



PURGE VIRUS

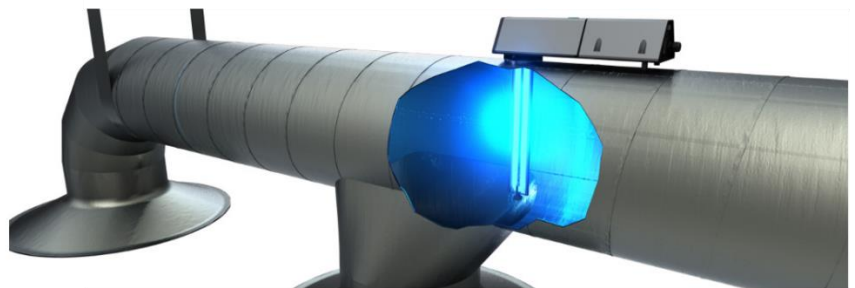
In Duct
Models 20-80 Series

In Duct Air Purification System Powerful and Cost-Effective

This Device Reduces **Viruses**, Bacteria and other VOCs within HVAC Ducts



(Applications: cylinder and/or rectilinear ducts)



POWER INFORMATION

Input Voltage: 100-240 V AC

Input Frequency: 50/60 Hz

Power Supply Output Voltage: 12 V DC

Amperage: 0.65-0.33 A

Electric Consumption: 69.3 W

Plug: N/A (hardwire installation)

SIZE

Length: 17.1" Width: 5.2"

Height: ID-X-60 15.1" / ID-X-80 19.2"

Weight: 5.5 lbs Power Cord Length: 6'



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This is an excellent device to:

Eliminate odors, smoke, and chemicals. It reduces bacteria, viruses, and mold

It is well suited for industrial, commercial, and residential applications

Completely automated and chemical-free

- Easy to install
- Can operate as a standalone or integrated solution
- Optional HMI touch pad control and monitoring system
- Maintenance free – requires simple annual UV lamp replacement(s)



ID-X-80
Top View Shown



ID-X-80
Side View Shown



ID-X-80
End Views Shown
(without UV Lamp)



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FEATURES

- LED Lamp Replacement Indicator
- LED Lamp Operating Status Indicators
- LED Communication Status Indicator
- RS485 Comms Protocol Compliant
- RS22 Compatible Connections
- 6 foot Power Cord Duct
- Mount Kit 12V DC Accessory

APPLICATIONS

- HVAC
- Odor Removal
- Biofilm Inhibition
- Chemical Reduction
- Garbage/Rubbish Collection
- Mold Control
- Refuse Processing
- Smoke Removal

CONTENTS

- In Duct-X
- UV Lamp (in box)
- Owner's Manual and Installation Guide
- Lock Key
- Mounting Screws

OPTIONAL MONITOR DETAILS

- Industrial-strength HMI
- Analog Resistive Touchscreen
- VNC Server for Remote Communication
- Most Popular PCLs Supported
- Control and Monitor a Series of In Duct devices
- Alarms, Data Logging

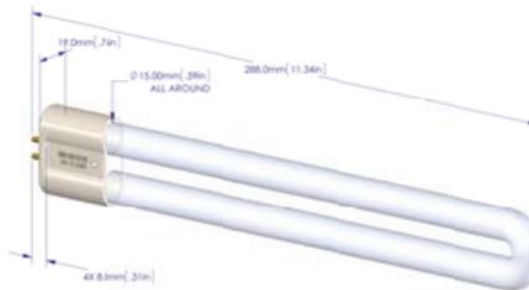
WARRANTY

Warranty valid in United States and Canada. Contact factory for warranty in other countries.
One year Parts and Labor on entire unit.

