

## ABOUT THE CDS 24



The Cann Systems CDS 24 Drying and Curing System is an energy efficient dehydration system specifically developed to dry and cure Cannabis. The CDS 24 is designed as a closed system that operates independently from ambient conditions, resulting in superior control of treatment air temperature and humidity. Easy-to-use controls allow programming of a preferred drying curve to ensure that product quality is repeatable and consistent.

The CDS 24 is a complete system that includes: a) an energy efficient heat pump-driven dehumidification unit; b) a programmable controller that can be accessed remotely via smartphone or tablet; c) a spray system that allows the addition of moisture for increased humidity in the room during curing if required; d) a fully enclosed insulated chamber with a stainless steel food-grade interior; e) airflow equipment to create consistent drying conditions inside the chamber.

We offer this system as a complete drying and curing solution, however, if you plan to use your own chamber, we can provide just the components that you need.

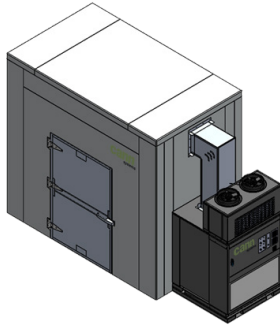
The chamber is made in two sizes: One sized specifically to dry for extraction (faster, higher temp drying), and the other to dry and cure for flower (slower, lower temp drying and curing).

## KEY FEATURES

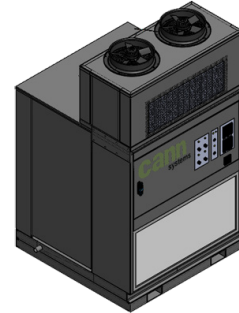
- Advanced touchscreen controller and flexible scheduling software enable a multi-step drying approach that fine-tunes the process for optimal results.
- Enclosed chamber prevents contaminants from entering the treatment area during the drying cycle, thereby reducing mold, bacteria, and insects.
- Highly energy-efficient heat pump system results in operating costs up to 60% lower than conventional drying.
- Humidification system re-introduces humidity if necessary during curing cycle.
- Stainless steel internal chamber walls prevent rust and corrosion.
- System conditions may be monitored and controlled from a smartphone or tablet.
- Drying temperature range 60°F to 120°F (16°C to 49°C).
- Air circulation system provides consistent distribution of treatment air in the chamber.
- Drying process can be programmed to be significantly faster than conventional drying.

## System Dimensions and Specifications

**CDS 24 Unit With Chamber**



**CDS 24 Dehumidification Unit**



| CDS 24 Unit with Chamber Dimensions        | Drying for Flower            | Drying for Extraction       |
|--|------------------------------|-----------------------------|
| Total Racks and Trays (offered as options) | 18 Racks (20 trays per rack) | 6 Racks (20 trays per rack) |
| Chamber (LXWXH)                            | 99" x 197" x 110"            | 70" x 122" x 110"           |
| Overall System Dimension (LXWXH)           | 99" x 257" x 110"            | 70" x 182" x 110"           |
| Loading Space (LXWXH)                      | 83" x 141" x 74"             | 55" x 71" x 74"             |

| CDS 24 Dehumidification Unit Dimensions |                 |
|---|-----------------|
| CDS 24 Unit (LXWXH)                     | 48" x 46" x 77" |

| Capacity (All values are approximate) | Drying for Flower               | Drying for Extraction  |
|---------------------------------------|---------------------------------|------------------------|
| Wet Product Capacity (lbs)            | 1170 (18 Racks)                 | 391 (6 Racks)          |
| Dried Product Capacity (lbs)          | 308 (assumes 72 hours + curing) | 103 (assumes 24 hours) |

| Dehumidification Unit                | Model - CDS 24                   |
|--------------------------------------|----------------------------------|
| Water Removal Rate (lbs/hr), nominal | 24                               |
| Drying Temperature Range (°F)        | 60-120                           |
| Dehumidification Watts (kW)          | 5.5 (Dehumidification Unit Only) |
| Power Source                         | Electricity                      |
| Chamber Cooling Method               | External Condenser               |
| Heating System                       | Electric                         |
| Aux Heat (kW)                        | 12                               |

| Humidification System |                |
|-----------------------|----------------|
| Number of Nozzle      | 3              |
| GPH per Nozzle        | 1 GPH @ 40 psi |

| Electric Requirement |           |                |                                 |
|----------------------|-----------|----------------|---------------------------------|
| Voltage (V)          | Phase (Ø) | Frequency (HZ) | AMPS                            |
| 208-220/240          | 1         | 60             | 87 (Dehumidification Unit Only) |
| 208-220/240          | 3         | 60             | 45 (Dehumidification Unit Only) |
| 480                  | 3         | 60             | 23 (Dehumidification Unit Only) |

Note: Version 2.0 - In view of ongoing improvements, designs and specification are subject to change without notice. Nyle Systems can accept no responsibility for possible errors in catalogs, brochures or other printed material.