

Purfresh **TITAN**

DECONTAMINATION, CLEANING AND SMOKE TAIN T REMOVAL FOR WINE GRAPES, FRESH FRUIT AND PRODUCE

FOR LARGE AND SMALL ITEMS IN MASS QUANTITIES

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Purfresh Titan is a large 20 or 40 foot self-powered and temperature-controlled connex container, with built in ozone generator, that can be delivered to your winery, vineyard, farm, or packhouse. Expedited decontamination of smoke taint, bacteria, and viruses is achieved by placing large or small items in mass quantities into the container for 12 to 24 hour treatment cycles that use on-demand, sensor level controlled, ozone (O3) generation with high velocity air flow. Purfresh Titan can significantly reduce the effects of smoke taint for wine grapes and many other fresh fruit and produce products.

DIMENSIONS

38' length x **7'6"** width x **7'11"** height

WEIGHT

9,744lbs (tare)

CAPACITY

2256 cubic feet

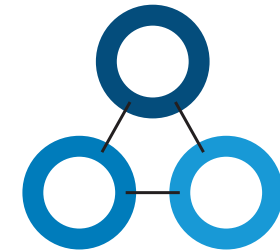
Purfresh Titan comes in 40 foot or 20 foot container sizes for the same rental price per month. Education and training on product use available. Technology is monitored and documented through live real-time reporting, recording, and remote control of ozone levels through an automated cloud-based system at INTELLIPUR.COM. While the O3 application is active the treatment space must be vacant. Monthly or yearly leasing service options available.



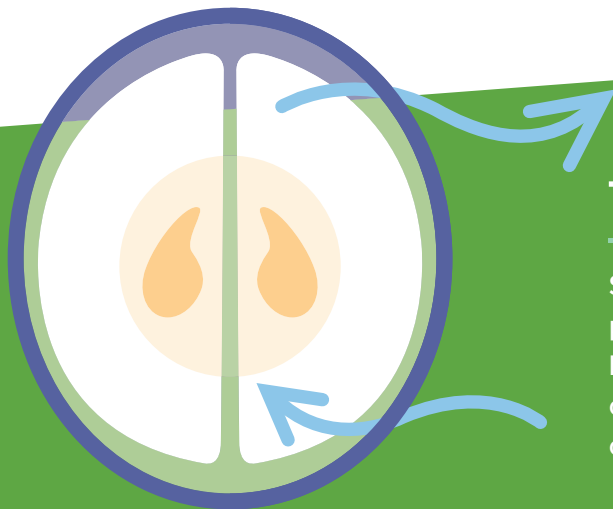
WHAT IS OZONE?

Ozone (O₃) is a reactive gas composed of three oxygen atoms. At low, closely managed and measured concentrations, ozone can be used to significantly reduce smoke taint volatile phenols (guaiacol and 4-methylguaiacol).

Adding humidity to ozone can be used to accelerate its effectiveness.



