



**AUSTRALIAN ULTRA VIOLET  
SERVICES PTY LTD**

ABN: 47 006 375 097

# ULTRA VIOLET DEODORISER FOR CANOPY UNITS



**Model: MC-G24TRI**

## OPERATION & MAINTENANCE MANUAL

AUVS IS ALWAYS INVOLVED IN ONGOING RESEARCH AND DEVELOPMENT



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# GENERAL INFORMATION

## INTRODUCTION

This manual has been prepared so that you may obtain the maximum benefit from your **Australian Ultra Violet Services Pty. Ltd.** UV deodorising unit.

Therefore, please read the information contained herein before starting to use the deodorising unit. This unit was designed to require minimum attention. However, like all precision machinery it requires proper handling, cleaning and periodic servicing for efficient and trouble free operation. If by chance trouble should develop, do not hesitate to consult the dealer from whom you purchased the disinfection unit and request their advice or call **Australian Ultra Violet Services Pty. Ltd.**

## UV DEODORISER FOR CANOPY UNITS

Air exposed to a special ultra violet lamp produces activated oxygen (O<sub>3</sub>) which has the ability to break odour compounds. This unit is connected to the exhaust fan of your canopy and only operates when the canopy is in operation.

# INSTALLATION

### CAUTION

*Do not look at lighted lamps with the naked eye; always use a UV safe full-face mask or glasses. Exposure to the lamps for more than a few seconds may cause burns to the eyes and skin.*

## UNIT INSTALLATION

This unit must be installed as per Melbourne canopies installation instructions by a competent trades person.

# OPERATION

## PRE-START-UP CHECK

1. Check all lamps are fitted correctly.
2. Check that all push-on terminals are correctly fitted to the lamps
3. Check that the pre filter is fitted and secured.

