

STERIONIZER™

INSTALLATION, OPERATION AND MAINTAINANCE MANUAL

STERIONIZER™

D5 Fan



INTRODUCTION

The STERIONIZER™ is a unique and environmentally friendly product that kills viruses in the spaces in which it is installed. The device produces a defense system that exterminates various viruses (such as COVID-19 and Influenza) as well as bacteria, molds, smoke, dust and other contaminants in the air and on surfaces in the space. The product is self-cleaned, maintenance-free, that produces positive and negative ions that neutralize harmful pollutants and odors in the home. This compact self-cleaning unit automatically removes dust and dirt build-up on the needles eliminating the need for maintenance. The device is suitable for installation in residential HVAC systems as well as, restaurants, offices, shopping malls, theaters, factories, logistics centers, schools & educational institutions, hospitals, clinics, nursing homes, hotels ect. D6C unit accepts 12V DC or 24V AC without the use of an external power supply.

Technical Specifications

Model	D5 Series
Ion output (Ions/Sec)	D5 – 10B (10 ¹⁰);
Emitter Points	Nickel Plated Needles
Input voltage	12V DC ± 10%
Output voltage	0-8k V DC
Power Consumption	Average 30mA @ 12V DC
Power Supply Requirements	Over Current Protection 500mA
Operation environment	Temp. (14°F) – (158°F), Hum. <70%
Storage environment	Temp. (14°F) – (158°F), Hum. <85%
Ozone	< 0.001 ppm
CFM	up to 1,500
LED indicator	green: power “on” - orange: “operation”
Color	D5 – white
Dimensions	1.97x1.57x0.47 Inches (LxWxH)
Dimensions Fan (D5)	4.7x2.8x5.7 Inches (LxWxH)
Weight	D5 - 0.88 Lb
Certifications	UL, CSA, CE, IEC, FCC, RoHS 2 compliant
Ion Balance	Inherently self-balancing system < ± 30V
Discharge time	1000V – 100V @ < 10 sec acc. Spec

Installation Instruction

1. Open the STERIONIZER™ box and take the device and the electricity cable (110V)
2. Put the STERIONIZER™ next to an electricity outlet.
3. Connect the cable to the back of the STERIONIZER device.
4. Connect the plug into the electricity outlet.
5. Turn the STERIONIZER™ device on using the switch on the right side of the device.
6. Ready to go.

Up to 500 sq ft (1,500 CFM) per device and is intended to be use in small spaces such as offices, rooms, and locations with no central heating/cooling system.

Operation

1. When power is applied to the unit, the STERIONIZER™ will be activated. The switch indicator must be changed from on to off for proper operation.
2. The STERIONIZER™ is a self-balancing and does not require any type of adjustment.

Troubleshooting

If the unit is not operating, check the following:

1. Verify that all power connections are correct and tight. Reconnect the plug to the electricity if necessary.