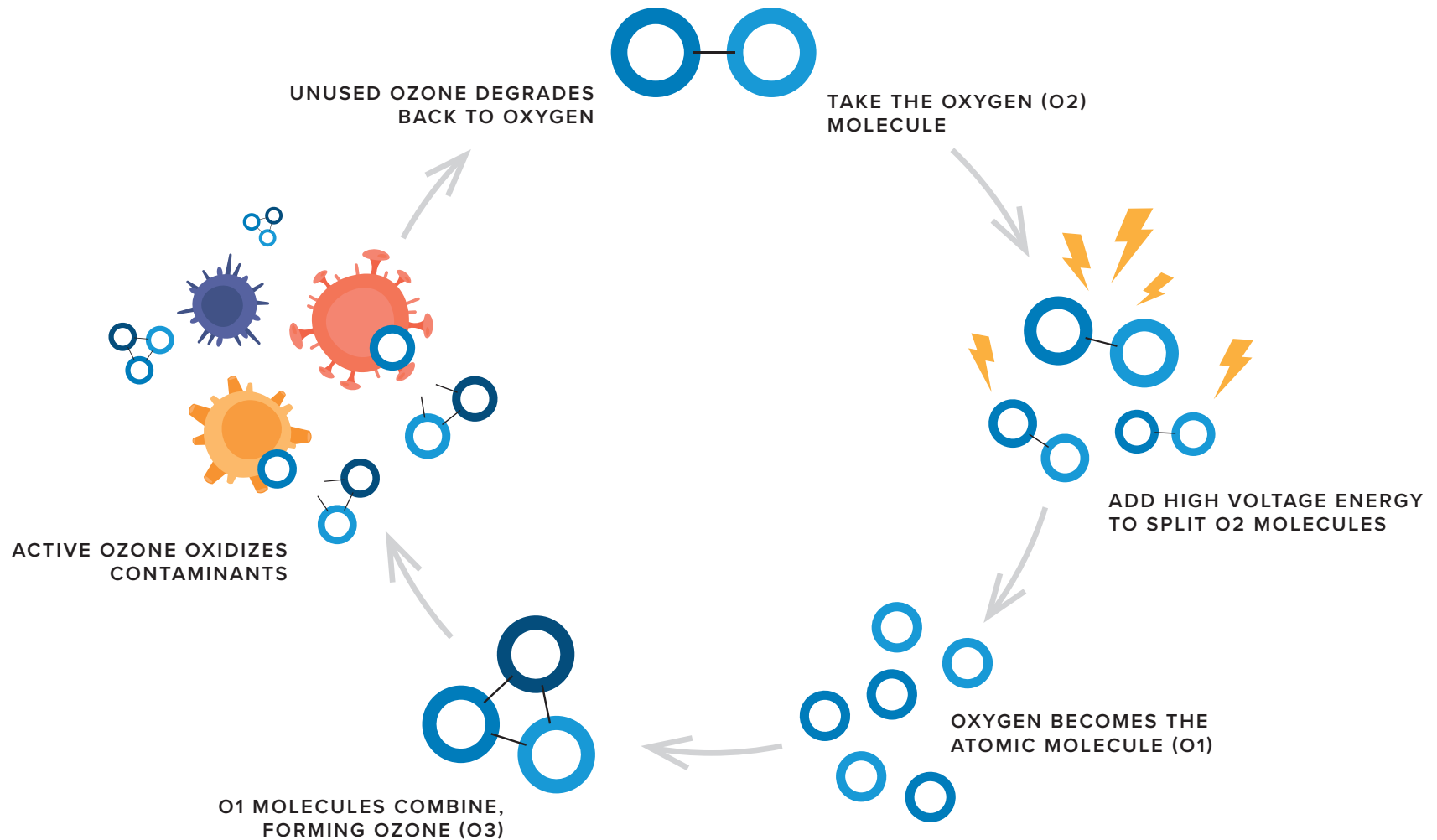
Ozone = O₃



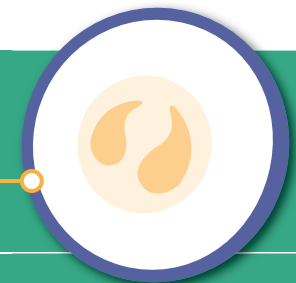
THE ADVANTAGES OF USING OZONE OVER OTHER METHODS

Since **ozone is a gas**, it easily contacts all surfaces of grapes and other produce, including hard-to-reach areas. Ozone also has the additional benefit of being FDA certified for food contact and USDA certified for organic food processing. Ozone must be generated on-site, and unused ozone degrades back to oxygen (O₂), leaving no residue.

HOW DOES IT WORK?



At specific concentrations ozone can delicately permeate the skin of the grape or of other fruit, react with and reduce volatile compounds caused by smoke.



purfresh®

Purfresh® believes in, and practices, strict, science based and backed efficacy, to confirm and stand behind our decontamination, cleaning and smoke taint removal services. We use treatment product volume level, time of application, electronic sensing, and record keeping to validate our service to our clients. All Purfresh® ozone services and products are designed only for non-occupied applications.

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