INSTALLATION INSTRUCTIONS FOR EXACTRONIC DRAIN SYSTEM

INTRODUCTION

The EXACTRONIC DRAIN SYSTEM (EDS) is designed for trouble-free and maintenance-free draining of unwanted accumulations of condensation and other foreign matter from any collection point in a compressed air system. The condensation enters through the bottom of the drain's reservoir. When the reservoir fills up, an electronic float located at the top of the reservoir sends a signal to the ball valve actuator which opens and discharges the accumulated condensation. The EDS has been designed to remove the condensation without wasting any compressed air.

INSTALLATION

CAUTION: COMPRESSED AIR CAN BE DANGEROUS.
Before attempting to install the drain, be certain that the pressure vessel on which the drain will be installed is completely depressurized.

The drain should not be installed in areas that are exposed to freezing temperatures. Be certain that the air system pressure does not exceed the 200 PSI working pressure of the drain.

Connecting the drain to the air system should be done by using the recommended installation diagram shown herein. The installation of a strainer is not required or recommended.

Install the drain as close to the source to be drained as possible. Since the EDS uses gravity to fill the reservoir, the drain must be installed below the vessel to be drained. If system pressure is below 75 psi, we recommend the first three feet of discharge pipe from the drain valve be increased to 1/2" pipe. If flexible tubing is used on the discharge, be certain it is properly fastened to prevent it from whipping when the drain discharges the condensation.

Be certain to install the vent line down stream from the vessel that is being drained. This will insure that the air in the reservoir will properly exit as the condensation fills the tank and replaces the air.

Check the voltage on the label and apply power to the drain. Upon application of power, the drain will go through a drain cycle. If the cover from the actuator is to be removed, be certain to first disconnect the drain from the power source.

Close the By-Pass drain valve and open the Shut-Off valve. The pressure vessel can now be repressurized.

The EDS comes with a needle valve which should be installed on the top of the reservoir. On initial start up, the valve should be fully opened. If a constant stream of air is seen entering the bottom of the reservoir, then the needle valve should be closed so that only 3 to 5 bubbles appear per second.

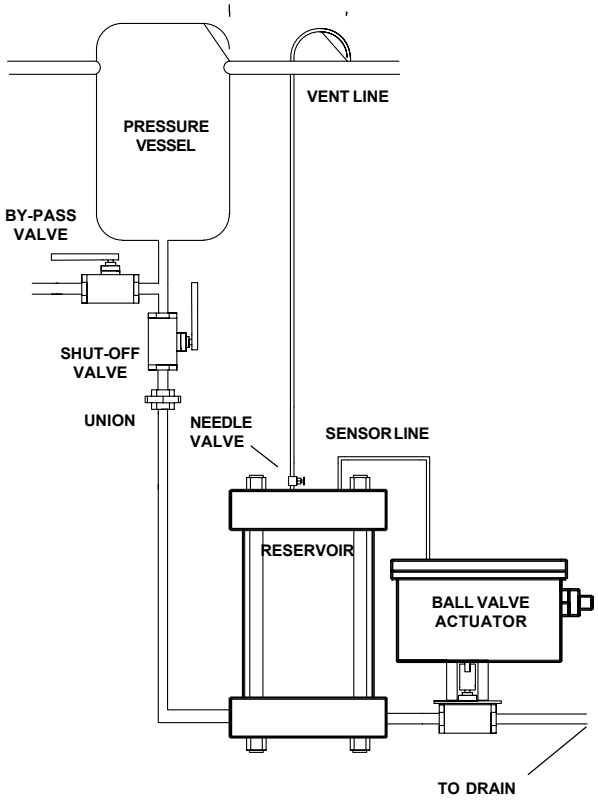
Testing the EDS can be done by pushing the TEST button or by removing and reapplying power to the drain.

WARRANTY

The EDS is warranted to be free from defects in workmanship and materials for a period of one year from the date of shipment. The liability of the manufacturer is limited to repair or replacement of the drain at its option. In no event shall the manufacturer be liable for special or consequential damages or for delay in performances of this warranty.

CAUTION: Any attempt to repair the drain without authorization will void any warranty.

DIAGRAM 1
RECOMMENDED INSTALLATION



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