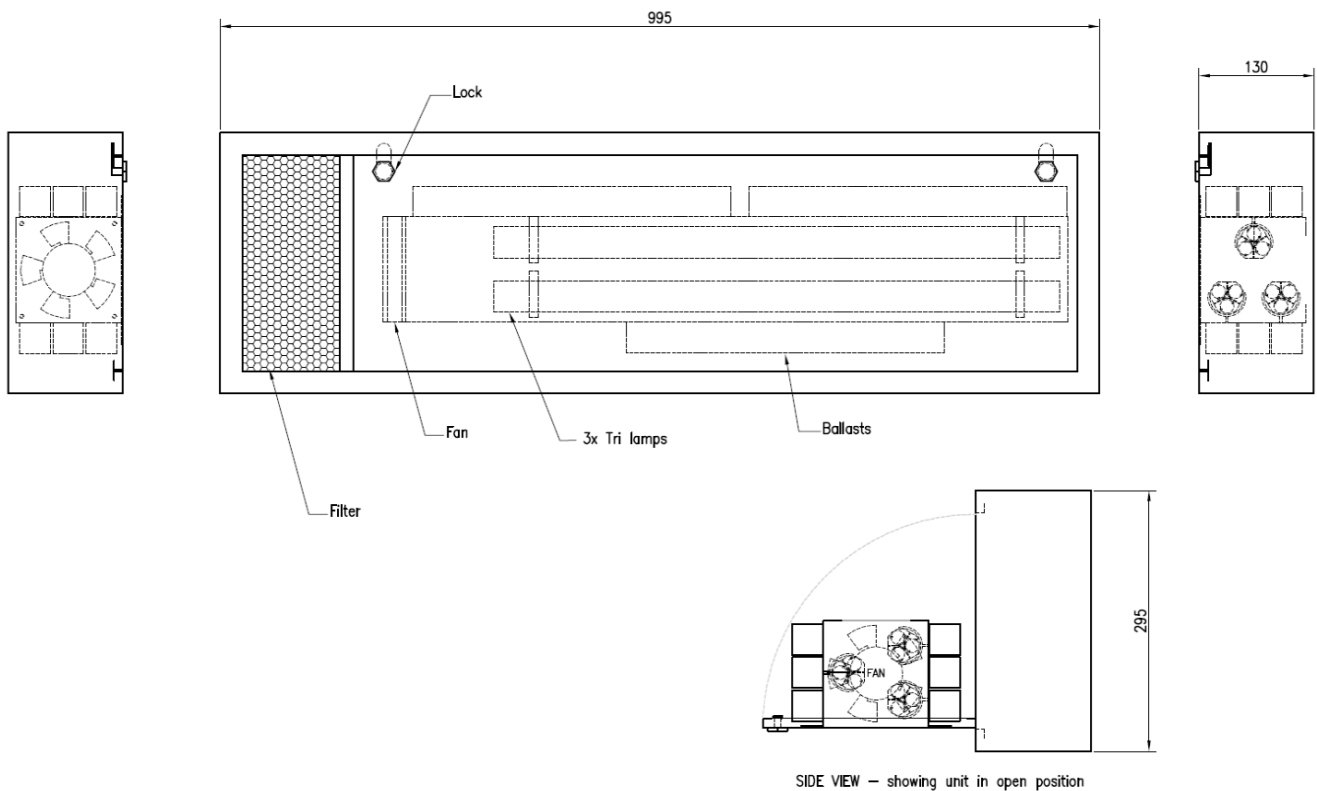
## START-UP CHECKS

1. Turn Unit on
2. Check that all lamps are operating. (Note: NEVER look directly at Illuminated Ultra Violet Lamps. Always use UV rated safety glasses.)
3. Check fan for unusual noises.
4. Check there is no backflow of activated oxygen (O<sub>3</sub>) through the inlet filter. If so rectify.

# SPECIFICATIONS

<b>Enclosure</b>	Stainless steel
<b>Power Consumption</b>	1.8 Amps
<b>Power supply</b>	AC-240V/50Hz (Standard)
<b>Dimensions</b>	995mm(W) x 295mm(H) x 130mm(D)
<b>Weight</b>	12kg
<b>Ballast type</b>	Electronic #0.154
<b>UV replacement lamp</b>	G24 TRI

## LAYOUT DRAWING



## MAINTENANCE

The filter should be cleaned monthly, or more often if required, with warm soapy water. DO NOT use acids or acid based cleaners.

Replacement of the lamps is required as the efficiency of the lamps gradually decreases with use and to maintain their effectiveness the lamps should be replaced at least annually. It is essential that an accurate record is kept of the operating hours.

Service to the Unit should be carried out by a competent electrical trade's person.

For Service Call

### **AUSTRALIAN ULTRA VIOLET SERVICES PTY LTD**

ADDRESS: 23 Northgate Dve, Thomastown Vic 3074

TEL: 03 9464 3855

FAX: 03 9464 3866 or 03 9465 2970

EMAIL: service@austuv.com.au

## WARRANTY

This warranty gives you specific legal rights. You may also have other rights, which vary, from state to state.

### ***One Year Limited Warranty***

Australian Ultra Violet Services (Operations) Pty Ltd (AUVS) warrants all ultra violet deodorising units against defects in materials and workmanship for a period of one year from receipt by the end user. During the warranty period, any part suspected of being defective is to be returned to Australian Ultra Violet Services (Operations) Pty Ltd at the purchaser's cost. AUVS at its option will either repair or replace products which prove to be defective.

### ***Exclusions***

The warranty on your ultra violet unit shall not apply to defects or damage resulting from:

- ◆ Improper or inadequate installation.
- ◆ Improper or inadequate maintenance by customer.
- ◆ Unauthorised modification or misuse.
- ◆ Operation outside the environmental specifications for the product.
- ◆ Improper site preparation and maintenance.
- ◆ Use of non-AUVS lamps or ballasts.

### ***Obtaining Service During the Warranty Period***

If your ultra violet unit should fail during the warranty period, bring your unit to an authorised AUVS dealer or repair centre. AUVS can arrange for on-site repair of the unit but this may, at AUVS' discretion, incur a callout charge.

# WIRING DIAGRAM

