

**UV SG-HVAC 2350A DUCT MOUNTED  
Continuously Adjustable Output  
UV Ozone Generator**

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**Generation Method**

**Supply Gas**

**Ozone Output**

**Controls**

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**Construction**

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The SG-HVAC 2350A is a small, duct mounted UV ozone generator designed for use in buildings, offices, hotels, and F&B outlets, spas, hallways where odors, mold, mildew and bacteria are a problem. It is capable of freshening an area of up to 20,000+ sq/ft and is especially effective on smoking floors. Installation is simple and requires just 4 small holes to be drilled in the side of the air ducting or at the AHU or FC. **This unit has a variable control for continuously adjusting the output from 20 mg/hr up to 2400 mg/hr.** Standard unit comes with a 10 ft cable between the control box and the 4 UV tubes. Cables up to 50 feet are available. This unit can be used alone, or in combination with the SG-OS4P1 Digital Ozone Controller. (which acts in a similar manner to a thermostat.)

4 High Efficiency long life ( 2-3 years )  
American made 3<sup>rd</sup> generation UV tubes.

Ambient Air

FULLY ADJUSTABLE output range from 20 to 2400 mg/hr

Power On- Off rocker switch. FULLY ADJUSTABLE ozone output level control knob for precisely adjusting the ozone output level from 20-2400 mg/hr. Also available is an optional LED Electronic timer with 9 time settings, (Always on, 10, 30 min 1, 2, 4, 8, 12, 18, 36hr) or a Programmable 24/7-day 280 event digital timer.

Control box: 5" W X 22" H X 3" D; Tube mount with tubes installed: 12" x12" x 15.75 long (tube)

120/220/240V, 2Amp, 140Watts maximum, 50/60 Hz

20 gauge 316 Stainless Steel

Up to 24 months or more, depending on the output setting and maintenance frequency. Our American made replacement UV Tubes cost only \$175 ea

Normal duty use requires wiping the tubes with alcohol every 3-6 months. It takes less than 5 minutes! Under very dirty or dusty conditions, more frequent cleaning may be necessary.

The HVAC 2350 electronics are warranted against defects in materials and workmanship for a period of **SIX YEARS** from date of purchase. The UV tubes are warranted for **2 YEARS**. Liability is limited to parts and labor only. Shipping is the sole responsibility of the customer. ProMedUSA is not liable for damage caused by shipping, misuse, neglect or lack of regular cleaning or maintenance.

Control Box



Installed UV tube in Air Duct



# **MODEL UV SG2350A SERIES ADJUSTABLE OUTPUT IN-DUCT MOUNTED OZONE GENERATOR**

**Exclusively manufactured in Canada for ProMedUSA!**



- **OZONE OUTPUT:** ADJUSTABLE FROM 20 to 2400 MG/HR
- **CONTROL PANEL DIMENSIONS:** 13CM X 55CM X 7.5CM
- **MOUNTING PLATE DIMENSION:** 14 CM X 14 CM
- **UV TUBE LENGTH:** 38 CM
- **INSTALLATION:** TAKES JUST 15 MINUTES
- **WARRANTY:** 6 YEAR WARRANTY ON THE CONTROL BOX
- **TUBE WARRANTY:** 2 YEAR WARRANTY

# LEGOLAND MALAYSIA RESORT

## IMAGINATION 4D THEATRE

### Installation of 2 ProMedUSA Model UV SG-HVAC2350A Duct Mounted Adjustable Output Ozone Generators



Left side of theatre  
4 UV tube installation



Right side of theatre  
4 UV tube installation

The theater experience in the Imagination 4D Theatre at LEGOLAND Malaysia includes a number of special effects including water spray. The theatre has carpeting and fabric covered seating. With the climate in Malaysia being hot and humid, and the interior being dark, the inside of the theatre has begun smelling musty and of mildew.

We installed 2 model UV SG-HVAC2350A Adjustable Output Ozone Generators in the air-conditioning ducts on each side of the theatre. They are timed to go on and off daily with the air-conditioning system. The adjustable output feature allows us to very precisely regulate the amount of ozone introduced into the theatre inserting just enough ozone to destroy the odours during the shows, while leaving no residual ozone behind. After 2 hours of operation, the interior of the theatre smelled fresh and clean again.

For after-hours operation, when the theatre is closed, we installed a model UV SG7000 Portable Ozone Generator inside the theatre and timed this unit to operate from 9PM to 11PM daily. This adds additional ozone during unoccupied periods to destroy residual mold and mildew.