



Food Surface Sanitation Tunnel



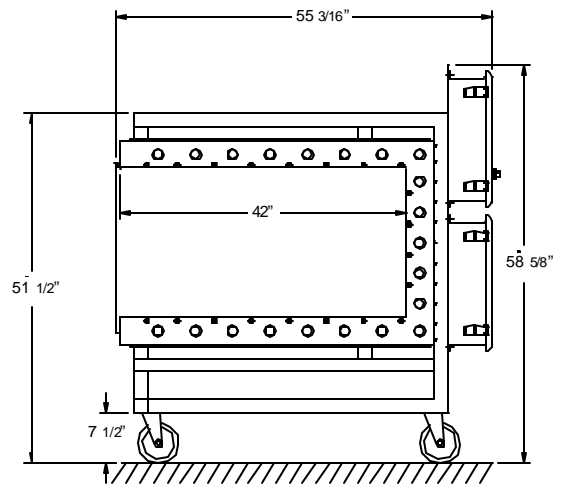
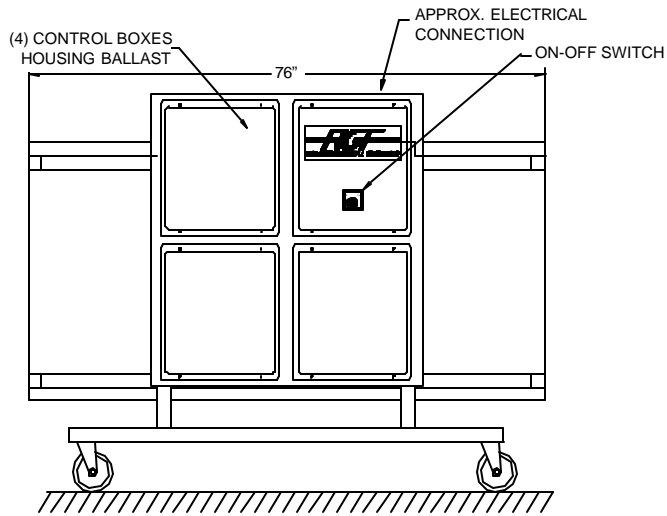
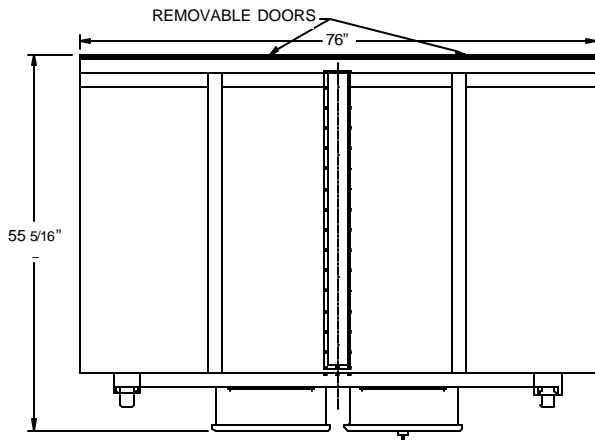
Patent Pending

- Kills bacteria, mold, yeast
- Modular construction
- Easily retrofitted to your process
- All stainless steel construction
- Reduces liability concerns
- Easily accessed for cleaning
- Custom installations available
- No chemicals
- Low maintenance
- All natural Photohydroionization™ process
- Low energy consumption
- No labeling required
- Optional UV Performance monitoring equipment available
- Can be built and installed as a mobile or fixed system

The RGF Food Surface Sanitation Tunnel, utilizing photohydroionization™ (PHI), is a breakthrough in food processing technology. The patent pending food tunnel is designed to be placed at the end of the process line just prior to packaging. At this point in the food process, the food tunnel can provide final non-chemical, anti-microbial treatment, and protect products from human error or other cross contamination events which may have occurred earlier during processing. The modular design allows for sections to be assembled to fulfill customer's precise requirements.

The unit mounts around a self-contained variable speed conveyor. Inside the food tunnel we have strategically placed a series of ozone and ultra-violet light emitters. Specially designed stainless supports and FDA approved high impact polymer shrouds protect each emitter preventing glass from entering the work environment. The internal system surfaces are made of mirror polished stainless surfaces to maximize reflectivity and reduce issues of shadowing.

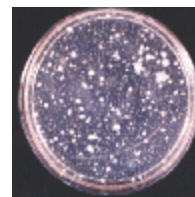
Food enters the tunnel carried on a low profile, open weave conveyor belt. The belt is designed for the weight load of the product volume to be treated. This dry environment process incorporates high intensity targeted ultra-violet light, ozone, and ionization to create a powerful sanitizing environment for most food surfaces. There are no changes in color taste or organoleptic qualities when operated according to manufacturer's specifications.



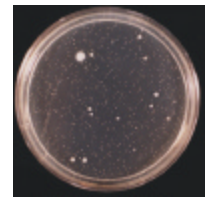
SPECIFICATIONS

Material	316 Stainless Steel
Electrical	120 volt 10 amps
Weight	600 lbs.

Actual lab results



Before



After

RGF Environmental

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