

CONTINENTAL NH3 PRODUCTS

INSTALLATION, OPERATION, REPAIR AND MAINTENANCE INSTRUCTIONS

PRODUCT SERIES: A-410

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 A-410 is an 85 percent liquid level spit valve and comes with a 12" dip tube. Determine what diameter your nurse tank is and how long the dip tube needs to be to measure 85 percent of the tank and adjust the length of the dip tube by cutting off any excess length to get the desired length.
2. Put thread sealant on 1/4" pipe thread portion of A-410 and install into 1/4" pipe thread port in nurse tank and tighten firmly with appropriate wrench. Make sure bleed hole is pointing in a safe direction so when opened ammonia will spray into a safe direction.
3. When filling the tank slightly open the A-410 valve and observe the outlet port from a safe location. When liquid ammonia sprays out turn fill valve off. This determines when the tank is 85 percent full. **NOTE THE LOCATION OF THE BLEED HOLE BEFORE OPENING. MAKE SURE IT IS POINTING IN A SAFE DIRECTION.**

MAINTENANCE

1. Check valve regularly for leaks and wear.
2. Keep valve clean and free from debris
3. If leaking from pipe thread try tightening with appropriate wrench, if this fails replace valve immediately.
4. If leaking from stem or bleed port replace valve immediately.

REPAIR

1. Remove unit from service by following the above ATTENTIONS AND CAUTIONS.
2. There is no repair kit for this valve, replacement is required.

QUESTIONS CALL 800-537-5642