



Introducing our latest ozone technology for Denim Fading.

What is Ozone?

Ozone is oxygen (O₂) with an extra atom of oxygen attached, thus forming O₃. Ozone is formed naturally during a lightning storm. The creation of ozone is nature's way of purifying the atmosphere, and is what gives clothesline dried linen that "fresh air" smell.

How Ozone Generator works in Denim Processing Machines?

Industrial grade ozone generator combined garment processing machines help for dry ozone Treatment. It is basically for three applications,

- a. Only Back Stain removal
- b. Minimum Color Fading
- c. Maximum Color Fading

Capacity of Ozone Generator varies according to suitable application and customer's requirement which shall help with reliable performance for any type of commercial textile application. It utilize 'earth friendly' ozone in place of bleach, hot water, and even water in general; and allow us to help you produce sustainable unique quality denim. Ozone denim processing is the wave of the future because of its superior sustainable qualities.

Our Ozone Generators for Denim Processing Systems are custom designed and built to exacting unique specifications for each facility as necessary. With worker safety first and foremost in mind, we have inbuilt Ozone Air Monitors, Ozone Destructor and also Ozone Analyzer (optional). For safety we have built in a failsafe system so that any potential leaks will actually display in air monitor and give warning.

The truly defining part of the ozone denim processing system is the delivery of the ozone into the washer cylinder where it actually does its work. It must be uniformly concentrated to obtain and sustain maximum quality control. This means that each ozone denim processing system must be designed and sized to meet the volume requirements of each washer cylinder.



Through years of trials and testing with denim companies, we have found that these are the real key factors in obtaining high volume sustainable quality. **With our unique design we can obtain and safely utilize a higher ozone ppm ratio than any other manufacturer in the world today.**

Our ozone generator for Denim Processing also has functions such as timer mode for Ozone Cycle and also for Ozone extraction which passes through the destructor and continues the cycle until complete ozone is destructed it is decided according to the capacity of denim processing machine, customers choice and

Advantages of ozone finishing for denim:

- A minimum loss of strength
- It is a simple method that is environmentally friendly.
- Low energy costs for processing
- Short treatment time