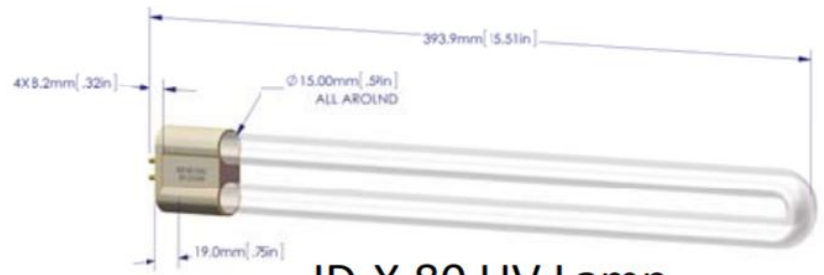


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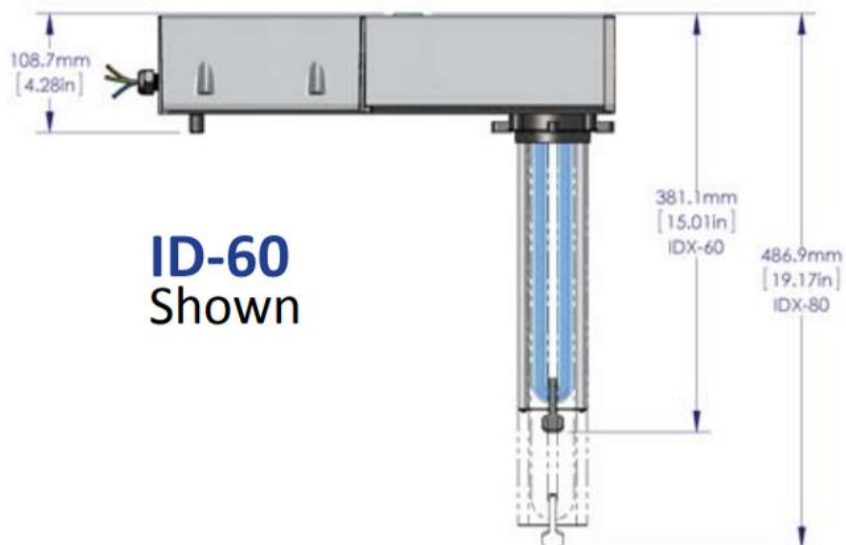
ID-X-60 UV Lamp



ID-X-80 UV Lamp



ID-60
Shown





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PERFORMANCE COUNTS: Surface Bacteria



Prior to Treatment

After Treatment

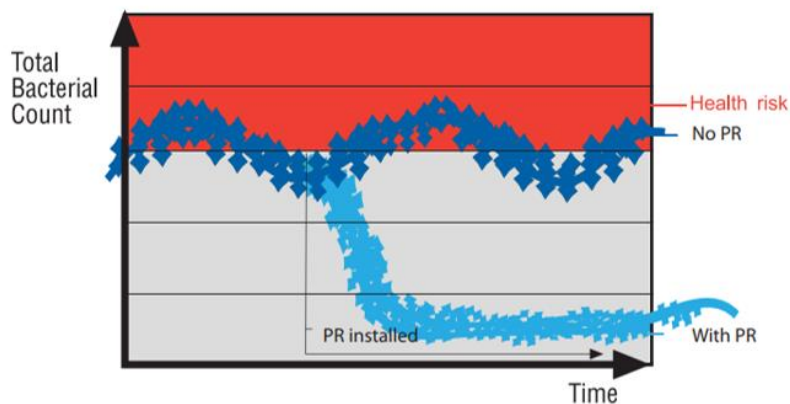
Product Certifications:

CE RoHS

Validation Studies:

- >99.999% of surface E. coli – Test 1 and 2 below
- >99.999% of surface Listeria2 100% of surface Salmonella – Test 2 below
- 98.24% of airborne bacteria – Test 3 below
- 100% of airborne H2S – Test 4 below
- >99.999 of Avian Influenza Virus (H5N2) – Test 5 below
- >99.999 of Parainfluenza Virus (hPIV-3) – Test 5 below

- 1 Test performed by Pennsylvania State University
- 2 Test performed by Tri-Tech Analytical Laboratories
- 3 Test performed by LAWN Environmental Ltd
- 4 Test performed by SMQ Academy
- 5 Test performed by CNRS





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OPERATING INFORMATION

Adapter Input Voltage: 100-240 VAC

Adapter Input Frequency: 50/60 Hz

Adapter Output Voltage: 12VDC

Adapter Rated Current:

ID-10 - ID-40: 2.0A

ID-50 - ID-80: 5.0A

Current @ 120 VAC:

ID-10 - ID-40: 0.18A

ID-50 - ID-80: 0.26A

ID-80: 0.28A

Operating Temperature: 68°F - 104°F

Humidity: 0-90% RH Non-Condensing

Installation: Permanent with Screws

APPLICATIONS

Virus Shield for commercial HVAC systems - eliminates airborne viruses

UV-Plasma reduces viral load on air filters

UV-Plasma removes biofilm from cooling coil surfaces

Odor removal

Smoke removal

SIZING TABLE

ID MODEL	CFM
ID-10	90 - 690
ID-20	730 - 1330
ID-30	1330 - 1930
ID-40	3230 - 3830
ID-50	5560 - 6160
ID-55	8530 - 9130
ID-60	11710 - 12310
ID-80	15940 - 16540

REORDER INFORMATION

Replacement UV Lamps

ID-10: 10-08010

ID-20: 10-08025

ID-30: 10-08050

ID-40: 10-08100

ID-50: 10-11050

ID-55: 10-11075

ID-60: 10-11100

ID-80: 10-15100

PHYSICAL SPECIFICATIONS

Length / Width / Height (inches)

ID-10 - ID-40: 9" / 4" / 10.5"

ID-50 - ID-60: 12" / 4" / 13.75"

ID-80: 12" / 4" / 17.5"

Weight:

ID-10 - ID-40: 1.4 lbs

ID-50 - ID-80: 2.25 lbs