



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	7.70	25.6	5.12	16.80	7.20	23.62
	W	1.40	4.60	2.63	8.63	2.80	9.18	2.80	9.18
	H	1.94	6.37	2.96	9.71	2.58	8.46	2.58	8.46
Performance Ice Trap Capacity (24 Hr)		50 kg / 110 lbs		600 kg / 1,1322 lbs		1,200 kg / 2,645 lbs		1,800 kg / 3,968 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	
Wet + Dry Throughput (Wet Lbs In = Dry Lbs Out)		50 lbs = 13 lbs		300 lbs = 75 lbs		600 lbs = 150 lbs		900 lbs = 225 lbs	
Product Trays: Anodized Aluminum (2 Sets Supplied)		16 per load		88 per load		176 per load		264 per load	
Tray Trolleys 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							
Shelf Spacing		50 mm / 2 in working height							
Shelf Temperature		-35°C to 70°C / -31°F to 158°F							
Ice Coil Temperature		-40°C / -40°F							
Shelf Cooling Rate		40°C to -25°C ≤ 60 min / 104°F to -13°F ≤ 60 min							
Shelf Heating Rate (°C / hr)		10°C / 18°F (average)							
Heating / Cooling Medium		Temper 55							
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		2.4 kWh/kg		1.9 kWh/kg		1.7 kWh/kg		1.6 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	

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.