

## GRU-V Air Disinfection Unit - 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              | JA02                                 |
| Length                      | 750 mm                               |
| Width                       | 175 mm                               |
| Height                      | 200 mm                               |
| Supply voltage              | 240 V single phase 50hz              |
| Supply consumption          | 220 w                                |
| UV-C emitter                | 2 x 95 W (Teflon optional)           |
| UV-C emitter product number | UVT PL95                             |
| Emitter service life        | 9000 hours                           |
| Protection class            | Suitable for Condensing Environments |
| Material                    | Stainless steel food grade           |
| Real air flow volume        | 97 m <sup>3</sup> per/hr             |
| Fixing                      | Ceiling or wall                      |
| Weight                      | 9.5 Kg                               |