

## GRU-V Air Disinfection Unit - Non-condensing Environment



The UV Technology Limited GRU-V air disinfection unit has been developed specially for small rooms in a range of areas of application.

The unit is designed for ceiling or wall installation. The actual positioning in each case is dependent on the local conditions. A powerful fan draws in the air for disinfection, which is then treated with UV-C in the UV-C chamber. Integrated light traps ensure that no UV-C light escapes enabling the unit to be used in areas frequented by people.

253.7 nm UV-C light is used to reduce the number of germs present in the atmosphere. This wavelength has a lethal effect on micro-organisms such as bacteria, moulds and yeasts. The low pressure UV-C emitters provide a high level of radiant efficiency and a special interior coating ensures an exceptionally long service life with minimal decline in effective UV-C power. The lamps are available with an optional Teflon coating for protection against splintering and cold. In dusty rooms the device is also available with an easily replaceable preliminary filter.

Technical description	GRU-V
Product number	JA01
Length	700 mm
Width	150 mm
Height	200 mm
Supply voltage	240 V single phase 50hz
Supply consumption	130 w
UV-C emitter	2 x 55 W (Teflon optional)
UV-C emitter product number	UVT PL55
Emitter service life	9000 hours
Protection class	IP 20
Material	Stainless steel food grade
Real air flow volume	55 m <sup>3</sup> per/hr
Fixing	Ceiling or wall
Weight	7 Kg