

"Enhancing Product Quality & Profits"

**CANNABIS FREEZE DRYER** "Stainless Programmable"



MODEL FC 250 +

PRICED AT \$562,915

60 KW CHILLER (APPROXIMATELY 400 LBS/24 - 36 HOURS)

This is the newest concept in a programmable, food grade freeze dryer that is built to exacting specifications for the cannabis and hemp industries.

The FC 250 freeze dryer is a short cycle, high performance unit featuring stainless steel shelves conducting heat directly to the product. Freeze drying conduction does not require high shelf temperatures and is instrumental in retaining cannabinoids.

## Some of the key features of this unit are:

- Fast drying capabilities of 24 36 hours for approximately 400 lbs. depending on product type
- Fully programmable automatic cycle with 19 Inch touch screen HMI
- o Remote access via internet and direct factory support
- Shelf area of 280 Sq Feet and a shelf spacing of 2.36 Inches
- Fast initial product freezing via conduction
- The refrigeration system is water cooled, and a 60 kw chiller is supplied with the freeze dryer.

Built to exacting specifications at our ISO:9001 Factory.

Onsite commissioning will be completed by a CannaFREEZE team member.

## **TECHNICAL DATA FC 250**

ICE CONDENSER CAPACITY:	125 Qts x 2
ICE CONDENSER TEMPERATURE:	-103°F
DEFROST:	Continuous Cold Steam
SHELF DIMENSIONS:	48 x 48 Inches
NUMBER OF SHELVES:	17 + 1 (51 Trays)
SHELF AREA:	280 Sq Feet
SHELF SPACING:	2.36 Inches
SHELF TEMPERATURE:	-85°F to +194°F
COOLING SYSTEMS:	Water Cooled
REFRIGERATION:	Dorin HEX7
UNIT DIMENSIONS:	86.6" x 86.6" x 197" In H x W x L (Door Add 15.75")
REFRIGERANT:	R-404A (NON-CFC)
VACUUM:	Pfeiffer HENA 301R Plus: OCTA 300 Roots Pump
ELECTRICAL SPECS:	460/480 Volt 50/60 Cycle
	3 Phase + Ground
AMPERAGE:	125 Amp
WEIGHT:	15,400 lbs
FREIGHT:	Ocean/40 Ft. Container

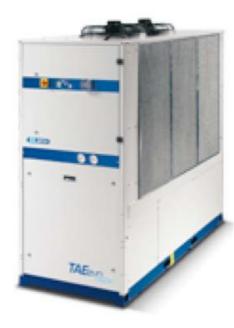




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## **GENERAL DATA**

60 KW CHILLER	
COOLING CIRCUITS	1
COMPRESSORS	2 – Scroll
CAPACITY CONTROL	0-50-100%
POWER	460/3/60
FANS	1 – Axial
CONDENSER AIR FLOW	11,413 cfm
POWER (EACH)	1.03 kW
AVAILABLE STATIC PRESSURE	0 "wc
TANK VOLUME	92.5 gal
LENGTH	88.8 in
WIDTH	34 in
HEIGHT	81.3 in
WEIGHT	2,202 lb
AMPERAGE	47 A

## **PERFORMANCE**

60 KW CHILLER		
REFRIGERANT	R410A	
HYDRAULIC KIT	P3	
INLET WATER TEMPERATURE	69°F	
OUTLET WATER TEMPERATURE	59°F	
GLYCOL TYPE	25% Propylene Glycol	
AMBIENT TEMPERATURE	95°F	
COOLING CAPACITY	18.3 Tons 219,600 Btu/Hr	
TOTAL ABSORBED POWER	24.8 kW	
EVAPORATOR WATER FLOW RATE	45.6 gpm	
AVAILABLE HEAD PRESSURE	39 psi	
MAX AMBIENT TEMPERATURE	109°F	

