



Mini Freeze Dryer

User Programmable

One Machine for All Food

One Key Start Healthy Lifestyle



Make Your Healthy Freeze Dried Food At Home



Mini Freeze Dryer NovaDryer HF/LF-Series



NovaDryer-HF400/HF600/LF400/LF600(4 Trays)

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Features

- *One-key start automatic run
- *User programmable settings for various food Automatic/Manual dual control modes
- *USB history curve and data export>
- *SUS304 stainless steel interior and trays Compressor and vacuum pump protection
- * Silent and low-heat vacuum pump
- *PLC controller with color LCD touch screen>Password
- *protection for authorized access> Multiple temperature PT100 sensors
- *CFC-free refrigerant
- *Unattended during night> Automatic defrosting
- * Guaranteed warranty & free lifetime support>
- * Powder coated housing (Optional: stainless steel exterior)
- *Clear acrylic glass door with direct observation of freeze drying status
- *Thermostatic heating stainless steel tray and stainless steel

chamber reliable for food safety and easy for cleaning

***Optional:** Premium vacuum pump. USB data export interface, vacuum pump inlet oil filter, vacuum pump air outlet smoke filter



EMERGENCY PREP



GARDEN & DRCHARD



CAMPING & HUNTING



FOOD STORAGE



HEALTHY LIVING



FAMILY GATHERING



PARTY



SNACK BAR & FOOD SHOP



PET FOOD



Freeze Drying Eggs & Dairy

It's true! You can easily freeze dry eggs to save money on rising egg prices. You can even freeze dry them raw to use later as cooking ingredients. When stored properly, they have a shelf life of 15 years.



Preserve Your Garden Harvest

Every year we plant a garden and every year we produce much more than we can eat or preserve. We gave so much away. Our freeze dryer now makes it possible to eat our own fresh produce in the middle of the winter!



Spy the Avocados

You can freeze dry avocados! They're just as perfect as when they were fresh. This is a game changer, considering how quickly avocados ripen and spoil! And, rehydrated they make the perfect guacamole.

Main Features

Easy Operation

User programmable control
LCD touch screen
One-key start
Automatic/manual dual modes



Password Protection

Only authorized user can log into control system for setting and modifying recipes according to different products to be freeze dried

Food Safety Assurance

GMP standard
Food grade materials
SUS304 chamber and trays



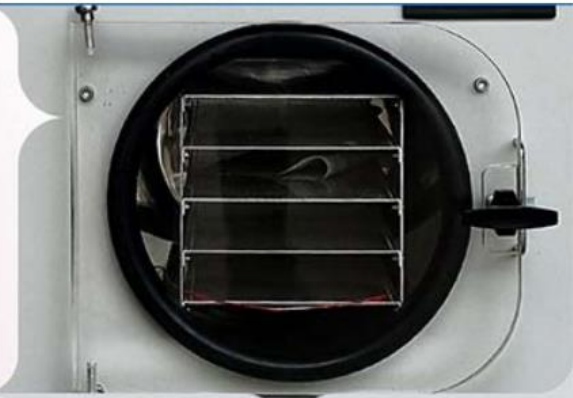
2



Acrylic Door

25mm thick large clear door for easy observation of freeze drying status
Low temperature resistant to achieve -70°C

3



Silent Premium Vacuum Pump at Users' Option

40-50dB low noise, low heat and long life.
Automatic Run/Stop controlled by PLC system of the freeze dryer

4



Before Freeze Drying



After Freeze Drying

Specifications

NovaDryer-HF Series(-40°C)

Model: HF400

Heating Method: Thermostatic Shelf Heating

Tray Area(m²): 0.35

Tray Size(WxDxH,mm): 195x445x20

Tray Qty. (PCS): 4

Tray Space (mm): 46

Max. Load Capacity(Kg): 6

Icing Capacity (L): 6

Compressor: Single

Vacuum Pump Type; Direct-drive Rotary Vane Oil Vacuum Pump (#68/#100 Vacuum Pump Oil)

Cold Trap Temperature(°C): -40(RT<25°C)

Temperature Sensor: PT100

Extreme Vacuum Degree(Pa): 10

Refrigerant: R404a

Total Power(Kw): 1.55

Power Consumption (Kw/Hr): 1.10

Environmental Temperature: ≤25°C (Freeze drying time may increase if higher than 25°C)

Dimensions (WxDxH,mm): 520x700x760

Packing Size(WxDxH,cm): 97x95x102

N.W.(main unit)/G.W. (Kg): 87/15

Power Supply: 200-240V/50Hz (Optional: AC 200-240V/60Hz, AC103-127V/60Hz)

Weight of vacuum pump and all the accessories is not included in N.W.

Accessories



Standard Vacuum Pump



Premium Vacuum Pump



SUS304 Tray



Non-stick Silicone Food Mat



Optional Accessories



Vacuum Solenoid Valve



Vacuum Inlet Dust Filter



Vacuum Outlet Smoke Filter

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