



### Two Stage KDT-75 Short Path Distillation Unit



#### General Information

Evaporator Type: Short Path  
Evaporator Construction: 316 Stainless Steel  
Evaporator Surface Area: 0.75 m<sup>2</sup>  
Feed Metering System: Gear Pumps

#### Unit Dimensions:

383”L x 54”W x 135”H

#### General Operating Characteristics

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

\*Specification may vary based on configuration

\*\*May differ based on circulators supplied

#### Electrical Specifications

460V 3 Phase Up to 272 Amps

#### Utilities

Exhaust for Vacuum Pump Recommended

#### Circulator Fluids Needed\*\*

Jarytherm DBT for Hot Oil Circulators  
Ethylene Glycol for Condenser Circulators  
Julabo Thermal P90 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 Stainless Steel Feet

Unit Weight: 12800 lbs

Requires a Heavy Duty Forklift for Unloading of Truck

## Installation and Training

8 days Onsite Installation and Training Included

## Optional Upgrades

PLC System for data logging and minor automation

