The GWKent In-Line Pinpoint Carbonator (ILPC) is designed to increase the carbonation level of cold liquids.

The ILPC comes with a:
- TriClamp (TC) check valve
- Pressure Gauge
- site glass
- gas check valve

You will need to supply a:
- pump
- liquid flow meter
- CO2 pressure regulator
- Co2 flow meter
- CO2 equalization line between tanks.
- one foot of hose / every barrel transferred / hour

When setting this up you will need to know:
- Product temp
- Product transfer rate
- Desired gas volume - in the final product.

You need to calculate the amount of CO2 that needs to be added to the product as well as the rate the CO2 is being feed.

You will find a CO2 volume calculator spread sheet at: [http://tinyurl.com/zsj6wbb](http://tinyurl.com/zsj6wbb)

Depending on the volume of CO2 you need—the second tab on this spread sheet links to a flow rate calculator. Be sure that the gas line is capable of supplying the volume of gas you need for the volume of product being carbonated.

You need to be sure that your CO2 regulator is capable of supplying the volume you need. From the folks at TapRite Our high flow primary regulators (ones with “HP” in the model number) will have a flow rate of 9scfm if they’re being fed by a supply pressure of 850psi. That rate drops to 6scfm for non-HP models (T742 and 3700 Series). Secondary regulators like T1661ST will have a flow rate 2-4scfm depending on the supply pressure.

Norgren is one company—that offer regulators capable of supplying large volumes of CO2.