



## SUPERCritical FLUID TECHNOLOGIES, INC.

Supercritical Fluid Extractions, Reactions and High Pressure Chemistry  
[www.supercriticalfluids.com](http://www.supercriticalfluids.com)

### CO<sub>2</sub> Recycle Unit 2



- 200 grams per minute (230mls/min.) CO<sub>2</sub> recycle unit.
- Approximate dimension 14"x14"x 44"
- Utility required is a standard 115V single phase wall outlet
- Unit has 1.5liter r housing used as a separator vessel with short filter element to allow for 500ml of resin/oil collection in bottom
- Filter is 1micron Sintered SS to allow for cleaning
- Filter bowl to have bottom drain to allow for draining during run if material is flowable
- Accumulator Volume 2,250ml
- Sight Glass to allow for observation of liquid CO<sub>2</sub> level
- Tube in Tube heat exchanger to use cold exit gas of BuTech Valve (not provided/part of existing CannabisSFE unit) to provide first stage cooling of gas exiting separator
- Roto-meter for Flow Indication through process system
- Thermoelectric Peltier Cooling Assembly provides final cooling of condensing CO<sub>2</sub> and heat material entering separator.