



# CANNAFREEZE

*"Enhancing Product Quality & Profits"*

CANNABIS FREEZE DRYER  
"Stainless Programmable"

2021



**MODEL  
FC 250 +  
60 KW CHILLER** **PRICED AT \$471,345**  
(APPROXIMATELY 400 LBS/24 - 36 HOURS)

This is the newest concept in a programmable general-purpose freeze dryer that is food grade.

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.

## TECHNICAL DATA

## FC250

### 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

Water cooling is required for the refrigeration system and we can supply an appropriate-sized chiller, if needed.

**Built to exacting specifications at our ISO:9001 Factory.**

ICE CONDENSER CAPACITY:	706 lbs
ICE CONDENSER PERFORMANCE:	639 lbs/24 Hrs
ICE CONDENSER TEMPERATURE:	-103°F
DEFROST:	Hot Gas
SHELF DIMENSIONS:	51 x 39 Inches
NUMBER OF SHELVES:	20 + 1
SHELF AREA:	280 Sq Feet
SHELF SPACING:	2.36 Inches
SHELF TEMPERATURE:	-85°F to +194°F
COOLING SYSTEMS:	Water Cooled
REFRIGERATION:	Two Stage
UNIT DIMENSIONS:	86.6 x 72.8 x 149.6 In H x W x L
REFRIGERANT:	R-507 (NON-CFC)
VACUUM:	Pfeiffer Duo 125
ELECTRICAL SPECS:	460/480 Volt 50/60 Cycle 3 Phase + Neutral
AMPERAGE:	125 Amp
WEIGHT:	12,126 lbs
FREIGHT:	20 Ft. Container



CANNAFREEZE  
20820 N. 25<sup>TH</sup> Place, Suite 106  
Phoenix, Arizona USA 85050



PHONE: 623-977-8900  
WEBSITE: [www.cannafreeze.net](http://www.cannafreeze.net)  
EMAIL: [rldelong@cannafreeze.net](mailto:rldelong@cannafreeze.net) (4/12/21)



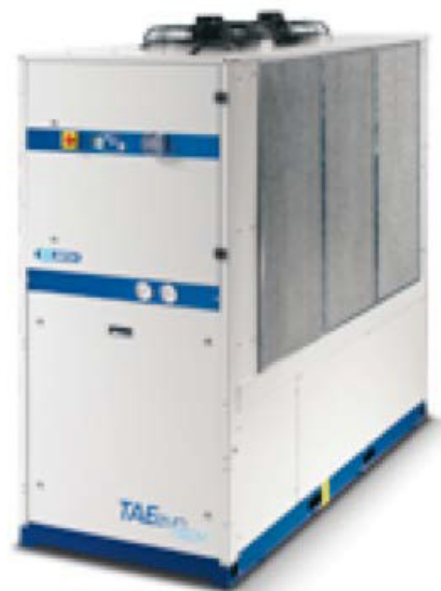
# CANNAFREEZE

*"Enhancing Product Quality & Profits"*

CANNABIS FREEZE DRYER  
"Stainless Programmable"

2021

## 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



CANNAFREEZE  
20820 N. 25<sup>TH</sup> Place, Suite 106  
Phoenix, Arizona USA 85050



PHONE: 623-977-8900  
WEBSITE: [www.cannafreeze.net](http://www.cannafreeze.net)  
EMAIL: [rldelong@cannafreeze.net](mailto:rldelong@cannafreeze.net) (4/12/21)