

AODD PUMPS IN THE PRODUCTION OF HEMP-BASED CBD OIL PRODUCTS

WHY AODD PUMPS?



THEY'RE SAFE

AODD pumps require no electricity and can be fully grounded to prevent static buildup in potentially explosive environments.



THEY CAN RUN DRY

AODD pumps can run dry for an extended period of time without damage to the pump or its components.



THEY CAN HANDLE SOLIDS

AODD pumps can easily and efficiently handle solids-laden fluid without pump or product damage.



THEY DEADHEAD SAFELY

AODD pumps are great for applications that are intermittent and require frequent deadheading.



THEY CAN OPERATE AT LOW TEMPERATURES

AODD pumps can run at temperatures as low as -40 degrees Fahrenheit/Celsius.



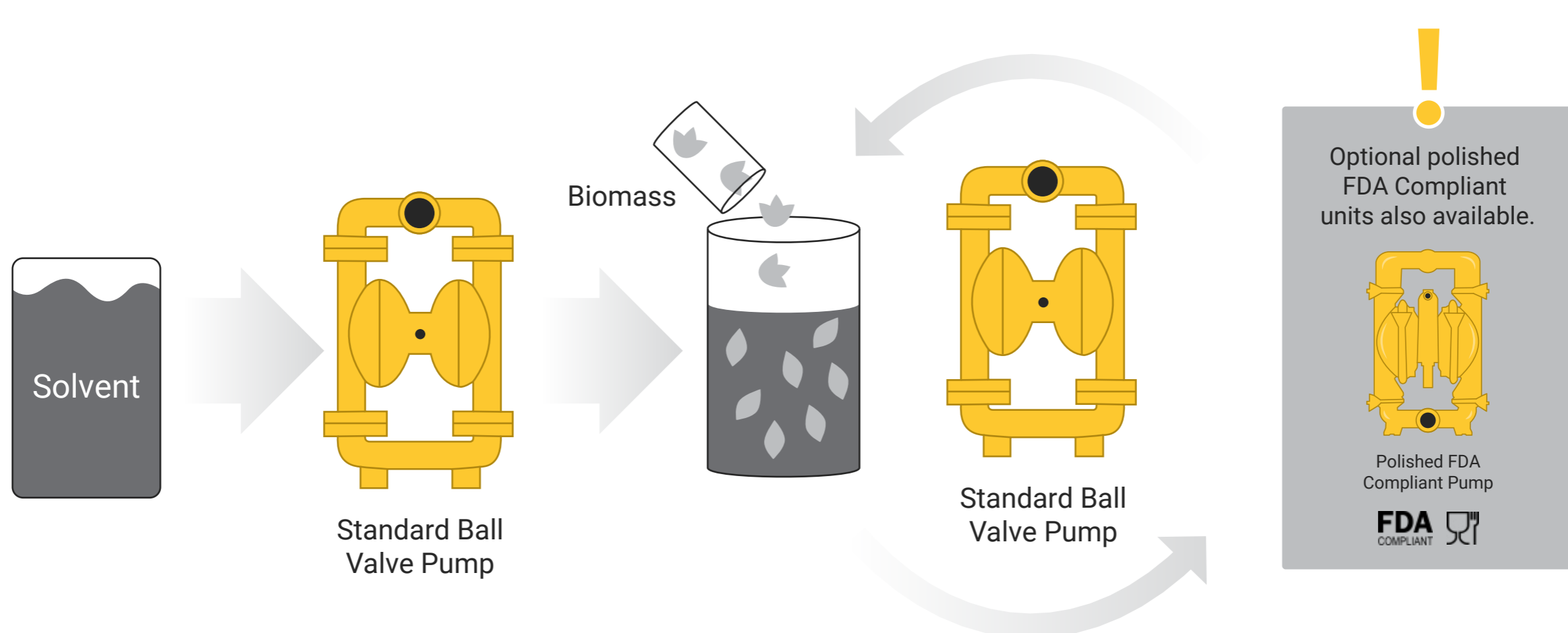
THEY MEET REQUIRED CERTIFICATIONS

AODD pumps come with a wide range of certifications and standards to meet the needs of users across the globe.

