



## Single 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 Pump

### Unit Dimensions

165" 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

### Electrical Specifications

480V Phase Up to 103 Amps (Based on Configuration)  
230V Phase Up to 16 Amps

### Utilities

Exhaust for Vacuum Pump Recommended

### Circulator Fluids Needed

Jarytherm DBT for Hot Oil Circulator  
Ethelene Glycol for Condenser Circulator  
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 Circulator	cETL <sub>US</sub>
Chiller Circulator	cETL <sub>US</sub>
TEFC Motor 1 Hp	cUL <sub>US</sub>
Vacuum Pump	cUL <sub>US</sub> , CSA
Turbo Molecular Pump	UL, CSA
Vacuum Sensor	cETL <sub>US</sub>
Electrical Control Enclosure	cUL <sub>US</sub>

## Handling Requirements

Frame is on Feet  
Unit Weight: 5000 lbs  
Requires a Forklift for Unloading of Truck

## Installation and Training

4 days Onsite Installation and Training Included

## Optional Upgrades

PLC System for data logging and minor automation

