CannaFREEZE

"Enhancing Product Quality & Profits"

"Stainless Programmable"

CANNABIS FREEZE DRYER

Model FC 250 + 60 KW Chiller

$445,745

(275 - 550 Lbs/24 Hours)

2020

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.

Some of the key features of this unit are:

- Fast drying capabilities of 24 hours for 275 - 550 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.

TECHNICAL DATA	FC 250
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

BOTANIQUE/CannaFreeze PRESERVATION EQUIPMENT, INC.
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CANNABIS FREEZE DRYER

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

2020

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