



CANNAFREEZE

"Enhancing Product Quality & Profits"

CANNABIS FREEZE DRYER

"Stainless Programmable"



2023
STANDARD

MODEL FC 100 + 30 KW CHILLER

PRICED AT \$299,125

(APPROXIMATELY 160 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 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.

TECHNICAL DATA

FC 100

Some of the key features of this unit are:

- Fast drying capabilities of 24 – 36 hours for approximately 160 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
- The refrigeration system is water cooled, and a 30 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.

| | |
|-----------------------------------|---|
| 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 Inches |
| NUMBER OF SHELVES: | 13 + 1 (26 Trays) |
| 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: | 79 x 71 x 126 In H x W x L |
| REFRIGERANT: | R-404A (NON-CFC) |
| VACUUM: | Pfeiffer Duo 65 |
| ELECTRICAL SPECS: | 460/480 Volt 50/60 Cycle 3 Phase + Ground |
| AMPERAGE: | 75 Amp |
| WEIGHT: | 5,512 lbs |
| FREIGHT: | Ocean/20 Ft. Container |



CANNAFREEZE
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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 |



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