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## Magnum-600 Air Dryer Manual

### Installation:

Place the Magnum-600 near the ozone generator and connect an appropriate barbed fitting to the 1/4" FPT end. It does not matter which end and orientation is not important. Place the moisture indicator between the Magnum-600 & the ozone generator. Connect with poly tubing. A maximum distance of 6-ft between the Magnum-600 & the ozone generator is recommended.



### Regeneration:

The Magnum-600 contains air drying desiccant that requires regeneration after use. The frequency of regeneration is dependent on moisture content of the air. The unit is designed to dry 600-ft<sup>3</sup> of air before regeneration assuming an average relative humidity of 50% R.H. Higher moisture content results in more frequent regeneration.

### Moisture Indicator



The moisture indicator (left) will alert you to when the Magnum-600 requires regeneration. The indicator on the left is blue which means that the air is very dry, and suitable for ozone generation. The indicator on the right is purple/pink, which means the Magnum-600 must be regenerated. The indicator does not need to be regenerated. It will revert to a blue color once the air from a regenerated Magnum-600 passes through it.

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To regenerate the catalyst you must:

- remove any plastic fittings attached to the ends
- place the entire Magnum-600 in the oven with one end raised \*
- bake at 350-deg for 3 hours

\* Ensure that one end of the Magnum is at least 4 inches above the other end. This ensures proper convection currents to pull moisture out of the desiccant bed.

Be very careful handling the Magnum-600 after heating. The vessel will be VERY hot. Once the unit has cooled sufficiently, place end caps on the unit if it is not going into service promptly. This ensures the desiccant does not absorb moisture during storage.

### End view of Magnum-600



Stainless steel fittings are easily removed in the event the air-drying desiccant ever needs replacing. Replacement desiccant can be purchased through Ozone Solutions, Inc. The MAG-600 will hold 4.5 lbs of our part number "Desiccant"

## **OZONE SOLUTIONS LIMITED WARRANTY**

Ozone Solutions warrants all equipment assembled, manufactured, and sold to be free from defects in material and workmanship under normal use and service for a period of one (1) year after date of sale to the original purchaser.

Some products may have a specific warranty period other than what is outlined in this document. For such products, the manufacturer warranty will supersede this warranty. Ozone Solutions will honor the manufacturer's warranty, but if and when advised by the manufacturer, may have the customer deal directly with the manufacture.

This warranty covers all parts that are not outlined in a product maintenance schedule. This warranty will be void if any piece of the equipment is used in a manner other than what is explicitly outlined in the product manuals.

If any part of the equipment manufactured by Ozone Solutions proves to be defective during the warranty period, please contact Ozone Solutions at 1-888-892-0303, or [tech@ozonesolutions.com](mailto:tech@ozonesolutions.com). Prior authorization is required before working on or shipping a product back to us. Failure to get prior authorization may result in denial of your claim. Once authorized, you may return the defective equipment to Ozone Solutions with the transportation charges prepaid. If Ozone Solutions finds the equipment to be defective, it will be repaired or replaced at our discretion, free of charge, to the original purchaser (F.O.B. factory). This warranty shall not place any liability on Ozone Solutions for any transportation charges, labor, or cost for, or during the replacement of any parts. The replaced part(s) or product will then continue the original warranty duration. The replaced parts will not start a new one (1) year coverage period.

The purchaser by acceptance of the equipment will assume all liability for the consequences of its use or misuse by the purchaser, employees, or others. This warranty shall not apply to any piece of equipment, or part thereof sold by this company which has been subject to any accident caused in transit, alterations by unauthorized service, negligence, abuse, or damage by flood, fire, or act of God.

This warranty shall constitute the entire warranty and/or agreement between Ozone Solutions and the original purchaser, and in lieu of all other warranties, expressed or implied, either oral or written, including the warranty of merchantability and fitness for a particular use and of all other obligations or liabilities on our part. Ozone Solutions neither assumes nor authorizes any other person or entity to assume for us any liability associated with the sale of its products or equipment.

The term "original purchaser," as used in this warranty, means whom the product was originally sold to by Ozone Solutions or by an authorized dealer.

Ozone Solutions reserves the right to make changes in its products without notice. Because of this, Ozone Solutions is not obligated to replace warranty defective part(s) and/or product with the same original part or product.