



## FFE-200 and RF-50 Alcohol Recovery Unit



### General Information

Evaporator Type: Falling Film and Rolled Film  
Evaporator Construction: 316 Stainless Steel  
Evaporator Surface Area: 2.00 m<sup>2</sup> and 0.50 m<sup>2</sup>  
Feed Metering System: Gear Pump

### Unit Dimensions

319" L x 54" W x 120" H

### General Operating Characteristics

Evaporator Temperature Range: Amb to 300 C  
Cold Trap: -50 C  
Ultimate Vacuum: 1 Torr  
Flow Rate: ~400 L/hr.

### Electrical Specifications

230V 3 Phase Up to 29 Amps (Based on Configuration)  
480V 3 Phase 205 Amps  
Electrical Classification: C1D2

### 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

\*Specification may vary based on configuration

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





## NRTL Listings

Description	NRTL Body
Hot Oil Circulator	UL
Chiller Circulator	UL
Gear Motor ¼ Hp	UL, CSA
TEFC Motor ½ Hp	cCSA <sub>US</sub> , UR
Vacuum Pump	c <sup>RU</sup> <sub>US</sub> , cUL
Turbo Molecular Pump	UL
Vacuum Sensor	cCSA <sub>US</sub>
Electrical Control Enclosure	UL

## Handling Requirements

Frame is on Stainless Steel Casters  
Unit Weight: 9600 lbs  
Requires a Forklift for Unloading of Truck

Peer Reviewed  
by



## Installation and Training

8 days Onsite Installation and Training Included

Technical Report Number: 202010018

