



VirTra

CO2 Tank Information

CO2 REFILL STATION TANK REPLACEMENT

- Look for a DT stamp or S stamp, either on the brass valve itself or on the tank. (DT or S stands for Dip Tube or Siphon Tube).
- Filled with liquid **food grade CO2***.
- The CO2 Tank needs to be either a 20 pound or 50 pound filled tank. All other tanks will need specialized regulator step down equipment of which VirTra will not support nor provide.
- Newly filled tanks need to settle before use. The settling process takes a minimum of 6 hours.



***food grade CO2 contains fewer impurities, which helps prevent clogging of the hose and nozzle.**

WEIGHTS AND MEASUREMENTS

Steel 20 Pound Tank

Full : 50 lbs --> Empty: 30 lbs

Aluminum 20 Pound Tank

Full : 45 lbs --> Empty: 25 lbs

These numbers are approximate, but some steel tanks will start acting up around 35 pounds and some aluminum tanks will start acting up around 30 pounds. Why? Sometimes the diptube/siphon is not installed to the very bottom of the tank or as it ages, it curls up and doesn't reach the very bottom of the tank.

CAUTION: 50 Pound Tanks are VERY HEAVY, be very careful to have support systems in place for restraining this tank.

COMMON LEAK:

Black hose connections get worn. Snipping off the last 1/2 inch from each end will help make a solid connection.

TEST:

To confirm whether a dip/siphon tube is installed, is to tip the tank upside down or on its side during operation. Do it carefully with a full tank, and the refill station should stop pounding.

OTHER POUNDING ISSUES:

If **ONLY** the black line freezes, we usually snip the ends and recheck. If **ONLY** the metal line freezes, it is usually the connections or the refill station. If the black line and regulator are freezing, we usually replace the regulator first.



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