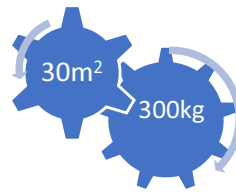


Freeze dryer FD-300



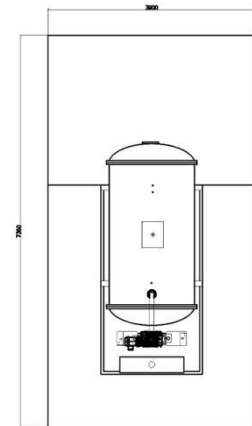
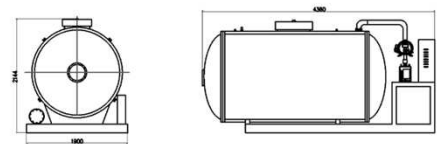
FD-300 Freeze dryer introduction

The FD-300 is a 300kg freeze dryer machine, 300kg is fresh product input capacity. FD-300 is the biggest integrated freeze dryer machine (all-in-one type). All accessories have already assembled together with the freeze dryer machine chamber, and installed, tested before shipment. It is ready for use after the arrival in user's factory. FD-300 freeze dryer machine is one of the best options for small and middle production. Many users order this model as a start, and all of them get great success and expand the next year.



The feature of FD-300 freeze dryer machine

- 1, Input capacity: 300kg/batch; and output depending on solid material content.
- 2, All components installed together with the freeze dryer chamber in the same frame.
- 3, Water cooling condenser or air-cooling condenser for option.
- 4, SUS304 shelves for conductive freeze dryer machine, and AL-6063-T5 for radiant type.
- 5, Products are loaded by trays by trays.
- 6, Low labor cost, as it needs 1-2 workers to load.
- 7, Automatic and manual control program.
- 8, Historical data records and excel documents data.
- 9, Multilingual HMI with 4 languages.
- 10, Stable and reliable performance.



Technical specification

Model	FD-300
Type	All in one, ready to use
Capacity	300kg/batch
Vapor Condenser Temperature (°C)	-45°C
Shelf Temperature (°C)	From -30°C to 100°C
Product Cooling	-30°C
Shelf Area	30.0m ²
Refrigeration compressor	Low temperature
Refrigerant	R404A
Cooling way	By air/water cooling
Vacuum system	Vacuum pump + booster
Ultimate vacuum level (Pa)	10 Pa
Installed power	44kW
Defrost way	By hot water
Control system	PLC with HMI; Recipes setting, Data records
Installation area (m ²)	30 m ² (estimated)
Chamber dimension	4500*2000*2550mm (L*W*H), SUS304
Estimated Weight (kg)	5000kg