CANNAFREEZE

"Enhancing Product Quality & Profits"

CANNABIS FREEZE DRYER
"Stainless Programmable"

2022
STANDARD

MODEL FC 250 + 60 KW CHILLER

PRICED AT $515,900
(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
- 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	FC250
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

CANNAFREEZE
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MODEL FC 250 - 60 KW CHILLER

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

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