

MBK-6 DrainKat™

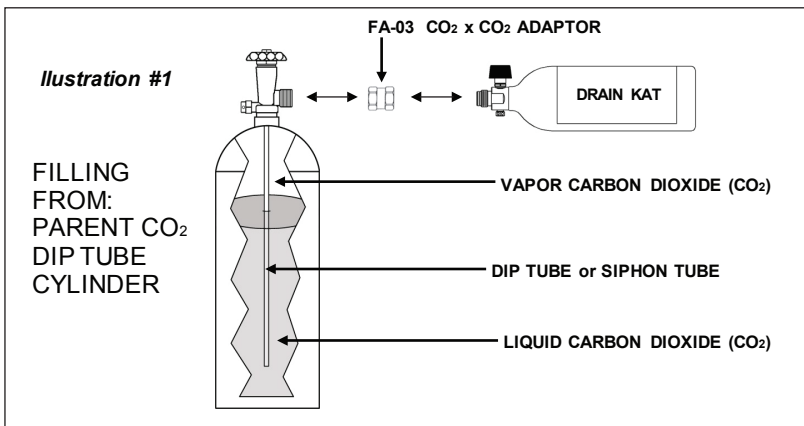
Tank Filling Instructions

CO₂ and Nitrogen Filling

CARBON DIOXIDE (CO₂) FILLING:

1. Disconnect hose and unscrew regulator from the DrainKat.
2. Turn over and vent off any remaining contents from the DrainKat. This can be an effective way to pre-chill the cylinder – see warning below.
3. Weigh the small cylinder, and record the tare weight.

OPERATOR'S TIP: Slightly open the valve of the mother cylinder at this point to vent off any vaporized CO₂ in the dip tube. Within 5 seconds a white snow like discharge indicates liquid CO₂ is available to be transfilled. Vapor type cylinders will have to be inverted to extract liquid. (See illustration #2.)

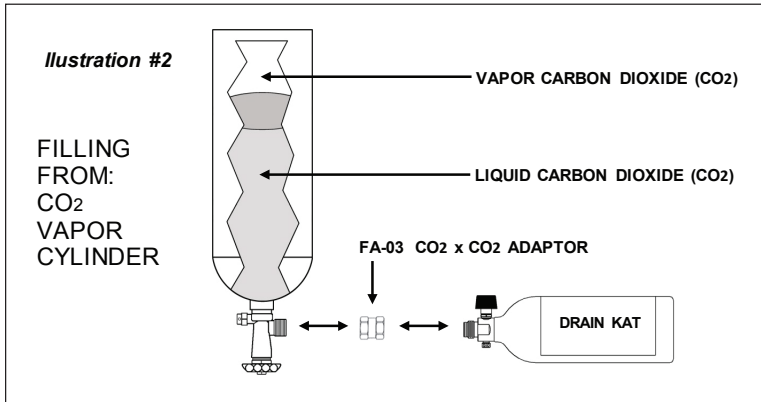


4. Connect the DrainKat to the mother cylinder using the FA-03 adaptor. (See illustrations #1 & 2)

WARNING: Colder cylinders accept more CO₂ while filling. Cylinders that are cold or that have been pre-chilled before being filled must be weighed to confirm they are not overfilled.

5. With cylinders hand tightened together, open the DrainKat, then slowly open the mother cylinder allowing pressure to equalize.
6. When flow stops, close both cylinder valves, and disconnect the cylinders by unscrewing the adaptor.
7. There will be a slight release of gas between the two cylinders upon disconnecting.
8. Re-weigh the DrainKat, and subtract the tare weight. This is the contents weight.
9. Check the contents against the rated capacity of the Drain Kat usually stamped into the neck of the cylinder. If the cylinder is overfilled, release the excess contents immediately.

WARNING: OVERFILLED CYLINDERS ARE DANGEROUS!
Always check contents weight on an accurate scale.



NITROGEN FILLING:

1. Disconnect hose and unscrew regulator from the DrainKat.
2. Connect FA-03 and FA-01 adaptors onto the DrainKat cylinder valve. (See illustration #3)
3. Connect the DrainKat onto the larger nitrogen cylinder (mother cylinder).
4. Open the DrainKat, then slowly open the mother cylinder allowing pressure to equalize.
5. Completely close both cylinder valves, and disconnect the cylinders by unscrewing the adaptors.
6. There will be a slight release of gas between the two cylinders upon disconnecting.
7. Check for continuous leaks.

CAUTION: This equalizing transfill does not overfill the DrainKat when using a standard 2015 psi 40 Cu.Ft. or 80 Cu.Ft. mother cylinder. Larger capacity or higher pressure mother cylinders require the use of a system to prevent pressures over 1800 psi from entering the DrainKat.

