



## Two Stage KD-30 Short Path Distillation Unit



### General Information

Evaporator Type: Short Path  
Evaporator Construction: 316 Stainless Steel  
Evaporator Surface Area: 0.30 m<sup>2</sup>  
Feed Metering System: Gear Pumps

### Unit Dimensions:

376" L x 54" W x 112" H

### General Operating Characteristics

Evaporator Temperature Range: Amb to 300 C  
Cold Trap: -50 C  
Ultimate Vacuum: 0.001 Torr  
Flow Rate: ~20 L/hr.

\*Specification may vary based on configuration

\*\*May differ based on circulators supplied

### Electrical Specifications

460V Phase Up to 169 Amps (Based on Configuration)

### Utilities

Exhaust for Vacuum Pump Recommended

### Circulator Fluids Needed\*\*

JaryTherm DBT for Hot Oil Circulators  
Ethylene Glycol for Condenser Circulators  
Julabo Thermal C2 for Cold Trap

Evaluated to NSF/ANSI 8 – 2018 –  
Commercial Powered Food Preparation  
Equipment Standards by





## NRTL Listings

Description	NRTL Body
Hot Oil Circulators	cETL <sub>US</sub>
Chiller Circulators	cETL <sub>US</sub>
TEFC Motors 1 Hp	cUL <sub>US</sub>
Vacuum Pumps	cUL <sub>US</sub> , CSA
Turbo Molecular Pumps	UL, CSA
Vacuum Sensors	cETL <sub>US</sub>
Electrical Control Enclosure	cUL <sub>US</sub>

## Handling Requirements

Frame is on Stainless Steel Feet

Unit Weight: 8100 lbs

Requires a Forklift for Unloading of Truck

## Installation and Training

8 days Onsite Installation and Training Included

## Optional Upgrades

Dry Ice / Liquid Nitrogen Insert for Cold Trap  
PLC System for data logging and minor automation

