



CANNAFREEZE

"Enhancing Product Quality & Profits"

CANNABIS FREEZE DRYER
"Stainless Programmable"



2026
STANDARD

MODEL
FC 50 +
15 KW CHILLER

PRICED AT \$194,995

(APPROXIMATELY 80 LBS/24 - 36 HOURS)

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

The FC 50 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.

TECHNICAL DATA

FC 50

ICE CONDENSER CAPACITY:	165 lbs
ICE CONDENSER PERFORMANCE:	132 lbs/24 Hrs
ICE CONDENSER TEMPERATURE:	-76°F
DEFROST:	Hot Gas
SHELF DIMENSIONS:	25.6 x 31.5 Inches
NUMBER OF SHELVES:	8 + 1 (16 Trays)
SHELF AREA:	54 Sq Feet
SHELF SPACING:	2.36 Inches
SHELF TEMPERATURE:	-58°F to +194°F
COOLING SYSTEMS:	Water Cooled
REFRIGERATION:	Two Stage
UNIT DIMENSIONS:	83 x 63 x 98 In H x W x L
REFRIGERANT:	R-404A (NON-CFC)
VACUUM:	Pfeiffer Duo 35
ELECTRICAL SPECS:	460/480 Volt 50/60 Cycle 3 Phase + Ground
AMPERAGE:	50 Amp
WEIGHT:	3,908 lbs
FREIGHT:	Crated/Ocean

Some of the key features of this unit are:

- Fast drying capabilities of 24 – 36 hours for approximately 80 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 54 Sq Feet and a shelf spacing of 2.36 Inches
- Fast initial product freezing via conduction
- The refrigeration system is water cooled, and a 15 kw chiller is supplied with the freeze dryer.

The Model FC 50 is also ideal for large scale product development and small scale production activities.

Built to exacting specifications at our ISO:9001 Factory.

Onsite commissioning will be completed by a CannaFREEZE team member.



CANNAFREEZE
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MODEL FC 50 - 15 KW CHILLER



GENERAL DATA

15 KW CHILLER	
COOLING CIRCUITS	1
COMPRESSORS	1 – Scroll
CAPACITY CONTROL	0-100%
POWER	460/3/60
FANS	1 – Axial
CONDENSER AIR FLOW	3,590 cfm
POWER (EACH)	0.76 kW
AVAILABLE STATIC PRESSURE	0 "wc
TANK VOLUME	30.4 gal
LENGTH	51.6 in
WIDTH	26 in
HEIGHT	55.1 in
WEIGHT	765 lb
AMPERAGE	13 A

PERFORMANCE

15 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	5.12 Tons 61,440 Btu/Hr
TOTAL ABSORBED POWER	6.33 kW
EVAPORATOR WATER FLOW RATE	12.8 gpm
AVAILABLE HEAD PRESSURE	39 psi
MAX AMBIENT TEMPERATURE	108°F



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