

CO2 FEED SYSTEM - SINGLE TANK

- A. Unit shall be a single tank CO2 metering system and take nominal 800 psi pressure from direct reading pressure gauges. One gauge shall read tank pressure. The other shall read regulated by a T-bar. Unit shall be tank mountable and shall connect to CO2 cylinders by 3/16" I.D. braided tubing rated for not less than 1000 psi. Discharge from unit shall be through thick walled 3/8" OD polyethylene tubing to the feed unit.
- B. CO2 from the pressure reducing valve shall be brought to the feed unit in thick walled 3/8", OD polyethylene tubing. Feed system shall include 120 volt AC solenoid operated valve for remote on/off control of CO2 feed. CO2 feed unit shall also include rate adjusting flow meter scaled from 0-30 SCFH and have a pressure rating of 100 psi.
- C. CO2 from feed unit shall be injected through 1/2" NPT fitting. Unit shall cause CO2 to be totally diffused and made to go fully into solution without evidence of CO2 bubbling at any point where water is open to atmosphere. Unit must be equipped with a check valve to prevent the flow of water into the feed unit.