

GRU-V[®] COOL

Industrial UV Air Purifier for Cold Stores



Reduces cross-contamination, increases product shelf life, prevents infections and diseases

Improves air quality by sterilising micro-organisms such as viruses, bacteria and mould spores

Destroys more than 99.99% of Influenza, MRSA, Tuberculosis, E-Coli and other bacteria and moulds

No ozone, no harmful particles, no biocides, no chemicals, no odours

Stainless steel materials, compact but rigid construction, condensation-proof and splash-proof

Shatterproof UVC lamps, security screws for lamp replacement

JenActUV

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Technical Specifications

Operation

Air flow rate	97 m ³ /h (150 m ³ /h nominal)
UVC dose	24mJ/cm ² (calculated average dose after 8,000 hours)
Disinfection rates*	100% kill rate of Influenza A, MRSA, E-Coli, Tuberculosis (single pass, >6 log kill) 99% kill rate of Anthrax (single pass, 2 log kill) 61% kill rate of Clostridium difficile (single pass) 99% kill rate of Clostridium difficile (five passes recirculation)

* Disinfection rates based on calculated averages after 8,000 hours of operation. Single pass inactivation means that the air is exhausted after it is treated and is not recirculated.

Electrical

Supply voltage	230 Vac, 50Hz, max 1A	UV lamp	2x 95W PLL germicidal
Fuse	5A	UVC output per lamp	32W
Power	220W max	UV lamp average life	8,000 hours
Ballast	solid state electronic		

Environmental

Operating temperature	from 0°C to 40°C
Humidity	suitable for condensing environments

Mechanical

Dimensions	175mm x 200mm x 750mm
Weight	9.5 kg

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