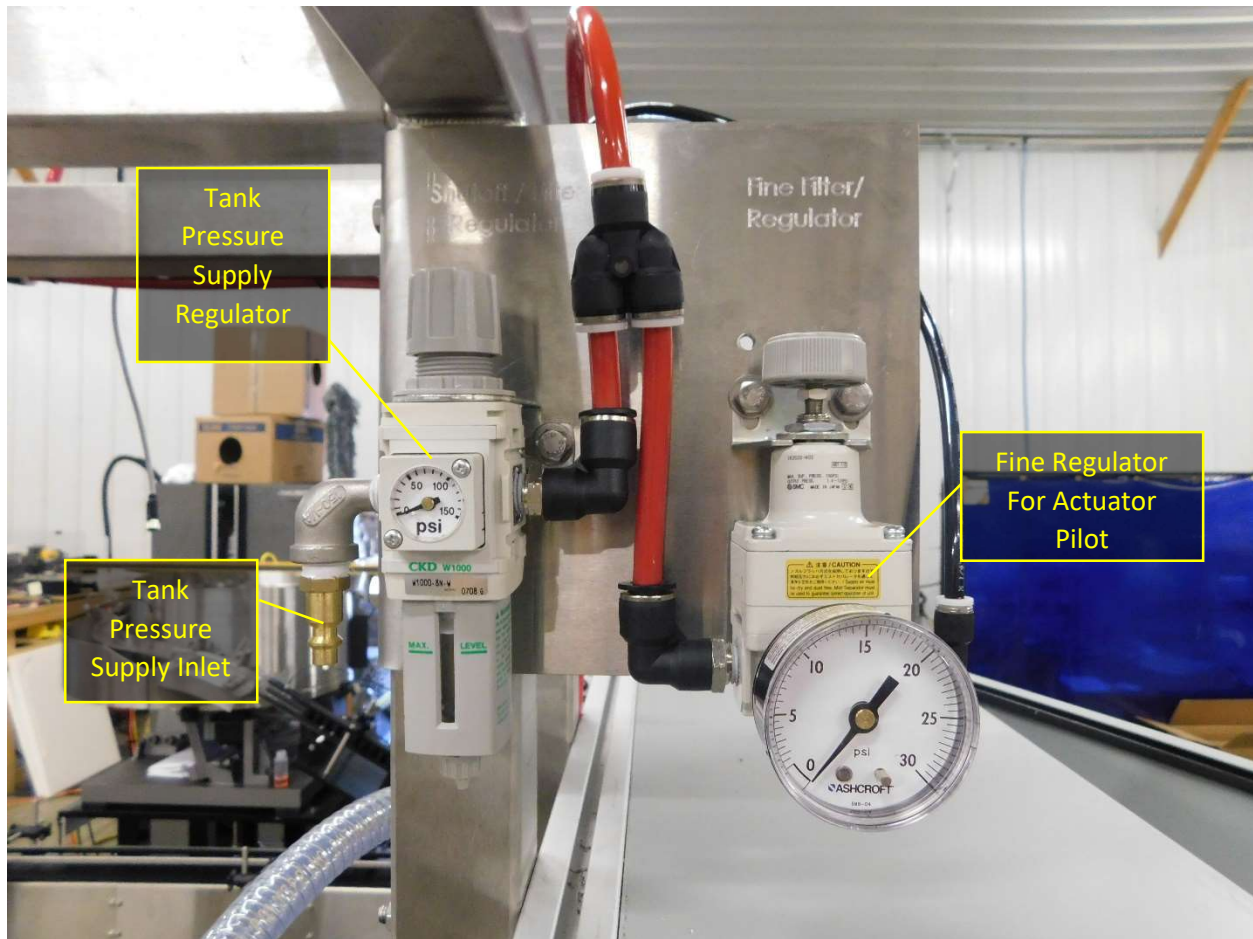


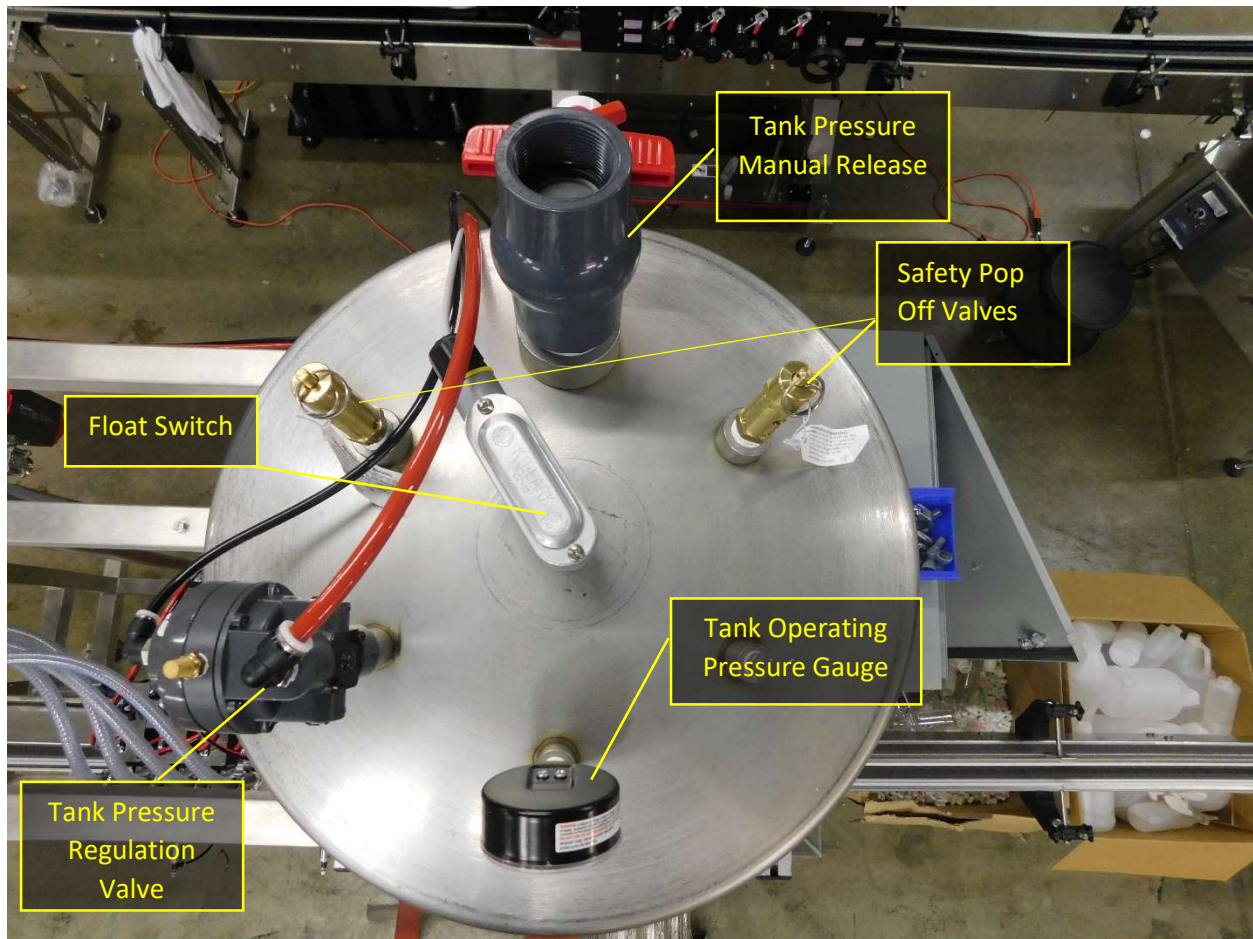


Pressure Gravity Add On “Analog Control”





Tank pressure supply inlet should be a clean dry steady source of 100 psi. This is generally regulated then to 30 psi at the tank pressure supply regulator, this supplies air to pressurize both tanks. The fine regulator is then adjusted in small increments to control the pilot pressure to the tank actuators ultimately regulating the tank pressures, generally operating pressure in the tanks will be 2-4 psi depending on product viscosity. The psi on the fine regulator is not operating pressure and will not be equal, you will watch actual tank gauges while adjusting this.



- Tank Pressure manual release is used to verify all pressure is released before service work or opened if using as a standard gravity filler without utilizing pressure system.
- Float switch is a standard two ball float with main float and high limit buffer
- Tank pressure regulator utilizes a pilot source from the fine regulator to control tank operating pressure
- Tank pressure gauge is actual real time tank pressure
- Safety pop off valves are utilized to keep the tank from reaching unsafe pressure levels