HOW AODD PUMPS ARE USED IN CBD OIL APPLICATIONS

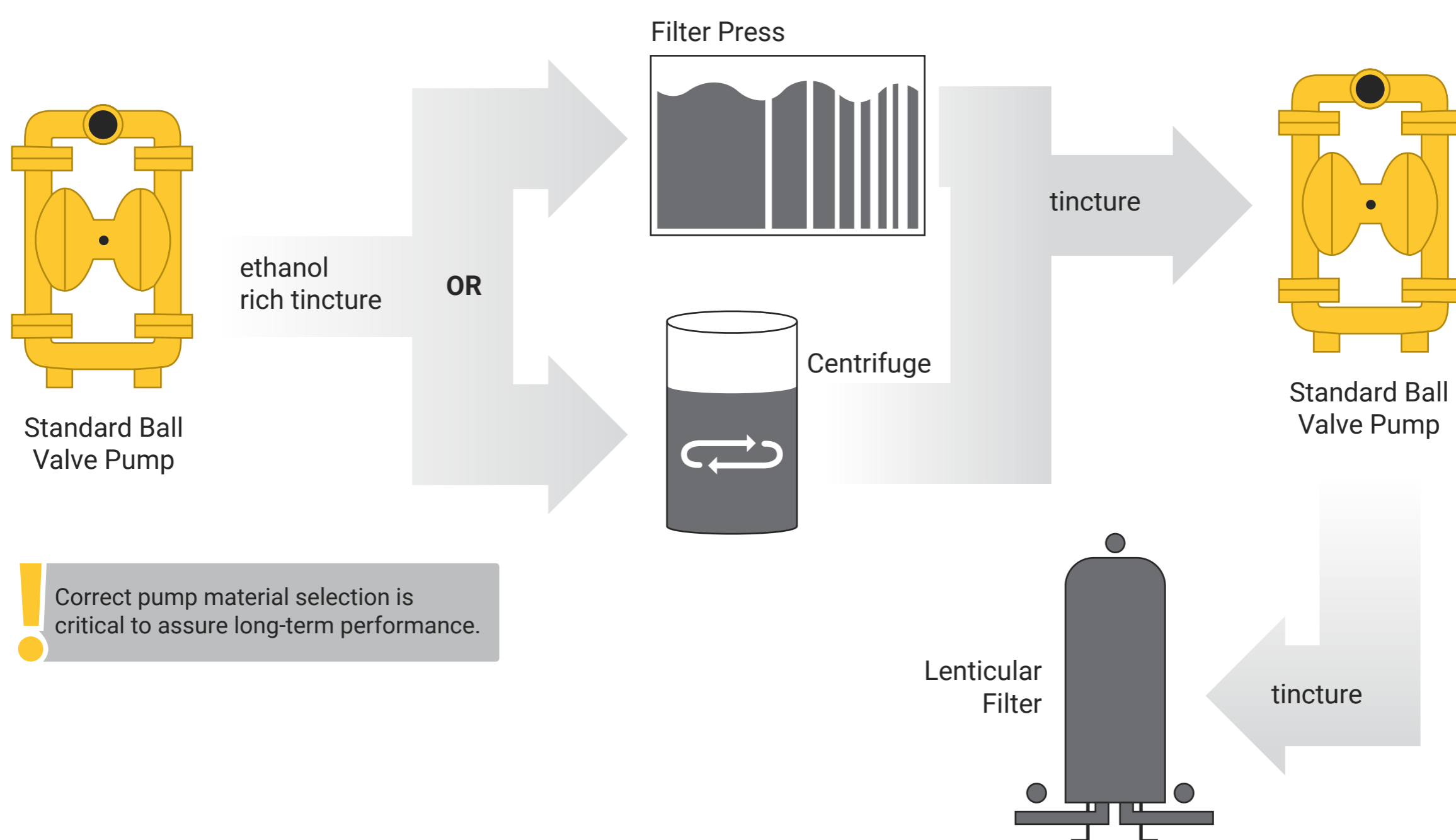
EXTRACTION

AODD pumps are mainly used as key process pumps in the ethanol extraction process by providing safe and efficient delivery of liquids.



