	350	380/3ϕ	110*74*162	20*20*8.8	78
BY-200E	200	12	350	380/3ϕ	118*84*176	23*23*11.5	110
BY-300KG	300	15	750	380/3ϕ	142*106*202	27.5*27.5*12	152
BY-400KG	400	15	750	380/3ϕ	148*106*202	27.5*27.5*12	170
BY-600KG	600	20	1100	380/3ϕ	158*116*240	28*28*13.5	280

Leader Microwave Equipment Company is a leading manufacturer of hopper microwave vacuum composite dehumidification drying device and dual temperature microwave vacuum test furnace. We have many years of manufacturing and sales experience. Almost all of the customers who came to the test machine have gotten satisfactory equipment from us.So far, our customers and friends have been in many countries and regions at home and abroad, such as Americas, Africa and Asia. Welcome to contact us.