

# CONTINENTAL NH3 PRODUCTS

## INSTALLATION, OPERATION, REPAIR AND MAINTENANCE INSTRUCTIONS

### **PRODUCT SERIES: B-521, B-522, A-527, A-551, A-582, A-584, A-577, A-571**

**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, 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. Put pipe thread sealant on the pipe thread and install coupling into appropriate connection and tighten firmly with wrench.
2. Install appropriate size acme gasket inside the mating male acme thread.
3. To connect coupling screw acme coupling clockwise onto a mating acme male thread and tighten firmly
4. To disconnect coupling bleed connection with appropriate vent or bleeder valve before unscrewing coupling. MAKE SURE ALL ANYDROUS AMMONIA IS COMPLETELY GONE BEFORE UNSCREWING COUPLING.

### **MAINTENANCE**

1. Check coupling regularly for leaks and wear.
2. Check ACME thread for wear. IF ACME THREAD IS WORN REPLACE COUPLING IMEDIATLY
3. If leaking from the acme thread replace acme gasket. If not successful replace adaptor immediately.
4. If leaking from pipe thread try tightening the adaptor with wrench. If not successful replace adaptor

### **REPAIR**

1. Remove coupling from service by following the above ATTENTIONS AND CAUTIONS.
2. There is no repairing this product, if repair is needed then replace the coupling immediately.

**QUESTIONS CALL 800-537-5642**