



DISPENSING BEER

*Benefits of Using Centragal
Beverage Gases*



CENTRAL
BEVERAGE GASES

Gases Used Dispensing Beer:

- Compressed Air
- 100% CO₂
- Mixed gases





Importance of CO2 in Beer

Different types of beer have different levels of carbonation (level of dissolved carbon dioxide, or “CO2”):

- Domestic beers (lagers & ales) have a higher level of carbonation
- Imported beers (dark beers, “British” beers, e.g. Guinness) have a lower level of carbonation (they are “flatter”)





CENTRAGAL

- Air Liquide: first industrial gas manufacturer to launch a line of food quality gases (1986)
- CENTRAGAL is Central Welding Supply's tradename for Air Liquide food and beverage gases
- CENTRAGAL is a complete line of gases specifically tailored to the Food & Beverage Industry (single/mixed gases)
- CENTRAGAL cylinders are dedicated to the Food & Beverage Industry





CENTRAGAL Benefits

- Dedicated cylinders for the storage and distribution of food gases
- Quality of raw materials (liquid N₂, CO₂, O₂)
- Specific filling procedures to ensure product quality and integrity (e.g. dip tubes, horizontal rolling)
- Tighter quality and analytical control
- Improved cylinder maintenance and appearance



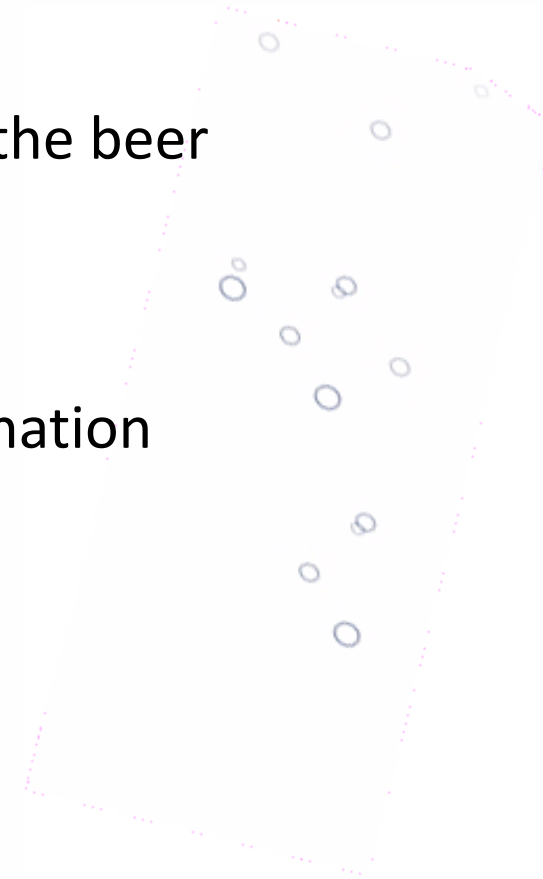
CENTRAL
BEVERAGE GASES

NITROGEN

- Provides the pressure to push the beer

CARBON DIOXIDE

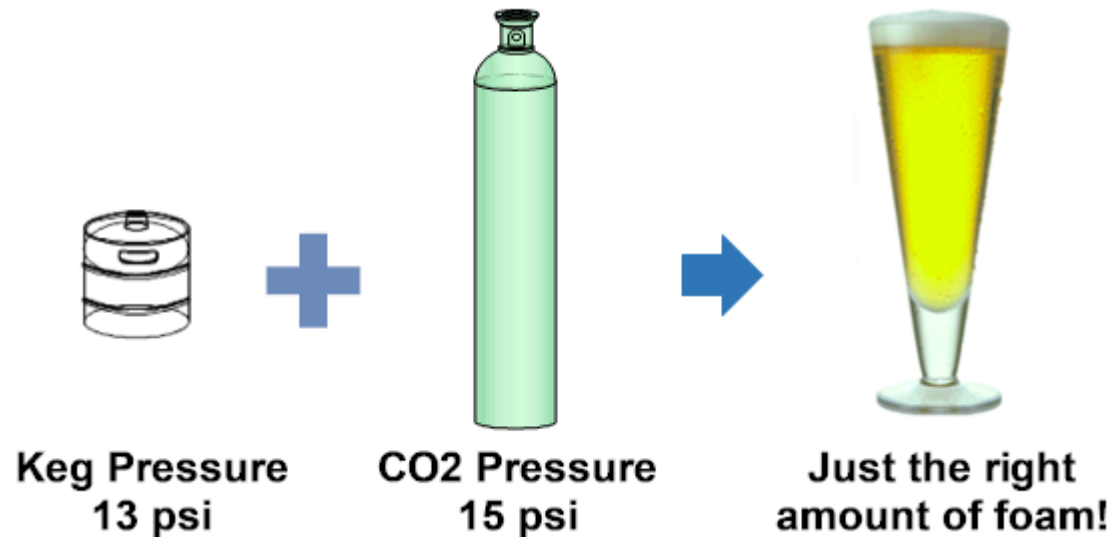
- Provides proper level of carbonation of the beer





