CannaFREEZE

"Enhancing Product Quality & Profits"

"Stainless Programmable"

CANNABIS FREEZE DRYER

Model FC 100 + 30 KW Chiller

$250,166

(110 - 220 Lbs/24 Hours)

2020

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

The FC 100 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 110 - 220 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 112 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 100
Ice Condenser Capacity	330 lbs
Ice Condenser Performance	286 lbs/24 Hrs
Ice Condenser Temperature	-103°F
Defrost	Hot Gas
Shelf Dimensions	39 x 31.5 In
Number of Shelves	13 + 1
Shelf Area	112 Sq Feet
Shelf Spacing	2.36 Inches
Shelf Temperature	-85°F to +194°F
Cooling Systems	Water Cooled
Refrigeration	Two Stage
Unit Dimensions	86 x 79 x 122 In H x W x L (L - 142 In with Door)
Refrigerant	R-404 (NON-CFC)
Vacuum	Pfeiffer Duo 65
Electrical Specs	460/480 Volt 50/60 Cycle 3 Phase + Neutral
Amperage	75 Amp
Weight	5,512 lbs
Freight	Crated

BOTANIQUE/CannaFreeze PRESERVATION EQUIPMENT, INC.
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(8/2020)

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CANNABIS FREEZE DRYER

MODEL FC 100 -

30 KW CHILLER

GENERAL DATA

30 KW CHILLER	
Cooling Circuits	1
Compressors	1 - Scroll
Capacity Control	0-100%
Power	460/3/60
Fans	2 – Axial
Condenser Air Flow	9,944 cfm
Power (each)	1.03 kW
Available Static Pressure	0 "wc
Tank Volume	67 gal
Length	73.4 in
Width	30 in
Height	57 in
Weight	1,311 lb
Amperage	26 A
Max. Absorbed Power	18 kW

PERFORMANCE

30 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	**9.93 Tons/119,160 Btu/Hr**
Total Absorbed Power	12.2 kW
Evaporator Water Flow Rate	24.7 gpm
Available Head Pressure	37 psi
Max Ambient Temperature	108°F

2020

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