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# cat310-pump-co2-conversion

**Infinity Turbine  
LLC**

**Parts to Convert Cat 310 Pump to CO2**



**This webpage QR code**

## Structured Data

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Parts to Convert Cat 310 Pump to CO2

**PDF Version of the webpage (first pages)**

<https://www.infinityturbine.com/cat310-pump-co2-conversion.html>

## Supercritical CO2 System Support Files Package

Support package includes:

A. Cat 310 Conversion Kit to CO2 Duty (for a fraction of the cost of purchasing a dedicated CO2 pump from Cat). Parts list only. Support is not included. Pressure seal manufacturer for high and low pressure seals as low as \$4.00 a seal versus \$30-50 a seal from Cat Pumps. Pump assembly checklist.

B. 10L Botanical Basket Cad/Cam files including supplier in China for full build purchase.

C. Infinity Supercritical 10L Consumable Parts List and Suppliers with links. Includes PID controller, Cat pump parts, hoses, motor pump coupler, down tube material, CC1 CC2 CC3 O-Rings part number and supplier, brass sleeve o-rings, extraction vessel o-rings, pump valve o-rings, exhaust hose, low and high pressure pump seals, 3 micron stainless steel filter for CC3 (to prevent any material from going into pump), Cat 310 pump valve replacement kit, pump brass sleeve replacement kit, and pump stainless steel retainer.

D. Supercritical CO2 Automation Information including flowcharts, components, PID justification, and more.

E. Customer Training Checklist.

F. 10L Installation Checklist.

G. 10L Flow Diagram.

H. Crate build cad/cam and parts list.

The above information includes parts lists, part numbers, and suppliers when available. Support is optional and additional.

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