PRE-WINTERIZATION

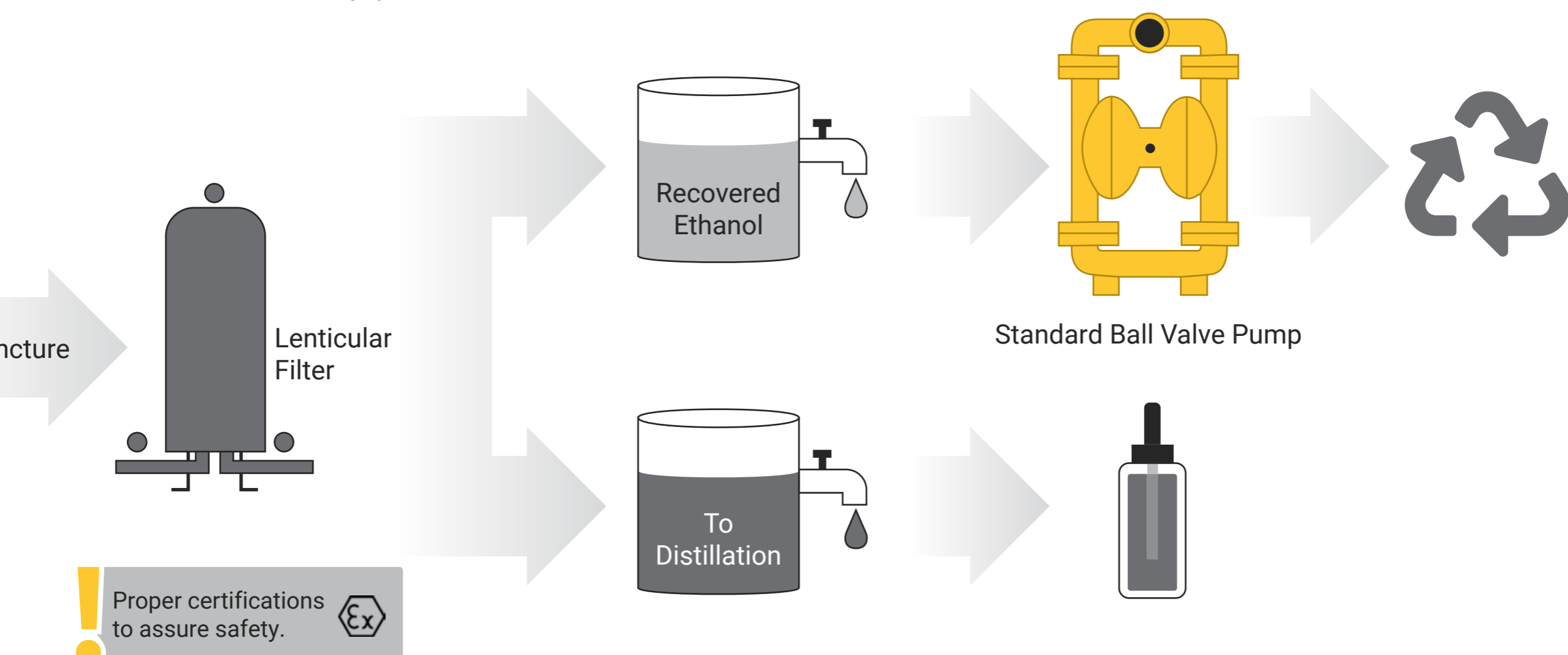
AODD pumps can deliver ethanol to a vessel full of hemp-based biomass. They can also deliver a biomass slurry (biomass ethanol mixture) to the vessel using the AODD pumps for winterization and extraction.



Correct pump material selection is critical to assure long-term performance.

SOLVENT RECOVERY/PHASE CHANGE

The ethanol is heated and condensed off, leaving just the crude oil/distillate. AODD pumps are used to pump this ethanol back to be reused in the process. The final distillation removes any unwanted materials (i.e., lipids, waxes, chlorophyll, etc.). The final distillation phase creates the golden final product that is clear, bright and enjoyable.



Proper certifications to assure safety.

Versamatic AODD pumps are available for the safe, clean transfer of CBD oil products and solutions.

LET US HELP