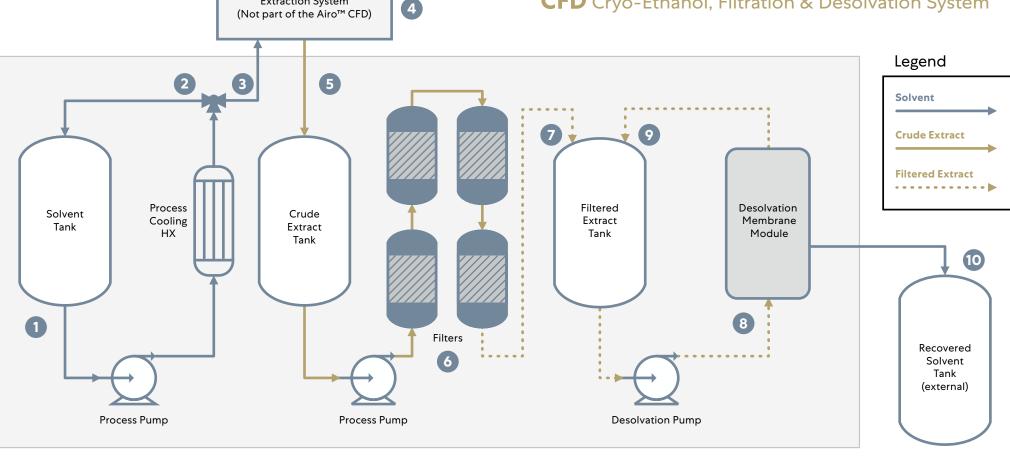
ITALIS

Airo[™] Automated In-line Refinement

CFD Cryo-Ethanol, Filtration & Desolvation System



Module to recover solvent.

The Solvent Tank can be filled with The crude extract solution (extract + solvent) fills the Crude Extract Tank. up to 125L of solvent. The solvent is circulated and chilled to The crude extract solution is filtered -50°F (~90 mins to cool 125L from for particulate & color remediation. room temp). The -50°F solvent fills the The filtered extract solution collects in the Filtered Extract Tank. extraction system. An extraction is performed. 8 The filtered extract solution is cycled through the Desolvation Membrane

Extraction System

- The filtered extract solution is concentrated down to a 2:1 or 1:1 solvent-to-extract ratio.
- 10 The recovered solvent collects in the external Recovered Solvent Tank.