Effect of Pressure on Tapping Beer

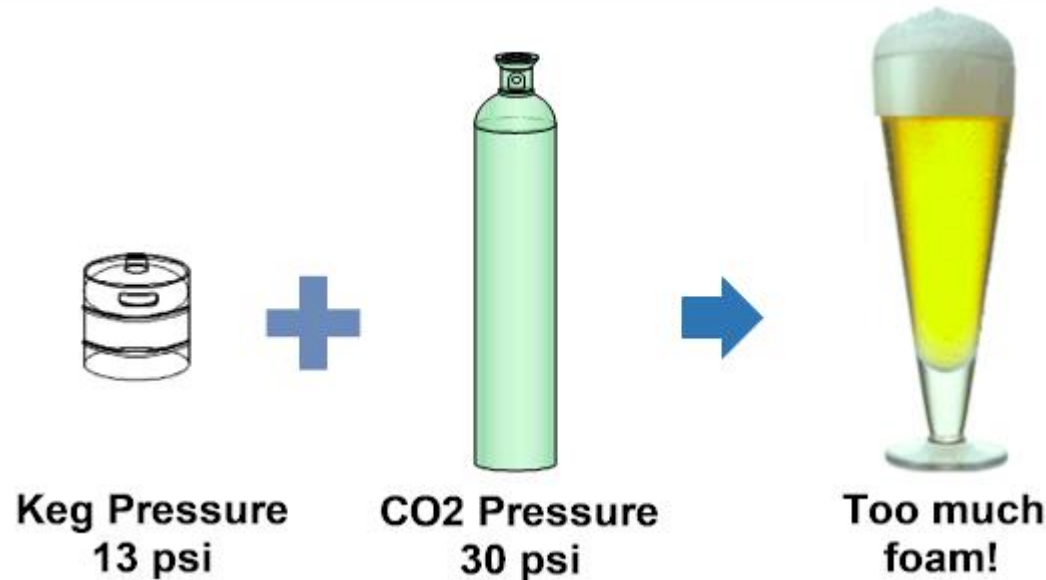
Scenario #1: The Perfect Glass of Beer





Effect of Pressure on Tapping Beer

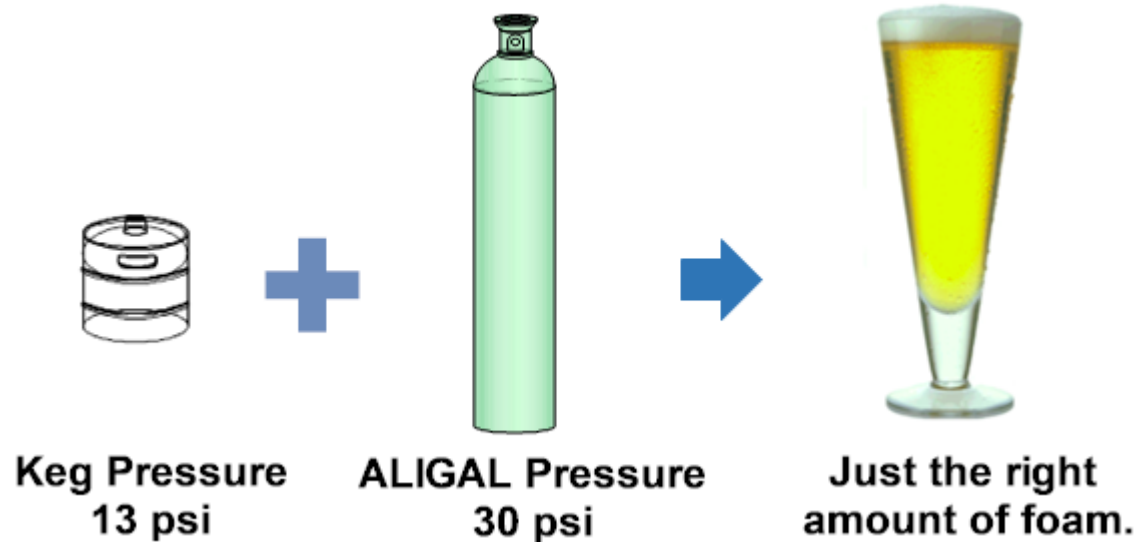
Scenario #2: To increase pouring speed, or because beer delivery lines are longer, the gas pressure is increased. The result? Too much CO2 in the beer, over-carbonation, foam losses, and acidic taste.





Effect of Pressure on Tapping Beer

Scenario #3: The Solution... CENTRAGAL gases. Nitrogen provides the pressure to push the beer, so too much CO2 is not absorbed into the beer.





THE VALUE: A Comparison

CO2

- Drawing speed
6 – 8 seconds
per 12 oz glass

CENTRAGAL

- Drawing speed
3 – 5 seconds
per 12 oz glass

Time Savings = 3 Seconds Per Glass
(Theoretically, up to 1,200 glasses per hour)



BEVERAGE GAS DIVISION OF CENTRAL WELDING SUPPLY:

CENTRAL
BEVERAGE GASES



www.centralwelding.com