



Mini-5 Short Path Distillation Unit



General Information

Evaporator Type: Short Path
Evaporator Construction: Borosilicate Glass
Evaporator Surface Area: 0.06 m²
Feed Metering System: Gear Pump

Unit Dimensions

63"L x 30"W x 54"H

General Operating Characteristics

Evaporator Temperature Range: Amb to 300 C
Cold Trap: -50 C
Ultimate Vacuum: 0.001 Torr
Flow Rate: ~1.5 L/hr.

*Specification may vary based on configuration

Electrical Specifications

Individual Outlets needed for:

Description	Voltage	Amp.	Nema
Feed Tank Circulator	230V	9	6-20
Evaporator Circulator	230V	14	6-20
Condenser Circulator	230V	16	6-20
Cold Trap Circulator (optional)	230V	16	6-20
Feed Motor	110V	10	5-15
Wiper Motor	110V	2	5-15
Vacuum Pump	110V	8	5-15
Vacuum Sensor	110V	0.5	5-15
Turbo Molecular Pump	110V	3.6	5-15



CHEMTECH SERVICES, INC.

Short Path Distillation Services

NRTL Listings

Description	NRTL Body
Hot Oil Circulators	QPS
Chiller Circulator	QPS
TEFC Motor ½ Hp	cCSA _{US} , UR
Overhead Stirrer 1/18 Hp	cCSA _{US}
Vacuum Pump	cPA _{US} , cUL _{US}
Turbo Molecular Pump	UL, CSA
Vacuum Sensor	cETL _{US}

Handling Requirements

Unit Weight: 720 lbs

Requires Pallet Jack for Unloading of Truck with Liftgate

Installation and Training

2 days Onsite Installation and Training Included

Circulator Fluids Needed

JaryTherm DBT for Hot Oil Circulators

Ethylene Glycol for Condenser Circulator

Julabo C5 for Cold Trap

Utilities

Exhaust for Vacuum Pump Recommended

Optional Upgrades

Cold Trap Insert and Circulator

6-Position Collection Carousel

KDT-6 Evaporator and Cold Trap

Evaluated to NSF/ANSI 8 – 2018 –

Commercial Powered Food Preparation Equipment

Standards by



Peer Reviewed

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Technical Report Number: 202012037