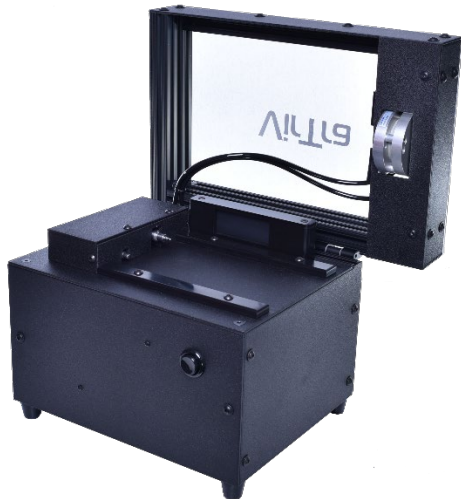


Refill Station 'Chugging' Sound



Occasionally, VirTra customers will contact the Service Department to inquire about a continuous chugging noise before and after filling CO2 magazines.

One cause might be that you are using the incorrect type of tank. You must be specific when acquiring a new CO2 tank and make sure that it has a **syphon tube** or **dip tube** (terminology is based on the region you are located in). The easiest way to tell if you have the right tank is the brass neck on the tank – it should be stamped with **DT** or **ST** (this may also vary by region).

You must also know how to tell if you have enough liquid CO2 as opposed to gas. Even though a tank still technically has CO2 in it, it may not be liquid anymore due to the increased volume it has to spread within the tank as it is

drained. Rule of thumb is to weigh the tank when newly acquired. **When it loses about 1/4 of its original weight, it's time to swap the tank or get refilled.** This roughly equates to a 9–10-pound loss. This is when the tank should be refilled back up to liquid CO2 specifications. The same logic should apply to heavier steel tanks and bigger tank sizes. **All of the aforementioned will vary on ambient air pressure, elevation, etc.**

If refilling/changing the tank does not work and you are sure you have the correct tank, contact VirTra Service & Support for assistance.