



FREEZE DRYING CANNABIS RANGE

Specification		HL50		HL600		HL1200		HL1800	
		m	ft	m	ft	m	ft	m	ft
Product Chamber - Overall Dimensions (AISI 304 S/S)	L	3.44	11.30	6.81	22.34	5.12	16.80	7.20	23.62
	W	1.40	4.60	2.53	8.30	2.80	9.18	2.80	9.18
	H	1.94	6.37	3.10	10.17	2.58	8.46	2.58	8.46
Performance Ice Trap Capacity (18hr)*		50 kg / 110 lbs*		600 kg / 1,322 lbs		1,200 kg / 2,645 lbs		1,800 kg / 3,996 lbs	
Number of Usable Shelves		8		15		15		15	
Heat Plate Modules		2		2		4		6	
Usable Tray Area		8.1 m ² / 87.3ft ²		44.7 m ² / 481.1 ft ²		89.3 m ² / 961.2 ft ²		134 m ² / 1,442.3 ft ²	
Frozen + Dry Throughput Per Day [†] (Frozen Weight In = Live Dried Weight Out)		64-80 = 16-20 lbs		352-440 = 88-110 lbs		704-880 = 176-220 lbs		1,056-1,300 = 264-330 lbs	
		29-35 = 7.2-8.8 kgs		158-194 = 39.5-48.5 kgs		317-387 = 79.25-96.8 kgs		475-581 = 118.7-145.2 kgs	
Product Trays: Anodized Aluminum (2 Sets Supplied)		16 per load		88 per load		176 per load		264 per load	
Tray Trollies Supplied		2		4		8		12	
Tray Size		495 mm x 1025 mm x 20 mm / 18.3 in x 40.35 in x 0.78 in							
Fresh Frozen Per Tray Capacity		4 - 5 lb or 1,800 - 2,250 grams / 1.8 - 2.2 kg							
Shelf Spacing		50 mm / 2 in working height							
Shelf Temperature		-20°C to 70°C / -4°F to 158°F (upgrade of shelf freezing to -35°C/-31°F available)							
Shelf Heating Rate (°C / hr) (min)		10°C to -25°C / 5°C to -30°C		10°C / 18°F (average)					
Ice Coil Temperature		-40°C / -40°F							
Heating / Cooling Medium		Heat Transfer Fluid							
Estimated Typical Operational Power Consumption (Dry Mode)		10 kW		48 kW		84 kW		120 kW	
Typical Power Usage (24 hr Cycle)		240 kWh		1,152 kWh		2,016 kWh		2,880 kWh	
Estimated Energy Consumption		3.36 kWh/kg		2.03 kWh/kg		2.02 kWh/kg		1.92 kWh/kg	
Potential Heat Energy Recovered		N/A		70 kW		110 kW		140 kW	
Weight (Chamber)		2,500 kg / 5,511 lbs		11,900 kg / 26,235 lbs		18,200 kg / 40,124 lbs		33,500 kg / 73,855 lbs	
Special Programmed Recipes		4		4		4		4	
Nominal Build Time (Working Weeks)		14		20		22		25	

* Performance ice trap capacity for HL50 is 50kg / 110lbs in 24hrs

† Actual throughput and per tray capacity depends on bud size, density, and other strain-specific factors

Disclaimer: Every effort is made to provide information that is accurate, however this may change at any time. Power numbers are calculated and may differ during operation due to different products and recipes.

PRICED COMPETITIVELY Call to discuss which size model is best for your operation.



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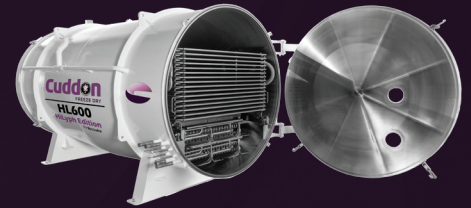
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THE ORIGINAL RESINATOR is pleased to announce our partnership with **CUDDON FREEZE DRY** and the release of our **HILYPH EDITION** (Horticultural Inflorescence Lyophilizer).

Cuddon Freeze Dry has been manufacturing freeze dryers since 1963 with now over 400 installations worldwide.

Cuddon Freeze Dry products are the benchmark for quality in sublimation solutions. Dryers are exported world-wide as turnkey projects and supported by local networks and on-line control system support.

The Original Resinator in cooperation with Industry Processing Solutions manages the delivery, on-site installation, commissioning, staff training and supply documentation. Spare sets of product trays and tray trolleys are available allowing optimal turn around and utilization of the equipment.



HL600

OUR TURN-KEY PACKAGE INCLUDES:

- Design
- Manufacture
- Shipping to your farm or facility
- Installation
- Commissioning / initial production cycle
- Staff training
- 2x sets of anodized aluminum product trays
- 12-month warranty

FEATURES:

- Uses CO2 refrigerant, which is zero ODP and 1 GWP
- Shelf freezing to -35°C, heating to +70°C
- Ice coil at -40°C
- Hot water defrost system
- 1.9kWh of energy per kg
- HL50 is mobile
- Fully automatic touch screen control



HL1200

FULL STAINLESS STEEL CONSTRUCTION:

- T304, 2B finish standard
- Aluminum anodized trays as standard with 304 or 316 stainless steel trays optional

CANNABIS / HEMP PRODUCT RANGE:

HL50 HL600 HL1200 HL1800

ADVANTAGE:

Can be used with non-cannabis or hemp products

ALTERNATE EQUIPMENT USES

- Food processing
- Dairy industry
- Nutraceutical
- Research institutions
- Pharmaceutical
- Disaster recovery

SERVICE & SUPPORT

- Remote access via internet when client set up allows
- Comprehensive staff training and manuals provided with sale
- Internationally supported componentry used, enabling local service
- US-based service, expertise, and support



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ISO 9001

BUREAU VERITAS
Certification

