



**MAFRL1N14**  
**PNEUMATIC FILTER REGULATOR**  
Installation, Operation, and Maintenance Instructions



## **INSTALLATION**

The supply air should be clean and dry. Note the input pressure port is labeled "IN" and the output pressure port is labeled "OUT." Install the pressure gauge on the secondary pressure output port. The pressure gauge indicates the primary pressure being passed through the output port. Please operate between 10-120 PSI and do not exceed the maximum pressure of 145 PSI. Excessive pressure can damage the product and may cause serious injury.

This product can malfunction if damaged. For best results, install the regulator with the clear plastic bulb facing downwards so collected liquid may drain properly. A mounting support bracket is supplied with each unit to help stabilize the regulator.

Using the 1/4" NPT connections, first connect the regulated device to the "OUT" port of the regulator. Then connect the air supply to the "IN" port of the regulator.

**Caution: When installing the product, please follow the below procedure. Always wear appropriate safety equipment and follow safety procedures.**

## **OPERATION**

The adjustment knob can be "locked" by gently pressing down until a click is heard. Likewise, it can be "unlocked" by pulling the knob up until a click is heard.

To set the pressure, ensure the adjustment knob is in the "unlocked" state. Pressure can be increased by turning the adjustment knob clockwise and decreased by turning the adjustment knob counterclockwise. Once the desired pressure is set, push the adjustment knob down to "lock" the regulator at that pressure.

## **MAINTENANCE**

When fluid accumulates inside of the clear plastic bulb, drain it by pushing in on the pin located at the bottom of the regulator. If the air quality is dirty, replace the filter in the bulb.