

ATLAS

Dhydra's Patented Rapid Low Temperature Dehydration (RLTD)



SPECIFICATIONS

Dehydration Rate Up to 10.5lb/hr (5kg/hr)

**Capacity varies depending on the density and moisture of the product*

Cycle Time 30 - 45 min

Number of Trays (Full Chamber) Dries 3 trays per drying cycle

Process Type Batch process

Moisture Reduction ~80% wet to ~10% dry (~4% dry for extraction)

**Exact moisture level can be specified based on user preferences*

Maximum Output (RF) Nominally rated at 12kW (4 magnetrons @ 3Kw each)

Electrical Power Requirements 480V 3ph+N 24A per phase



PROCESSING QUALITY

Rapid drying **prevents mold proliferation**
Drying in a vacuum **results in virtually no oxidization**
Dark conditions **eliminates degradation from light**
Low temperature **preserves cannabinoids**

- RLTD gently removes moisture in as little as 30 minutes producing a product that is shelf-stable and ready for sale
- Preserves plant integrity (e.g. fragrance, colour) using RLTD closed loop system
- Depending on the program being run, terpenes are either retained in the bud or collected in the water recovery system
- Intuitive computer control systems combined with 10,000's of sensor reading every minute, allows the machine to self-regulate and achieve uniform drying results without requiring technical staff on site
- Remote access troubleshooting services available
- Modular components for easy maintenance
- Data logins for compliance and diagnostics

CONTACT US

FILL OUT AN ONLINE FORM TO GET STARTED

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SYSTEM REQUIREMENTS

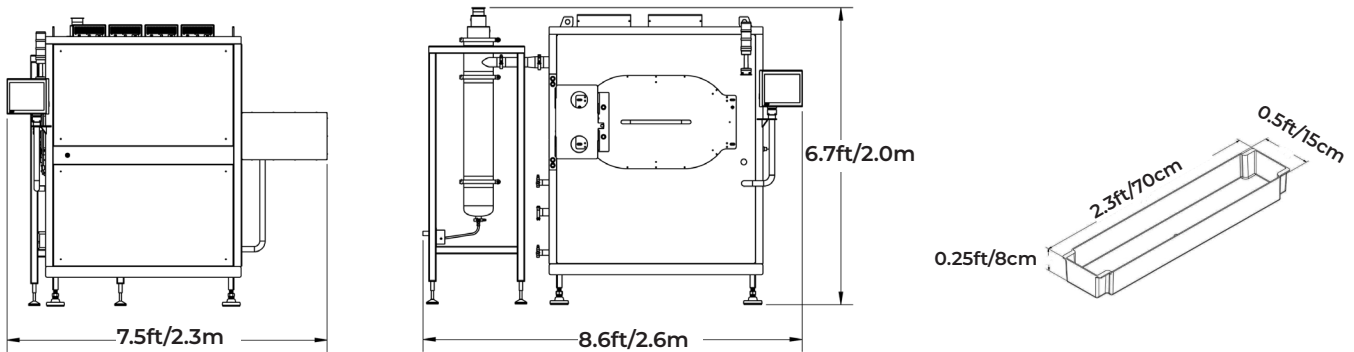
- Drainage: floor drain
- Relative humidity (environment): dry conditions required in the packaging room; users determine humidity level
- Heat exchange system (chiller): available from Dhydra or can be customer supplied
- Internet connection: requires at least 1MBps
- Continuous monitoring by customer on-site via HMI

CERTIFICATIONS & APPROVALS

- Electrical safety approved by LabTest Certification Inc. to CSA standards
- EU-GMP compliant RLTD System (in progress)
- ISO 9001 certified quality management system (in progress)
- Sanitation SOP
- Pass/Fail swab test

DIMENSIONS

Full system weight 1,330kg 2,930lb



ROOM LAYOUT

