Ultra Violet Cool Room Germicidal Light

PART No: GF600IM

FEATURES

Ultra Violet Cool Room Light

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.

Cleaning:

- Switch the electrical power off and wipe the unit, using a damp clean cloth until clean.
- If it's the sleeve, switch the electrical power off and gently wipe the Quartz sleeve using a cloth with methylated spirits, after removing the Stainless-Steel Guard, and replace it when completed.

Recommended replacement: 1 YEAR

- The lamp and sleeve need to be replaced on a yearly basis. These lamps have a rated life, which is just over 1 year and over time the UV output diminishes. Therefore, to keep the output at the level required to kill micro-organisms, they must be replaced annually.

Please Note: Unit comes with light tube and ozone sleeve

Colour: Stainless steel

Material: Stainless Steel

ADDITIONAL INFORMATION

Please Note:

Eye wear 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.