

Mini Freeze Dryer NovaDryer HF/LF-Series



Perfect for freeze-drying fruit, vegetables, meats, dairy products, flowers, herb, desserts, and small-scale use in lab



Features

- Programmable micro controller(HF100) or one-key start PLC controller(HF400/600) with Color LCD Touch screen
- Powder coated housing (Optional: stainless steel exterior)
- Thermostatic heating stainless steel tray and stainless steel chamber reliable for food safety and easy for cleaning
- Clear acrylic glass door with direct observation of freeze drying status
- Optional: USB data export interface, oilfree vacuum pump(HF100/400 only), anti-backflow cut-off valve



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.

Specifications

Model	NovaDryer-HF Series(-35°C)			NovaDryer-LF Series(-60°C)		
	HF100	HF400	HF600	LF100	LF400	LF600
Heating Method	Electric Thermostatic Shelf Heating					
Tray Area(m ²)	0.1	0.4	0.6	0.1	0.4	0.6
Tray Size(mm)	145x275	195x445	350x430	145x275	195x445	350x430
Tray Qty. (PCS)	3	4	4	3	4	4
Tray Space (mm)	45	45	60	45	45	60
Sublimated Ice Capacity (Kg/)	1	3.7	6	1.5	5	7
Compressor	Single	Single	Single	Dual	Dual	Dual
Vacuum Pump Type	2-Stage Rotary Vane with anti-suck back protection					
Cold Trap Temperature(°C)		-40			-70	
Temperature Sensor	PT100					
End Vacuum Level(Pa)	10	10	10	10	10	10
Refrigerant	R402a			R402a(1st compressor)+R22(2nd compressor)		
Total Power(Kw)	0.75	1.1	2.3	1.7	2.5	3.3
Power Consumption (Kw/Hr)	0.6	0.9	1.6	1	1.8	2.4
Environmental Temperature	≤25°C (Freeze drying time may Increase if higher than 25°C)					
Dimensions (WxDxH,cm)	51x55x72	75x89x79	83x87x119	51x55x72	75x89x79	83x87x119
Packing Size(WxDxH,cm)	74x69x80	108x70x101	101x84x130	83x65x86	120x78x114	105x85x133
N.W.(main unit) / G.W. (Kg)	53/109	87/145	132/198	90/140	162/193	220/250
Power Supply	AC220V/50Hz(Optional: AC220V/60Hz, 110V/60Hz)					