



## AirKlean S mini Air disinfection unit

Designed for the hospitality sector, the AirKlean S mini disinfects air in small enclosed spaces - cold stores, kitchens, public areas, in fact anywhere that requires infection and odour control.

The unit is wall or ceiling mounted and has an internal fan which draws air through the unit. Here, the air passes over high intensity UV-C emitters which act on airborne microbes such as bacteria, spores, viruses, moulds, yeast and fungi.

Product Specification	
Dimensions (HxWxL)	600 x 150 x 170 mm
Weight	2.7kg
Supply	230 v / 50-60Hz
Power consumption	60W
UV-C emitter	1 x 55W with optional Teflon coating
UV-C emitter life	9,000hrs
Noise	28dB
Air flow	25-50m <sup>3</sup> /hr

### Safety

The unit does not produce ozone, and has light guards to prevent UV-C light escaping. As a result, the AirKlean S mini can be used in places where people are present. As an additional safety feature, the UV-C emitters have a special Teflon sheath to protect against breakage.

Plasma Clean Limited, SBIC  
Broadstone Mill, Broadstone Road,  
Stockport, Cheshire, SK5 7DL . UK

Email: [ask@plasma-clean.com](mailto:ask@plasma-clean.com)  
Tel: +44 (0)161 443 4125  
[www.plasma-clean.com](http://www.plasma-clean.com)

### The Benefits:

- Reduces spoilage of fresh produce and extends shelf life
- Disinfects 24 hours a day
- Is practically maintenance-free
- Dispenses with the need for chemical cleaners which can be expensive and harmful to health and the environment
- Has an excellent price/ benefit ratio
- Simple to retrofit

### Performance data – 91.5% germ kill

UV-C light at 254nm is known as 'germicidal' UV-C because of its lethal effect on microorganisms. Independent testing has been carried out by Plasma Clean at Leeds University in the UK. Using a biological indicator designed specifically for the pharmaceutical, food and medical device industries, a reduction of 91.5% was shown using *Geobacillus stearothermophilus* spores when exposed to UV-C.