



EVO-6

WIPED FILM SERIES



PICTURED: 5 Stage Automated System w/ Huber Ancillary Equipment



UP TO 25 LITERS/HR INPUT

CID2 VERSION AVAILABLE



MANUAL or FULLY AUTOMATED

PEER ENGINEER REVIEWED



UP TO 99% REMOVAL EFFICENCY

UL 508B CONTROLS



ULTRA LOW RESIDENCE TIME

MADE IN THE USA



WIPED FILM DISTILLATION SHORT vs. LONG PATH

Achieve the ultimate separation with a Long Path Evaporator. Many compounds share properties that make separation difficult, such as terpenes or solvent vapor that act as a carrier. Increasing the vapor path will limit crossover in the de-volatilization stage, increasing yields and removal efficiency. Further processing of heavier compounds is best carried out in a Short Path Evaporator, where the distance of the vapor is minimal, and deep vacuum is applied for critical molecular separation and higher purities.

MODULAR DESIGN

The modular design allows for continual expansion as your business grows. Easily upgrade as your production needs increase. Plumbing components are simple to rearrange and are available for all configurations for the ultimate control over your distillation process.



CUSTOMIZED PROCESS

The EVO Wiped Film Evaporator is built with modularity in mind. Start with a stand alone unit and build your way up to the ultimate distillation machine. Combining long and short path distillation provides greater flexibility to further purify your target compounds.

STANDARD FEATURES

- 2.4 ft² Evaporator Surface Area
- Immersion Probe Cold Trap
- 6 to 12KW Oil Heater
- Multiple Chiller Configurations Available
- 16 Channel Thermocouple Card on Each Unit
- Fully Jacketed Process Piping, Pumps, and Valves

*Power based on average configuration - may vary

LONG PATH MODULES



STAND ALONE

- Touch Screen
- Feed Vessel
- Scroll Vacuum Pump
- Preheater

Power*:
100A @ 208V 3P
50A @ 480V 3P

Dimensions (inches)
72W x 36D x 95.5H

ADD ON

- Scroll Vacuum Pump
- Add On Plumbing Kit

Power*:
50A @ 208V 3P
25A @ 480V 3P

Dimensions (inches)
36W x 36D x 95.5H

External Condenser Surface Area: 3 ft²



SHORT PATH MODULES



STAND ALONE

- Touch Screen
- Feed Vessel
- Rotary Vane Vacuum Pump
- Preheater

Power*:
100A @ 208V 3P
50A @ 480V 3P

Dimensions (inches)
72W x 36D x 95.5H

ADD ON

- Rotary Vane Vacuum
- Add On Plumbing Kit

Power*:
50A @ 208V 3P
25A @ 480V 3P

Dimensions (inches)
36W x 36D x 95.5H

Internal Condenser Surface: 3.8 ft²

