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## INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS FOR SIZES DVD 1 & DVD 2 DRUM VENT DRYERS

### Description

The Drum Vent Dryers consist of a top & bottom molding into which a reliable desiccant container is permanently sealed. The female threaded dry air outlet connection and the wet air inlet points are located in the bottom molding. The desiccant is beaded self-indicating silica gel.

### Installation

The Drum Vent Dryers are supplied with a threaded, red sealing plug screwed into the top molding. This is the replacement desiccant filler plug and should only be removed to replace the saturated desiccant. Couple the female threaded connection to the drum via the threaded adaptor. **NOTE: Ensure the adaptor is not over-tightened as this can weaken the connection or crack the bottom molding piece.**

The Drum Vent Dryer is now ready for use.

### Operation

Periodic inspection should be carried out to monitor the condition of the desiccant charge. The dryers are charged with blue indicating silica gel beaded desiccant. This material changes in color from blue to pink as it becomes saturated with water vapor. When the color change reaches the indicator line on the label on the desiccant container, the dryer should be re-charged with fresh desiccant or the complete assembly should be replaced.

### Maintenance

If the Drum Vent Dryer unit is not routinely replaced when the desiccant becomes saturated, the only maintenance necessary to keep the breather in a fully active condition is the replacement of the spent desiccant as follows:

1. Unscrew the unit from the drum.
2. Remove the red filler plug in the top molding and empty the spent desiccant from the container. This material may be disposed of with ordinary trash.

3. Fill the container with active blue silica gel (refills of the correct type and quantity in sealed packs are available from AGM Container Controls, Inc.).
4. Replace the filler plug and screw the recharged unit back onto the drum.

### **Desiccant Refills**

Refill Part Number 682501  
Blue indicating silica gel 1-3 mm bead

This part number includes enough desiccant for the Size 1 Drum Vent Dryer; two refill packages are needed for the Size 2 Drum Vent Dryer. This method of supply is recommended for users who have limited requirements. Contact AGM for pricing information.

As an alternative to individual refills, 25kg sealed drums of the blue silica gel are also available. Contact AGM for pricing information.

It must be emphasized that careful storage is necessary when dispensing desiccant from bulk containers. Ensure that the drum is open for the minimum time necessary to remove the required quantity and that the drum is properly resealed immediately after use.

Please contact AGM's Desiccant Sales Department at 520-881-2130 for additional information.