

ELASTOMER FREE SOLUTION FOR STATIC PRESSURE SYSTEMS

2500DLB pressure reducing & 2100DLB back pressure regulator



LOOKING FOR AN ELASTOMER FREE SOLUTION FOR A STATIC PRESSURE SYSTEM?

Premier 2500DLB and 2100DLB Series regulators combine to offer more precise control both for increasing and decreasing static system pressure. The 2500DLB and 2100DLB were designed in tandem to control increasing and decreasing static pressures with a tight and adjustable deadband. Both regulators are elastomer-free for compatibility with a broad range of media. When installed together the 2500DLB operates as the pressure reducing regulator and the 2100DLB back pressure regulator serves as the vent.

Using a flat head screwdriver, set each regulator's bias pressure individually. Set the bias pressure on the 2100DLB slightly higher than the bias pressure of the 2500DLB, then hook up a single pilot to control them both. Notice smooth control as static pressure is increased and decreased. Transition from increasing to decreasing without the choppiness or sudden drops commonly experienced when using a self-venting regulator.

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