

Nitrogen Requirements for bottling with Signature.

Signature uses Nitrogen to ensure your wines experience little to no oxygen pickup during our bottling process. Here is a basic formula to estimate your nitrogen needs during your bottling run.

BASIC FORMULA = 1 CUBIC FOOT OF NITROGEN PER CASE

Nitrogen Dewar Ni160-LT350 = 3478 cubic feet of nitrogen when full. The 160 should accommodate approximately 3400 cs of wine bottled.

Nitrogen Dewar Ni180-LT350 = 3713 cubic feet of Nitrogen when full. The 180 should accommodate 3700 cs of wine bottled.

Nitrogen Dewar Ni230 – LT350 = 4748 cubic feet of Nitrogen when full. The 230 should accommodate 4700 cs of wine bottled.

Nitrogen High Pressure Cylinder = 300 cubic feet of dry nitrogen. Approximately 1 hour of bottling = 250 cases. Winery would require at least 4 of these cylinders for any bottling 800 cases and under.

VERY IMPORTANT. Liquid nitrogen tanks will bleed off on their own especially in warm weather, thus reducing the cubic feet of nitrogen available in the tank. Please do not rely on exact volumes in these dewars for your bottling. Be safe, not sorry.