

CONTINENTAL NH3 PRODUCTS

INSTALLATION, OPERATION, REPAIR AND MANTINANCE INSTRUCTIONS

PRODUCT SERIES: A-EFV-45, A-EFV-45-G, A-EFV-60-G

ATTENTION: Please follow all of the instruction in this manual carefully and read the entire manual completely, failure to do so may cause the product to function improperly or fail causing serious injury or death.

DANGER  **DANGER**

ANHYDROUS AMMONIA IS AN INHALATION HAZARD AND WILL CAUSE SERIOUS INJURY OR DEATH. PLEASE USE EXTREME CAUTION WHEN HANDLING IT OR PERFORMING ANY MAINTENANCE ON EQUIPMENT USED FOR ANHYDROUS AMMONIA.

ATTENTION: Before performing any installation, operation, repair or maintenance please follow the instructions below.

1. You must be certified to work with anhydrous ammonia. If you are not please seek out the appropriate agricultural department to attend a class to obtain the proper certification.
2. Wear appropriate safety goggles, gloves and breathing apparatuses.
3. Drain all tanks, hoses and piping of anhydrous ammonia COMPLETELY before removing, installing, performing maintenance or repairing any equipment.
4. Always remove device from service before performing any maintenance or repair
5. have sufficient water near by
6. Obey all local, state and federal laws regarding the handling of anhydrous ammonia

INSTALLATION & OPERATION

1. This product is an in-line excess flow valve set at, depending on model, 45 or 60 gallons per minute + or – 10 percent. This means that it will shut the flow off when the volume in the line reaches 41 to 49 gallons per minute on the 45 GPM model and 54 to 66 gallons per minute on the 60 GPM model.
2. It must be installed in the correct direction. If installed backwards it will not function. The inlet is the end with the large hole and the excess flow spring is visible.
3. This valve cannot be installed directly onto the outlet of a nurse tank valve if it protrudes outside of the role cage; it must be secured to a bulk head or other secure structure that is legal to attach to. It must not protrude beyond a secure structure or bulkhead.
4. If teeing two hoses together it is recommended that you install it directly into the outlet of the tee or device being used to tee the lines together.
5. Use thread sealant on threads to prevent leaking and tighten with wrench.

MAINTENANCE

1. Keep valve clean and free from debris.
2. If leaking form the pipe threads try tightening the valve with a wrench, if this fails replace valve immediately.
3. Periodically inspect the excess flow spring by pushing on it and making sure it returns to open position. If it doesn't replace valve with a new one.

REPAIR

1. There is no repairing this product, replace valve with new one.

QUESTIONS CALL 800-537-5642