





### MUV403H

MULTIVOLTAGE UV GERMICIDAL AIR PURIFIER WITH ACTIVATED OXYGEN

\* Patented Ozone Chamber provides precise control of ozone output that can be easily adjusted by the homeowner.

### **MUV401H**

MULTIVOLTAGE UV GERMICIDAL **AIR PURIFIER** 

UVC germicidal lamp with single-pass germicidal killing power.

#### **MUV7-50PS**

REMOTE MULTIVOLTAGE **UV GERMICIDAL AIR PURIFIER** 

UVC germicidal lamp with single pass germicidal killing power.

#### **MUV7-50DR**

DUAL REMOTE MULTIVOLTAGE UV GERMICIDAL AIR PURIFIER WITH ACTIVATED OXYGEN

\* Patented Ozone Chamber provides precise control of ozone output that 'can be easily adjusted by the homeowner.

#### **MUV7-100DR**

DUAL REMOTE MULTIVOLTAGE **UV GERMICIDAL AIR PURIFIER** 

Two UVC germicidal lamps with double the single-pass germicidal killing power.

#### **MUV7-200QR**

QUAD REMOTE MULTIVOLTAGE **UV GERMICIDAL AIR PURIFIER** 

Four UVC germicidal lamps with four times the single-pass germicidal killing power.

#### **MUV7-100TR**

TRIPLE REMOTE MULTIVOLTAGE UV GERMICIDAL AIR PURIFIER WITH ACTIVATED OXYGEN

Two UVC germicidal lamps with double the germicidal killing power. \* Patented Ozone Chamber provides precise control of ozone output that can be easily adjusted by the homeowner.

\* US Patents 7,597,856 & 8,062,589 B2













• ETL certified

• 2-Year long-life lamps.

#### • Lifetime warranty on electronics (2-years on lamps).

#### DUCT MOUNT UNIT SPECIFICATIONS

MUV403H-16/5 Size (L x W x D) 10.75" x 4.25" x 2.75" 16" Germicidal H lamp penetrates duct 15.5" 12" Germicidal H lamp penetrates duct 12.25" Auto-sensing multivoltage ballast 120 - 240 VAC 50/60 HZ. 50 WATT .40/.20 AMP

MUV401H-16 Size ( $L \times W \times D$ ) 8.75" x 4.25" x 2.75" 16" Germicidal H lamp penetrates duct 15.5" 12" Germicidal H lamp penetrates duct 12.25" Auto-sensing multivoltage ballast 120 - 240 VAC 50/60 HZ. 50 WATT .40/.20 AMP

### **REMOTE UNIT SPECIFICATIONS**

MUV7-50PS & MUV7-50DR

Power supply dimensions: Size (L x W x D) 6h x 5.75w x 1.75 d Auto-sensing multivoltage ballast 120 - 240 VAC 50/60 HZ. 50 WATT .40/.20 AMP

MUV7-100DR & 200QR

Power supply dimensions: Size (L x W x D) 10.5h x 5.75w x 1.5 d Auto-sensing multivoltage ballast 120 - 240 VAC 50/60 HZ. 100 WATT .40/.20 AMP

Power supply dimensions: Size (L x W x D) 7" x 7.75" x 1.75" Auto-sensing multivoltage ballasts (2) 120 - 240 VAC 50/60 HZ. 100-WATT .40/.20 AMP

Remote Lamp Socket Dimensions: Size (L x W) 3.5" x 2.75" 16" Germicidal H lamps penetrates duct 15.5" 12" Germicidal H lamps penetrates duct 12.25"

Odor control chamber penetrates duct 4.5"

#### LAMP SPECIFICATIONS

5" UVV Lamp Output at 184 nanometers Rated life Lamp dimensions Quartz diameter 16" Twin-Tube Germicidal H Lamp Intensity at 1 meter 12" Twin-Tube Germicidal H Lamp Intensity at 1 meter Rated life Lamp dimensions Glass diameter

8 watts, 425 mA 50 mg per hour maximum 2 years 5" from base to end 15 mm (T5) 36 watts, 425 mA 180 µW/cm2 (254 nanometers) 24 watts, 425 mA 140 µW/cm2 140 µW/cm2 (254 nanometers) 2 years 13" or 16.5" from base to end 30 mm (15 mm x 2)

#### **MUV7-100TR**

MUV7-50OU size (L x W x D) 4" x 4" x 3.75"



#### MUV-403H-12 MUV-403H-16

- Powerful germicidal twin-tube H lamp outputs up to three times more microwatts than a single-tube lamp.
- Patented odor-control chamber easily adjusted by the homeowner.
- 140 Microwatts (12" lamps).
- 180 Microwatts (16" lamps).
- For duct mounting or duct-board mounting with our optional duct-board mount plate.
- ETL certified.



- Powerful germicidal twin-tube H lamp outputs up to three times more microwatts than a single-tube lamp.
- Patented odor-control chamber easily adjusted by the homeowner.
- Moisture-proof lamp connector and mid-cord connector.
- Remote units fit in tight spaces.
- 140 Microwatts (12" lamps).
- 180 Microwatts (16" lamps).
- ETL certified.



# MIIV.401 H UV-401H-16



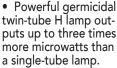
- Powerful germicidal twin-tube H • lamp outputs up to three times more microwatts than a single-tube lamp.
- 140 Microwatts (12" lamps). •
- 180 Microwatts (16" lamps).
- For duct mounting or duct-board mounting with our optional duct-board mount plate.
- ETL certified.



- Two powerful germicidal twin-tube H lamps output up to six times more microwatts than a single-tube lamp.
- Moisture-proof lamp connector and • mid-cord connector.
- Remote units fit in tight spaces.
- 280 Microwatts (two 12" lamps).
- 360 Microwatts (two 16" lamps).
- ETL certified.



### MUV7-50PS-12 MUV7-50PS-16



- Can be upgraded to an MUV7-50DR with the purchase of an MUV7OU odor control unit.
- Moisture-proof lamp connector and mid-cord connector.
- Remote units fit in tight spaces.
- 140 Microwatts (12" lamps).
- 180 Microwatts (16" lamps).
- Includes 1 magnetic Z bracket for germicidal lamp mounting.
- ETL certified.



- Two powerful germicidal twin-tube H lamps output up to six times more microwatts than a single-tube lamp.
- Patented odor-control chamber easily adjusted by the homeowner.
- Moisture-proof lamp connector and mid-cord connector.
- Remote units fit in tight spaces.
- 280 Microwatts (two 12" lamps).
- 360 Microwatts (two 16" lamps).
- ETL certified.



## MUV7-200QR-12 MUV7-200QR-16

Two powerful aermicidal twin-tube Ă lamps output up to twelve times more microwatts than a single-tube lamp.

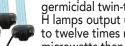
250 FPM

500 FPM

According to Westinghouse® this is the minimum duct length to achieve a 70-85% kill / deactivation of microorganisms in a forced air system at 2000CFM using one 16" lamp. All parameters based off end-of-life output (110 µW/cm2)

#### Duct length needed Airflow





 Moisture-proof lamp connector and mid-cord connector.

- Remote units fit in tight spaces.
- 560 Microwatts (two 12" lamps).
- 720 Microwatts (two 16" lamps).
- ETL certified.