

# PRODUCT SPECIFICATIONS

## WM-317

### DESCRIPTION

Universal UV Solutions produces technologically superior, reliable air purification units at economical price points for a multitude of uses.

The WM-317 contains a high-quality H13 HEPA filter or optional U15 ULPA filter to trap microorganisms and scrub the air. Also included is an ACF pre-filter, which contains activated carbon to help eliminate odors and filter out larger particles. Accompanying these filters is a high intensity, long life germicidal UV-C lamp that inactivates mold, bacteria, viruses, yeast and many other airborne contaminants.

Also offered are two housing options: high-grade, easy to clean stainless steel, or low-maintenance, powder-painted CRS.

The unit can be adapted to any market by offering electrical options for: 120V/220V, 50/60Hz

### FEATURES



**WM-317**

- **Stainless steel or optional powder coated housing**
- **Adjustable fan speed**
- **Pressure sensing**
- **Air quality sensing**
- **H13, high quality HEPA filter**
- **Optional U15,  $\geq 99.9995\%$ ,  $\leq 0.12\mu\text{m}$  ULPA filter**
- **Activated carbon pre-filter**
- **Long life germicidal UV lamps**
- **Multiple safety features**
- **Low noise performance**
- **Professional appearance**
- **Airflow rate 450CFM**
- **Color LCD that features:**
  - **Fan speed indication**
  - **Air quality indication**
  - **Chamber pressure**
  - **Lamp status**
  - **Days left counter for replacement parts**
  - **Visual and audible alarms**

*Due to a program of continuous development, Universal UV Solutions™ reserves the right to make design and or specifications changes at any time.*

# TECHNICAL SPECIFICATIONS

## DIMENSIONS

- 20.5" x 19" x 12"
- 32lbs

## HOUSING

- 22 gauge stainless steel or cold rolled steel (depending on model)
- Filter access from front panel
- Wall mounted

## ULTRAVIOLET LAMPS

- UV-C Germicidal
- 18000 Hour operation
- Replaceable

## ACF-PRE FILTER

Activated carbon pre filter traps larger particles from the air and its high level of micro porosity enables the filter to absorb odors and other pollutants from the air.

- Removable
- G4 Polyester fiber
- 500g Activated Carbon
- 17 3/8" x 12" x 1 5/8"

## HEPA FILTER

99.95% of micro-organisms > 0.3µm are filtered through the HEPA filter to meet the high standards of today's applications.

- Removable
- H13, ≥99.95%, ≤0.3µm
- PP filter
- 17 3/8" x 10 3/8" x 3 15/16"

## ELECTRICAL (indicate preference)

- 120V 50/60Hz
- 220V 50/60Hz

## FAN

- 450 CFM
- Adjustable speeds
- UL Certification
- 305-885 m<sup>3</sup>/h

## REMOTE CONTROL FUNCTIONS (sold separately)

- ON/OFF
- UP Speed
- Down Speed

## AIR QUALITY SENSOR:

- Air quality is sampled and measured by a particle sensor capable of detecting particle sizes of approximately 1µm and larger such as cigarette smoke, house dust, tick, spore, pollen and mildew.
- Detectable range of concentration is: 0 ~ 1.4mg/m<sup>3</sup>.

## WARRANTY

ITEM	WARRANTY
PRODUCT HOUSING	5 YEARS
FAN/MOTOR	3 YEARS
ELECTRICAL COMPONENTS	1 YEAR
BALLAST	LIFETIME
HEPA FILTER	90 DAYS
ACF-PRE FILTER	90 DAYS
UV LAMP(S)	1 YEAR

## REPLACEMENT PARTS

REPLACEMENT PARTS	PART NUMBER
ACF PRE-FILTER	UUVS-WM-ACFPF
HEPA FILTER	UUVS-WM-HF
UV LAMP(S)	UUVS-WM-L4P
BALLAST	UVT-UNI-BUV37
REPLACEMENT KIT Total Replacement Kit Includes: • ACF PRE-Filter • HEPA Filter	UUVS-WM-RK
UV LAMP(S)	
STAINLESS STEEL HOUSING	UUVS-WM-SSH
PAINTED STEEL HOUSING	UUVS-WM-PPH

To order replacement parts contact an authorized distributor or email [info@universaluvsolutions.com](mailto:info@universaluvsolutions.com)

Universal UV Solutions warrants the WM-317 to be free from defects in material and workmanship subject to the conditions and limitations hereinafter described.

The warranty period for the Universal UV Solutions unit including the UV Lamp is one (1) year.

Warranty claims are to be made to: (1) The installing Universal UV Solutions Dealer, or (2) Universal UV Solutions directly.

If the warranty claim is made to the installing UUVS Dealer, the UUVS Dealer will obtain a replacement part through his UUVS and install the replacement part. If the warranty claim is made to Universal UV Solutions directly, the customer shall contact UUVS at [info@universaluvsolutions.com](mailto:info@universaluvsolutions.com) to obtain the address of a Universal UV Solutions Service Center where the defective unit is to be shipped (at customer's expense) along with a copy of the original invoice. Universal UV Solutions will repair and return the unit to the customer at Universal UV Solutions expense.

THIS WARRANTY DOES NOT INCLUDE ANY ADDITIONAL LABOR ALLOWANCE OR OTHER COSTS incurred for diagnosis, repairing, removing, installing, shipping, servicing, or handling of either defective parts or replacement parts. The warranty period shall extend the greater of a period of 6 (six) months following a repair made under warranty or for the remaining period of time of the initial warranty period.

UNIVERSAL UV SOLUTIONS WILL NOT BE RESPONSIBLE FOR:

Normal maintenance as outlined in the installation and servicing instructions or owner's manual.

Damage or repairs required as a consequence of faulty installation or application by others.

Failure to start due to voltage conditions, blown fuses, open circuit breakers or other damages due to the inadequacy or interruption of electrical service.

Damage or repairs needed as a consequence of any misapplication, abuse, improper servicing, unauthorized alteration, or improper operations.

Damage as a result of floods, winds, fires, lightning, accidents, corrosive atmosphere, or other conditions beyond the control of Universal UV Solutions Technologies Inc.

Parts not supplied or designated by Universal UV Solutions.

ANY SPECIAL INDIRECT OR CONSEQUENTIAL PROPERTY OR COMMERCIAL DAMAGE OF ANY NATURE WHATSOEVER.

Some states or provinces do not allow the exclusion of incidental or consequential damages, so the above limitation may not apply to you.