

DELTA ETHANOL EXTRACTION CUP-15

The Delta CUP-15 is our flagship centrifuge system that uses programmable sequences to extract compounds from biomass. Combining closed-loop, cold alcohol extraction technology with mechanical centrifugation ensures a high-purity end-product. Certified ISO 9001.



10-15 LBS
(4.5-6.8 KG)

Plant Material Per Batch
(depending on mill size)



10-15 MIN

Average Run Time
(depending on SOP)



13-15 GAL.
(49-56 LITERS)

Alcohol Requirement Per Run
(single or multiple washes)



MADE IN USA

Patent # US 10.814.338 B2

DELTA CUP-15 TECHNICAL INFORMATION

VESSEL

- (1) 1" / 2.54cm Tri-clamp: Alcohol Feed Port Sanitary Triclamp Fittings
- (1) 1.5" / 3.81cm Tri-clamp: Remote Discharge Vent
- 1.5" / 3.81 cm: Pressure Relief Vent
- 2" / 5.08 cm: Tri-Clamp Angled Drain
- Liquid/Vapor Tight (No pressure) Vessel
- 1 Gallon Jacket Volume
- 1/2" NPT Male Jacket Ports

ELECTRICAL

- 230V Single-Phase
- Full-Load-Amperage (FLA): 17
- UL Certified C1D1 3HP Motor
- UL-NEMA L6-R30 Plug

CONTROLS

- Industrial HazLoc Control Panel
- Touchscreen HMI
- 20' / 609.6 cm Tethered Main Control Panel
(Installed Outside of HazLoc) 30' and 50' are Optional
- Dual Emergency Stop (System & Control Panel)
- Variable Frequency Drive: 0-1800 RPM
- Set up & Store Multiple Wash Programs

DIMENSIONS

- CUP-15: w/o Auxiliary Components
37" L x 25.5" W x 63.1" H
94 cm L x 65 cm W x 160 cm H
- Weight: 693 lbs / 314 kg
- Main Control Panel: 24" L x 32" W x 52" H

Contact us:

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PROSPIANT

PRICING FOR THE INTERNATIONAL MARKET

ROOM TEMP

System	Equipment Cost	Biomass	Runs Per 8 Hours	Total Machine Run Time	Average Yield (%)	Approximate Processing Capacity (lb)	Raw Material Processed per 8 Hour Shift (lbs)	Average Alcohol Removed out of Biomass (%)
CUP-15	\$93,161	Hemp/ Cannabis	32-48	4-6 washes 1 hour	92-98%	trim: 10-15	150-300	97

COLD TEMP

System	Equipment Cost	Biomass	Runs Per 8 Hours	Total Machine Run Time	Average Yield (%)	Approximate Processing Capacity (lb)	Raw Material Processed per 8 Hour Shift (lbs)	Average Alcohol Removed out of Biomass (%)
CUP-15	\$93,161	Hemp/ Cannabis	32-40	3-4 washes 1 hour	90-96%	trim: 10-15	150	97

TRAINING:

- Basic system operations provided
- SOP development and optimization available

WARRANTY/SERVICE:

- 1 year limited warranty
- A comprehensive maintenance and service plan available
- Field service verification voucher from PSI available

ASSUMPTIONS:

- Throughput and yield are dependent on the quality and condition of input material
- Throughput is also dependent on SOPs

SHIPPING:

- Pricing available upon request

FINANCING:

- Call +1 707-222-6066 for financing information

PURCHASE TERMS:

- 50% down, 50% upon completion
- System ships upon receipt of full payment
- Sales tax applies unless tax exempt

Patents and/or Patents Pending at deltaseparations.com/patents/

Illustration purposes only. These calculations are based upon the sample performance of the listed Delta Separations systems operated under normal conditions and following proper procedures for operation and maintenance. Actual performance may vary and is not guaranteed. These hypothetical calculations include a number of input variables or "Assumptions" in which Delta Separations has no control and which may be different in actual practice for a particular customer or system. Prices are subject to change.

Delta CUP-15 Price List February 2022



UL-508A