

# ATLAS

## Dhydra's Patented Rapid Low Temperature Dehydration (RLTD)



### SPECIFICATIONS

**Dehydration Rate** 20-30lb/hr (9-14kg/hr)

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

**Cycle Time** 30 - 45 min

**Number of Trays (Full Chamber)** Dries 5 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 9kW (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 oxidation**  
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**

[dhydra.com/contact](https://dhydra.com/contact)

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## SYSTEM REQUIREMENTS

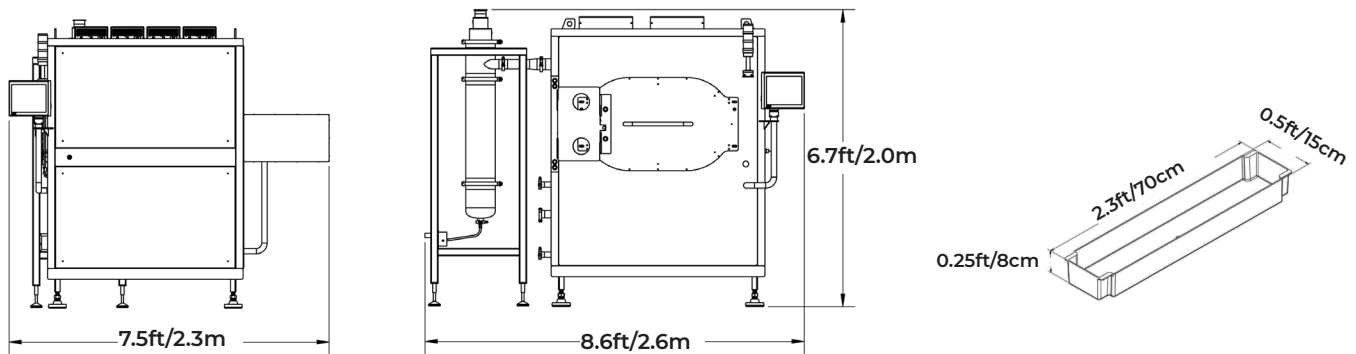
- Drainage: floor drain
- Relative humidity (environment): dry conditions required in the packaging room; users determine humidity level
- Heat exchange system (chiller): available from Dhydra or can be customer supplied
- Internet connection: requires at least 1MBps
- Continuous monitoring by customer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

