

Ultra Violet Cool Room Germicidal Light

PART No: GF600IM

FEATURES

Want to eliminate bacteria, odours and reduce food spoilage?

The UVP Germicidal units are used extensively in all areas where meat, dairy products, fruit, vegetables etc. are stored or processed. These areas include all cool rooms, salad rooms, cheese storage, bottling lines and locations susceptible to airborne contamination.

Benefits of UVP Germicidal units:

- Increases storage life.
- Effectively reduces food spoilage by killing bacteria, viruses, yeasts and mould spores.
- Helps prevent coolroom odours.
- Reduces food weight loss by allowing coolroom operation at a higher relative humidity.
- Lowers running costs by allowing coolroom operation at a higher temperature.
- Greatly reduces the need to trim meat, providing maintenance-free operation.
- UV lamp is guaranteed effective UV life for one year.



Color: Stainless steel

Material: Stainless Steel

ADDITIONAL INFORMATION

Please Note

Eyewear is to be worn at all times while in a room with this light on.

Risks Include: Welding flash/Arc eye and damage to the eyes if users look directly at the light.

There are alternatives to wearing the eye protection like having a switch for the light to turn it off when entering or an eye shield which can be purchased separately, that sits over the grate.

The mechanism of disinfection by Germicidal Ultra Violet (UV) light differs considerably from the mechanisms of chemical disinfectants such as alcohol, chlorine and ozone. Chemical disinfectants inactivate micro-organisms by destroying or damaging cellular structures, interfering with metabolism, and hindering biosynthesis and growth. Germicidal Ultra Violet (UV) light inactivates organisms by absorption of the 254 nm wavelength of light, which causes a photochemical reaction that alters molecular components essential to cell function. As UV light penetrates the cell wall of the micro-organism, the energy reacts with nucleic acids and other vital cell components, resulting in injury or death of the exposed cells therefore making it impossible for them

to replicate. A micro-organism that cannot replicate, cannot infect a host.

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