



Residential



Commercial



# AD-Series™

## Air duct UV Disinfection systems.

UV-Guard's versatile AD-Series is a UV disinfection system for use within air ducts as part of heating, ventilating and air conditioning (HVAC) systems.

The air duct UV disinfection system destroys harmful airborne pathogens such as bacteria, viruses, mould and spores. By eradicating these contaminants, the air is purified - reducing allergies, sickness and other respiratory conditions.

## Benefits

- ✓ Improve air quality of air conditioning systems
- ✓ Destroy airborne pathogens such as bacteria, viruses, moulds and spores
- ✓ Purify air within air ducts of HVAC systems
- ✓ Reduce allergens in the air we breathe – less sickness and respiratory conditions

+61 2 9631 4900

sales@uvguard.com

www.uvguard.com



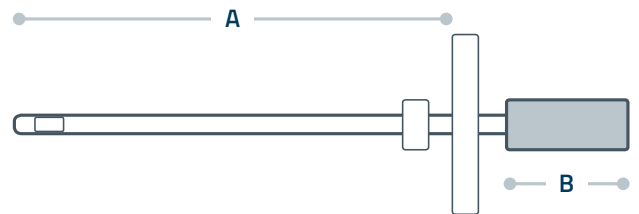
## Features

- ✓ Five models to suit small and larger air ducts.
- ✓ Multiple AD-Series units can be employed depending on air duct size and air flow
- ✓ Four 316 stainless steel connection types available:
  - ¾" Table D flange – multipurpose connection type
  - 2" Table D flange – multipurpose connection type
  - 2" Tri-Clover sanitary fitting – for food and beverage or pharmaceutical uses
  - 1 ½" Male BSPT screw-in fitting – multipurpose connection type
- ✓ Variety of weatherproof and indoor UV lamp controllers available with additional features to suit project requirements. Multiple AD-Series solutions can be operated by one centralised controller.
- ✓ Each solution customised and designed by UV-Guard to meet your unique needs.

## Specifications

Model	Connection Type Available	Lamp Power (W)	Dimensions (approx.)	
			A Length within Tank (mm)	B Maintenance length required (mm)
UVG AD10	¾" Table D, 2" Table D, 2" Tri-Clover, 1 ½" Male BSPT	10	170	200
UVG AD18		20	300	300
UVG AD30		30	510	600
UVG AD40		40	840	1000
UVG AD75		80	840	1000

### Dimension Diagram



## Connection Types Available

3/4" Table D	2" Table D	2" Tri-Clover	1 1/2" Male BSPT
			<p>Bulk Head Fitting (optional)</p>

## Controller Options

Controllers	Models	Features
<b>Basic Indoor Controllers</b> 	AD10, AD18, AD30, AD40	Indoor use, lamp on/off LEDs, audible lamp fail alarm.
	AD75	
<b>Basic Weatherproof Controllers</b> 	AD10, AD18, AD30, AD40, AD75	Weatherproof IP65, lamp on/off LEDs.
<b>Digital Indoor Controllers</b> 	AD10, AD18, AD30, AD40, AD75	Indoor use, digital lamp life timer, lamp on/off LEDs, audible lamp fail alarm, volt free alarm contacts.
<b>Weatherproof PLCs</b> 	AD10, AD18, AD30, AD40, AD75	<p><b>Standard</b></p> <p>Weatherproof IP65, digital lamp life timer, lamp on/off LEDs, audible lamp fail alarm.</p> <p><b>Customised</b></p> <p>One controller to operate multiple T-Series, lamp safety interlocking device, volt free alarm contacts, personalised software and fascia, other features to suit.</p>



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