



Intake Air Dryer 2.0 Installation and Operation Manual

Thank you for purchasing the Ozotech Intake Air Dryer 2.0. The Intake Air Dryer 2.0 is designed to provide the necessary dry air required for ideal ozone production of an Ozotech ozone generator. The Intake Air Dryer 2.0 can be used either in a negative (pulling air) or positive (pushing air) pressure application. As the moisture indicating media absorbs moisture it will change color from BLUE to PINK when saturated.

INSTALLATION INSTRUCTIONS

1. Open box and cross reference that you have received the correct equipment. Parts list below.
2. Install the mounting bracket to the dryer cap using the four flathead screws provided.
3. Mount the Intake Air Dryer 2.0 within 4ft. (1.21 m) of the ozone generator, in a dry environment.
 - a. Mount vertically using appropriate anchors and fasteners.
 - b. Three mounting screws are provided.
4. Remove the caps from the inlet and outlet barbed fittings.
5. Setup and tubing use cases (Diagrams below for visual reference)
 - a. If using the Intake Air Dryer 2.0 in a negative pressure environment (i.e., when using a protein skimmer), connect an appropriate length of provided clear tubing from the 'outlet' fitting of the Intake Air Dryer 2.0 to the inlet of a top-mount valve flow meter. Then connect the outlet of the flowmeter to the inlet of your ozone generator.
 - b. If using the Intake Air Dryer 2.0 in a positive pressure environment (i.e., when using an ozone reactor), connect from your air pump/compressor 'outlet' to the 'inlet' fitting of the Intake Air Dryer 2.0. Using the provided tubing, connect the outlet of the Intake Air Dryer 2.0 to the inlet of a bottom-mount valve flow meter. Lastly, connect the outlet of the flow meter to the inlet of your ozone generator.
6. Follow the manufacturer's instructions for proper ozone generator installation. If using an Ozotech ozone generator with a venturi injector, be sure to carefully follow the venturi injector install/calibration guidelines. **NOTE:** This document is provided with select Ozotech ozone generators and is also available for online download at ozotech.com/support.

SERVICING THE DESICCANT MEDIA

The desiccant media within the media cartridge may be regenerated when it turns pink. To perform media regeneration, scan the following QR code and follow the regeneration process:



Desiccant Recharge

REPLACING THE MEDIA CARTRIDGE

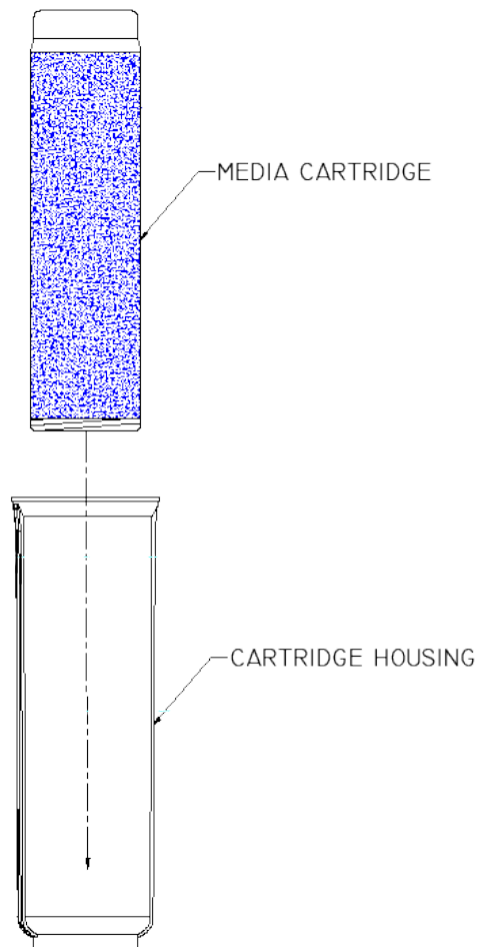
In place of regenerating the media, pre-filled replacement cartridges may be purchased to ensure maximum dryer service time. Use the following part number and model description when ordering replacement cartridges from Ozotech, Inc. or an authorized equipment dealer:

32099 - Intake Air Dryer 2.0 Replacement Cartridge

Use the instructions and figures below for media cartridge replacement:

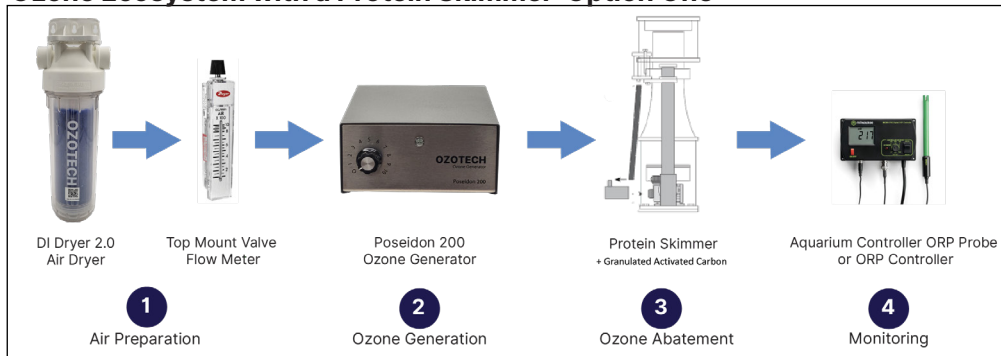
1. Unscrew the Intake Air Dryer 2.0 cartridge housing from the dryer cap and remove the media cartridge.
2. Install the new media cartridge into the cartridge housing.
3. Screw the cartridge housing onto the dryer cap and return the Intake Air Dryer 2.0 to service.

