

High Temperature Dehumidification Heat Pump Drying Machine



Drying Machine Application

Widely used to drying fruit, vegetable, herbs, meat products and some seafood. Such as litchi, honeysuckle, day lily, mushrooms, blueberry, medlar, jujube, walnut, plum, tea, apricot, raisin, bacon, sausage, small shrimp, some herbs and so on.



Heat pump unit and fittings

- Control system
- External fan
- Vacuum blower
- Moisture exhaust fan
- Electrical wind renewing door
- Wet exhaust window

Data Parameter		
Item	High temperature with dehumidity integrated heat pump dry machine	
Mode	DF/HP-12	
Power source type	380V /3N-/50HZ	
compressor	Input power	12HP
	Brand	Valley wheel from America
	Type	Closed vortex compressor
Evaporator	Hydrophilic aluminum foil sleeve	
Condenser	Hydrophilic aluminum foil sleeve	
Rated heat	KW	36
Rated current	A	18
Maximum temperature/rated temperature	℃	85/80
refrigerant filling volume	KG	4.5*2
Ambient temperature condition	℃	-60
Size	Heat pump host(mm)	2500*1400*1500
	Heat pump vice machine(mm)	/
Equipment weight	KG	500
Noise	Db(A)	55
Exhaust maximum temperature	℃	115
Exhaust side pressure	Mpa	≅2.35
backpressure	Mpa	≅0.05
Axial flow fan	Power(KW)	0.75*1/1.1*1
	Specification	380V /3N-/F500
	Air volume(M3)	10000-15000
Waterproof level	I	
Type of electric shock protection	IP*4	
Size of brass joint	/	
Standard accessories	Instruction/warranty card/certificate	



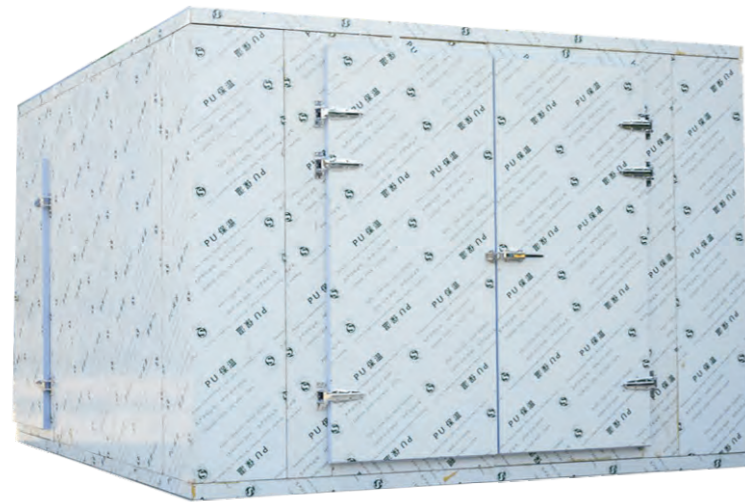
Drying room data parameter and fittings list

Drying Room Size:

6320(L)*2750(W)*2300(H) MM

The hot air in the oven adopts the left and right circulation.

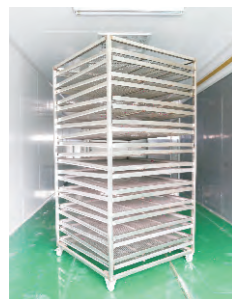
Material: Cold storage board.
Board material: Color steel plate.
Insulation material: Polyurethane.
Cold storage plate thickness: 50MM.



Drying room fittings

- Wire and Cable
- Reinforce Square pipe steel (304)
- Air duct
- Special door
- U steel 100*50
- 304 steel plate
- Floor plate
- Rivet and glue
- Square pipe bracket
- 304 dryroom
- Dryroom door
- Other fittings

Option fittings (trolley and tray)



Trolley



Wood Tray



Wood+SUS304 Tray

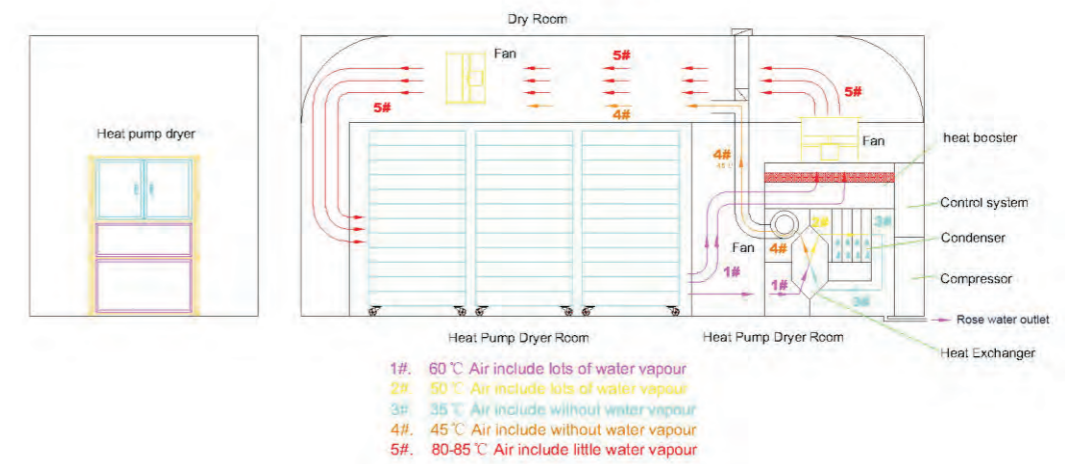


Plastic Tray



SUS304 Tray

Principle Diagram



Installation Diagram



We chat