OZOTECH™

Air Dryers

IQ-40 Electronic Air Dryer

Operation & Maintenance Manual

M43-31338 REV B

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Dear Valued Customer:

Congratulations on your purchase of the IQ-40 Electronic Air Dryer!

This user manual was created to help you get the most out of your new device and to assist you with the initial set up. Please visit www.ozotech.com to learn more about this and other products.

Thank you for choosing Ozotech products!

IQ-40 ELECTRONIC AIR DRYER

"Intelligent" Advantage Over Any Other Heat Regenerative Air Dryer on the Market Today!

SPECIFICATIONS

AIR FLOW	0.5-40 Cubic Feet Per Hour
WATTAGE	50 VA Average; 90 VA Maximum
DEW POINT	-50 to –60 Degrees
PHYSICAL DIMENSIONS	13" High X 10" Wide X 3.5" Deep
VOLTAGE	115 VAC, 60 Hz (Standard)
CHASSIS	Black Textured Powdercoat Over Aluminum

APPLICATION / INSTALLATION DATA

- This dryer is fully automatic and self-regenerating.
- This dryer is a vacuum air dryer. The ozone generator fed by this dryer requires a vacuum source. Airflow should be regulated by an air flow meter to the ozonator specifications.

NOTE: Dryer is suitable for **indoor or dry locations only**. If Installed outdoors, dryer must be protected from the weather.

If unit is to be installed outdoors, an open-ended cover should be installed to prevent direct exposure to the elements. This cover should extend at least SIX inches in all directions, and be located at least SIX inches above the TOP of the dryer to allow unrestricted convection of air through the unit.

•Air dryer should be installed in a vertical position, with the AIR outlet (1/4" npt female fitting) on the BOTTOM RIGHT side. The perforated sides should be RIGHT and LEFT to allow air convection, and should not be blocked or covered.

•Dryer should be plugged into an outlet for continuous duty. It is not recommended to power up the unit intermittently even at times when there is no airflow from the venturi.

ENGINEERING NOTICE

INSTALLATION OF THE IQ-40 ELECTRONIC AIR DRYER

The timing circuit on the printed circuit board is designed to operate properly even when a power loss occurs! This means that the IQ-40 Dryer remembers which drying bed was in operation when power ceased. This is very important, as you do not want moisture entering your ozone generator. Typical air dryers do not have this capability and can deliver air from a saturated dryer bed causing problems with your ozone generator.

YOUR IQ-40 DRYER SHOULD BE IN USE AT ALL TIMES, WHEN OPERATING IN CONJUNCTION WITH AN OZONE GENERATOR!

This input relates to initial installation and startup. During transit from the factory to destination, the drying agent in the chambers absorbs an incredible amount of moisture. Upon initial turn-on of the system, this large amount of moisture is immediately being pulled into the ozone generator chambers. This in turn could cause a decrease in ozone output and possibly a blown line fuse.

IN ORDER TO AVOID THIS PROBLEM, PLEASE ALLOW THE DRYER A MINIMUM THREE (3) HOUR WARMUP PERIOD PRIOR TO CONNECTING THE FLEXIBLE HOSE TO THE OZONE GENERATOR INPUT! PULL EXCESS MOISTURE FROM AIR DRYER OUTLET USING A VACUUM PUMP.

LIMITED WARRANTY

OZOTECH, Inc., warrants the IQ-40 Electronic Air Dryer to be free from defects in parts and workmanship for (12) months from date of invoice, under conditions of normal use. The corona discharge cell is warrantied against catastrophic electrical failure for 3 years from date of invoice. All other parts, repaired or replaced, will be warranted only for the remainder of the original warranty period.

OZOTECH, Incorporated will refund the purchase price, perform repairs or replace equipment, at the option of OZOTECH, Incorporated.

The warranty shall be null, void, and non-binding upon OZOTECH, Incorporated if OZOTECH, Incorporated (or authorized service center) determines the cause of malfunction or defect to be a result of:

1. Failure to perform proper maintenance as defined and recommended in this manual.

2. Failure to adhere to and provide proper operating conditions, as defined in this manual, including operation outside of temperature range, operating in wet or dirty environment, operation outside of manufacturer's specifications.

3. Adjustments made by user other than product output flow rate within ranges specified by manufacturer.

OZOTECH, Incorporated assumes no liability for damages incurred by deliberate or incidental misuse of this product, or damages incurred in transit.

Read Limited Product Warranty>Link