Intake Air Dryer 2.0
Replacement Cartridge Assembly

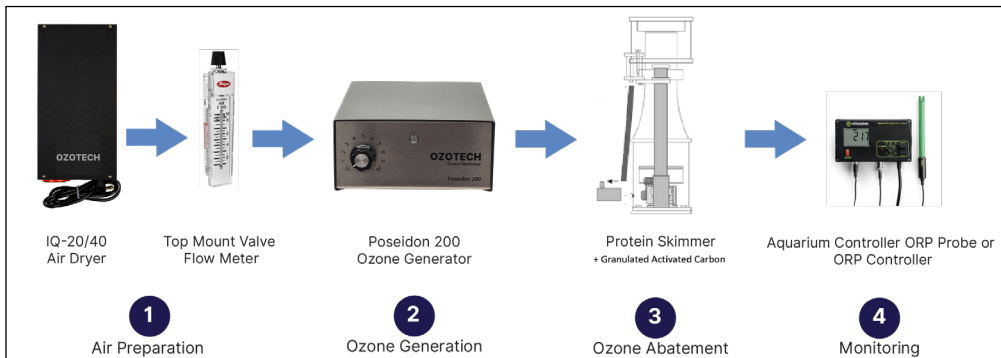


SETUP AND TUBING USE CASES

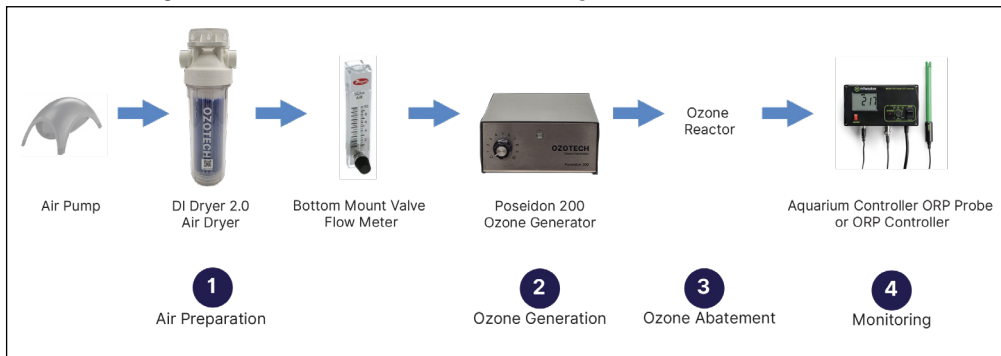
Ozone Ecosystem with a Protein Skimmer-Option One



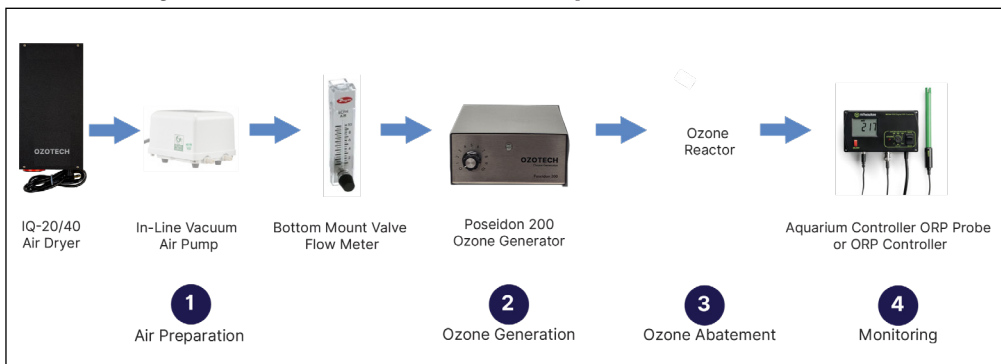
Ozone Ecosystem with a Protein Skimmer-Option Two



Ozone Ecosystem with an Ozone Reactor-Option One



Ozone Ecosystem with an Ozone Reactor-Option Two



PARTS LIST

x1 Intake Air Dryer 2.0 w/desiccant media cartridge installed
x1 Mounting bracket
x4 Mounting bracket screws
x3 Wall mounting screws
x1 3/16" barb x 3/16" barb tubing connector
x1 3/16" barb x 1/4" barb tubing connector
x1 Lubricant package and instructions
x96" x 3/16" ID x 5/16" OD clear tubing

SUGGESTED AIRFLOW METER (TYPES)

Top mount valve airflow meter (negative pressure applications), 0-10 SCFH flowmeter

Dwyer Part: [MMF-10-TMV Mini Master Top Mount Flowmeter, 1-10 SCFH](#)

Bottom mount valve airflow meter (positive pressure applications), 0-10 SCFH flowmeter

Dwyer Part: [MMF-10-PV Mini Master Bottom Mount Flowmeter, 1-10 SCFH](#)

Flowmeter elbow adapter fitting

[1/8" MNPT x 3/16" Hose ID Black HDPE Adapter](#)

If you have any questions about the installation and setup of the Intake Air Dryer 2.0, please visit our website and click the support page for additional information. Thank you again for purchasing the Ozotech Intake Air Dryer 2.0.