



1 W. Cameron Kellogg, ID 83837 Toll Free: 1(877) 678-8726

Supply Monitoring;

We recommend that all spray machines be fitted or retro-fitted with supply material monitoring gauges. Most all of the higher end machines, such as the Graco Reactor 2 series, come with them now.

Supply monitoring is a very valuable trouble shooting tool. Placed between your supply filter and the machine it will tell you with a glance “do I have supply pressure” yes or no; no more guess work. If you have no supply pressure when troubleshooting it could be a pump failure or plugged supply filter.

When troubleshooting your system, always start at the head of the stream, the supply pump, and work your way down to the gun; verifying the results as you go.

I deal with tech calls daily and troubleshoot machine problems. My first question on a tech call is “do you have supply pressure?”, if I get the “I don’t know” answer then we could spend the rest of the day shooting in the dark and overlooking a simple supply problem that the gauges would have shown you.

The gauges will fluctuate as the supply pumps cycle and depending on specifics the cycle could be from 50-300. The A and B gauges will fluctuate at different rate due to the difference in viscosity of the A and B materials, this is normal.

As long as you have a minimum of 50 psi reading on the gauge at the low end of the cycle then you should have adequate supply to your

machine and will avoid a starvation scenario the will cause an off-ratio problem.

The attached picture shows a nicely plumbed retro-fit job. Machines will differ but with a little ingenuity and common hardware fittings you should be able to plumb in a clean and functional supply monitoring set up that will do the trick for minimal cost.

John Powers, Turboliner Tech. Dept.

